

MARTINS

Produce Supplies, LLC



2026

Commercial Greenhouse & Vegetable Production Catalog

2518 South Fork Creek Rd. Liberty KY 42539

Phone: 606-787-9389 | Fax: 606-787-5075

MARTINS

Produce Supplies, LLC

To our customers:

Welcome to our 2026 Catalog! It contains most of our products, but we have many more items available by your request.

We encourage you to mail or fax your orders 1 to 2 weeks before picking them up to allow us time to process and pack your order. We reserve the right to pro-rate any items in short supply and may occasionally substitute for a similar item.

We accept most credit cards including AMEX, Discover, MasterCard, and VISA. Of course, we also accept cash or good check.

SALES TERMS:

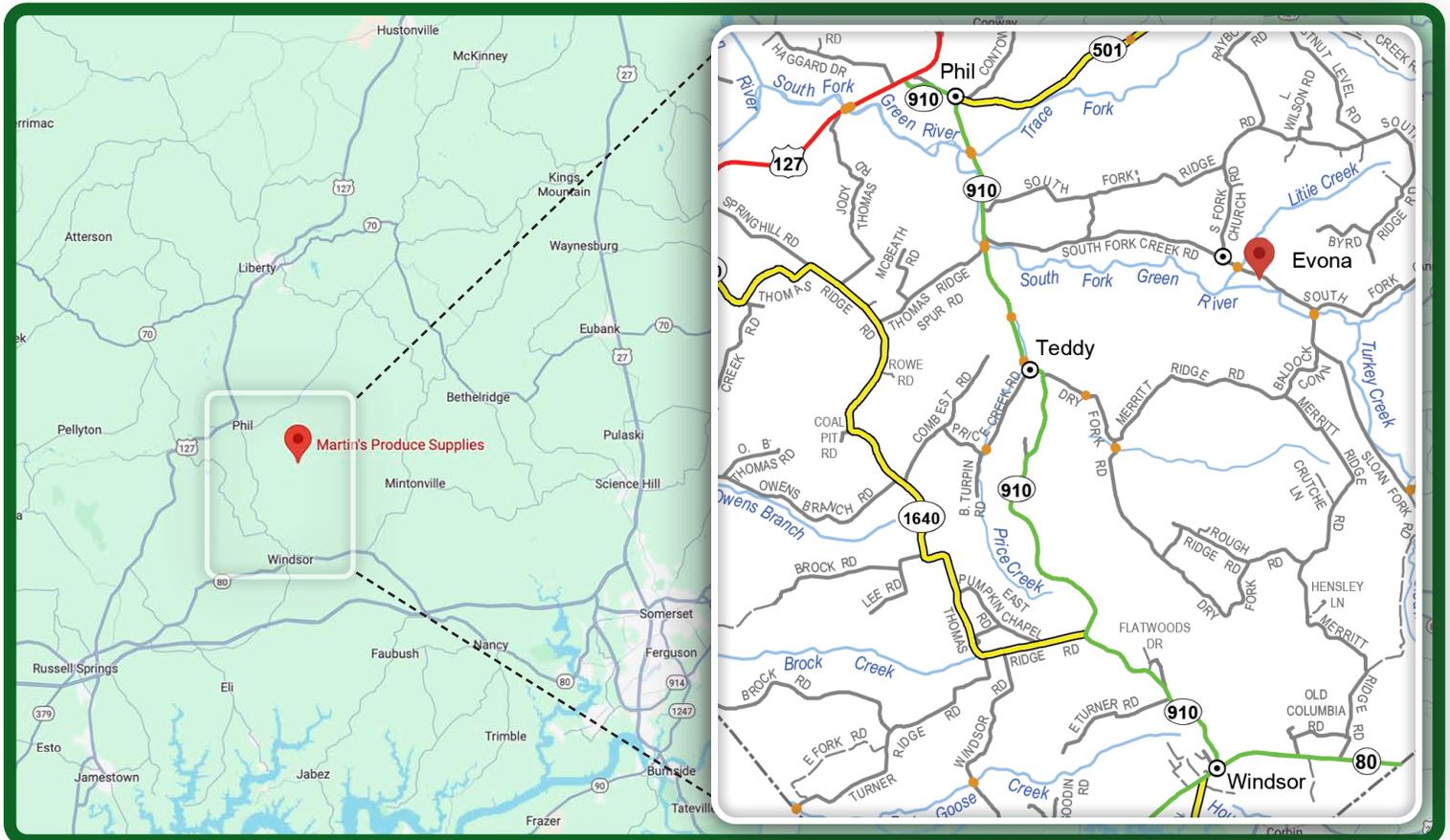
- To keep prices low and competitive, we do not accept charge accounts or COD.
- All returns for credit must include the Invoice or Sales Receipt, and may have a restocking fee.
- Discounts on Quantity orders.
- ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE!!
- Claims for shortages or damaged items must be made within 5 days from receipt or shipment - Custom fittings or other custom products are non-returnable.

If you are receiving duplicate copies or if our catalog no longer interests you, please call us and let us know. If your address has changed in the past year, please give us the updated address so that we can update our mailing list.

Thank You, and we appreciate your business!

Best Wishes for 2026!

Edward & Anna Martin & Family



Pro-Mix BX

PRO-MIX is a general purpose peat-based growing medium that is formulated with a base of high-quality Sphagnum peat moss and perlite. This blend creates a well-balanced environment to encourage root development and favor plant growth. **Ingredients:** Canadian Sphagnum peat moss, Perlite, Calcitic and dolomitic limestone, & Wetting agent



3.8 Cu. Ft. Compressed Bale Ship Weight 68 + lb.

Item #	Description	1-9	10-29	30/skid
PM 138N	BX Original	\$31.50	\$30.95	\$30.20
PM 138	BX with Mycorrhizae Agtiv Reach	\$34.20	\$33.65	\$32.80
PM-138P	BX with Bio+Myc+ Agtiv Fortify	\$36.70	\$36.10	\$35.20

2.8 Cu. Ft. Loose Fill Bag Ship Weight 32 + lb.

Item #	Description	1-9	10-29	57/skid
PM 130 N	BX Original	\$15.60	\$15.35	\$14.95
PM 130	BX with Mycorrhizae	\$16.25	\$16.00	\$15.55
PM-130P	BX with Biofungicide + Mycorrhizae	\$16.80	\$16.50	\$16.10

Promix HP With its high perlite content, PRO-MIX® HP provides a porous environment for growers wanting high air porosity, low water retention and good drainage. The added benefit of fibrous peat moss and coarse perlite makes this formulation ideal for growers who require a superior-quality product adapted to their needs for watering flexibility and crop seasonality. **Ingredients:** Canadian Sphagnum peat moss (65-75% by volume), Perlite, Calcitic and Dolomitic Limestone (PH adjuster), Wetting Agent



3.8 Cu. Ft. Compressed Bale Ship Weight 60 + lb.

Item #	Description	1-9	10-29	30/skid
PM 438P	Pro-Mix Hp Biofungicide + Mycorrhizae	\$39.35	\$38.40	\$36.85

Pro-Mix MPX

A multi-purpose, peat-based growing medium that combines high-quality Sphagnum peat moss and a low percentage of perlite. This combination forms a growing medium with high water retention that reduces the need for frequent irrigation and promotes water conservation. Contains a beneficial endomycorrhizae that improves plant growth.



3.8 Cu. Ft. Compressed Bale Ship Weight 68 + lb.

Item #	Description	1-9	10-29	30/skid
PM P38	Mpx Agtiv Reach	\$30.80	\$30.30	\$29.55

Pro-Mix FPX

(Germination Mix)
This fine grind mix is designed for plug growing and germination. **Ingredients:** Canadian sphagnum peat moss, plug grade (80-90%); Fine Perlite; Limestone (pH adjuster); Wetting Agent. *Sorry, PGX has been discontinued. FPX is very similar, except no vermiculite.*



2.8 Cu. Ft. Loose Fill Bag Ship Weight 32 + lb.

Item #	Description	1-9	10-56	57/skid
PM 630	FPX with Bio-fungicide Agtiv Defend	\$18.80	\$18.50	\$18.00

Pro-Mix MP Organik

An OMRI-Listed multi-purpose peat-based growing mix. **Ingredients:** Canadian sphagnum peat moss(80-90%). Perlite; Calcitic Limestone (pH adjuster); Gypsum; Organic Fertilizer - Soya based; Organic Wetting Agent



3.8 Cu. Ft. Compressed Bale Ship Weight 68 + lb.

Item #	Description	1-9	10-29	30/skid
PM 538	MP with Mycorrhizae Agtiv Reach	\$37.60	\$37.00	\$36.10

Contact us for pricing on 3+ skids of Pro-Mix

PRO-MIX AGTIV

Optimize your production, save time, labor, and make better use of your resources with biological active ingredients integrated in PRO-MIX® growing media. Select PRO-MIX® with AGTIV® for higher crop yields, improved quality, and extended shelf life, while reducing costs by minimizing drenches and optimizing fertilizer use.

AGTIV FORTIFY AGTIV DEFEND AGTIV REACH

AGTIV® FORTIFY™ PROTECTS THE ROOT SYSTEM WITH AN EXPANDED BARRIER AGAINST PATHOGENS* AND IMPROVES NUTRIENT AND WATER ABSORPTION THANKS TO **BACILLUS + MYCORRHIZAE**

BACILLUS + MYCORRHIZAE
PTB297 + PTB180 Technologies

AGTIV® DEFEND™ GIVES PLANTS PROTECTION AGAINST ROOT PATHOGENS* THANKS TO **BACILLUS**

BACILLUS
PTB180 Technology, *Bacillus pumilus*

AGTIV® REACH™ HELPS PLANTS REACH AND ABSORB MORE NUTRIENTS AND WATER THANKS TO **MYCORRHIZAE**

MYCORRHIZAE
PTB297 Technology, *Rhizophagus irregularis* (formerly known as *Glomus intraradices*)

Pro-Mix BK

PRO-MIX® BK25 is a medium-weight growing medium designed for the cultivation of horticultural crops in 4" pots or larger. The combination of processed pine bark, Sphagnum peat moss and perlite makes for a general-purpose growing medium with good drainage and medium water retention. **Ingredients:** Canadian Sphagnum peat moss (60%-70% by volume), Processed pine bark (20-25% by volume) coarse—screened at 1/2", Perlite, Calcitic and dolomitic limestone & Wetting agent



2.8 Cu. Ft. Loose Fill Bag Ship Weight 45 + lb.

Item #	Description	1-9	10-47	48/skid
PM-BK	BK Original	\$13.80	\$13.60	\$13.25

Pro-Mix BKH

Pro-Mix BK55 is a medium-weight growing medium designed for the cultivation of long-term greenhouse crops and perennials grown outdoors. The combination of processed southern pine bark (55%), sphagnum peat moss (30%) and Perlite makes for a good air/water balance. The high percent of bark adds weight, which is perfect for growers looking for container stability. Also contains limestone and wetting agent.



2.8 Cu. Ft. Loose Fill Bag Ship Weight 65 + lb.

Item #	Description	1-9	10-47	48/skid
PM-BKH	BKH Original	\$14.05	\$13.80	\$13.45

Pro-Mix Peat Moss

PRO-MOSS "HORT" Sphagnum peat moss. OMRI-Listed for organic use.



3.8 Cu. Ft. Compressed Bale Ship Weight 60 + lb.

Item #	Description	1-9	10-29	30/skid
PM-338	Peat Moss	\$14.10	\$13.90	\$13.50

Pro-Mix Organic Potting Mix



- Formulated with natural ingredients
- Suitable for all container planting needs
- Contains mycorrhizae for vigorous plants

COMPONENTS: Canadian sphagnum peat moss, peat humus, coir (coconut fiber), perlite, limestone, fertilizer and mycorrhizae



1 Cu. Ft. Loose Fill Bag		Ship Weight 14 + lb.		
Item #	Description	1-9	10-119	120/skid
PMR01010	Pro-Mix Organic Potting Mix	\$9.00	\$8.35	\$7.70

Pro-Mix Premium Potting Mix

Do you sell retail plants or have a garden center? If so, your customers will love this mix. Ideal for seed starting applications. Suitable for potting and re-potting plants. Ingredients: Canadian sphagnum peat moss; Peat humus; Polymer Gel (to hold extra water); Perlite; Limestone; Controlled release fertilizer (lasts up to 9 months); Mycorrhizae - GHA297 technology.

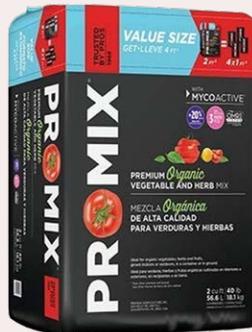


Item #	Description	1-9	10-34	35/Skid
PMR0305	Retail Potting Mix 2 Cu. Ft. Comp	\$20.80	\$20.50	\$20.00
Item #	Description	1-9	10-53	54/Skid
PMR1020	Retail Potting Mix 2 Cu. Ft. Loose Fill	\$16.00	\$15.00	\$13.80
Item #	Description (sold in full skids only)	Price /Bag	Bags/Skid	
PMR1010	Retail Potting Mix, 1 Cu. Ft Loose Fill	\$7.10	120=\$852.00	

PRO-MIX® Organic Vegetable & Herb Mix

- With MYCOACTIVE® technology
- Formulated with all-natural ingredients
- Contains a fertilizer that gradually feeds plants
- Suitable for all vegetable and herb garden needs

COMPONENTS: Canadian sphagnum peat moss, peat humus, perlite, gypsum, limestone, fertilizer and mycorrhizae.



Item #	Description	1-9	10-119	120/Skid
PMR3010	Vegetable & Herb Mix 1 CU. FT. Loose Fill	\$8.38	\$7.75	\$7.10
Item #	Description	1-9	10-53	54/Skid
PMR3020	Vegetable & Herb Mix 2 CU. FT. Loose Fill	\$14.80	\$13.75	\$12.65
Item #	Description	1-9	10-34	35/Skid
PMR0205	Vegetable & Herb Mix 2 CU. FT. Comp. = 4 cu. ft. loose	\$21.65	\$21.25	\$20.75

ASB Greenworld Mixes

An economical general purpose growing medium with fertilizer, wetting agent, starter charge and Canadian sphagnum peat moss.

GM15 is the original with 15% Perlite. Comparable to Pro-Mix LP15

WF10 has 10% perlite and 10% Woodfiber. Woodfiber is cheaper than perlite with similar performance. But tends to look drier over top, which requires different watering practices. Other ASB mixes available in skids lots upon request.



3.8 Cu. Ft. Compressed Bale		Ship Weight 68 + lb.		
Item #	Description	1-9	10-29	30/skid
AG-GM15	GM15 15% Perlite Mix	\$27.90	\$27.45	\$26.75
AG-WF10	WF10 10% Woodfiber Mix	\$27.50	\$27.05	\$26.40

2.8 Cu. Ft. Loose Fill Bag		Ship Weight 32+ lb.		
Item #	Description	1-9	10-44	45/skid
AG-WF1028	WF10 10% Woodfiber Mix	\$12.70	\$12.50	\$12.20

Coconut Coir

This 12" x 12" x 6" block yields 2 to 2.5 cu.ft. loose (with easy wet expansion). Coir is used as a soil amendment with peat and perlite or in place of peat moss for soil-less potting mixes. Less acidic than peat and has a higher water retention.



1/2 Cu.Ft. Compressed Block		Ship Weight 11+ lb.		
Item #	Description	1-24	25-99	100/Skid
CC02	Individually Wrapped	\$8.00	\$7.60	\$7.20
CC02B	Bulk skid of 220 blocks	\$1375=\$6.25 ea Bulk only		

Rice Hulls (Parboiled)

PBH Nature's Media Amendment is a uniquely processed rice hull product from Riceland Foods, Inc. with multiple uses in greenhouses and nurseries. Compressed packaging generates less waste, lowers freight costs and minimizes storage and handling. WSDA registered. **PBH as a media amendment:**

PBH is the perfect replacement for perlite in the growing media. Less dusty than Perlite. **PBH as a container top-dress:** Significantly improves weed control for just pennies per container.



Item #	Description	Yield	Wt.	1-15	16/Skid
RH50	Parboiled Rice Hulls	7 cu.ft.	50#	\$16.25	\$15.00

Vermiculite & Perlite

Horticultural grade. Both vermiculite and perlite are used to prevent soil compaction, improve aeration and retain moisture.

Vermiculite acts more like a sponge, holding more water than perlite and offering less aeration. **Perlite** retains water on its surface, but it is porous and allows excess water to drain more readily than vermiculite and improves soil aeration.

Item #	Description	Bag Size	1-32	33/Skid
TOV2	Vermiculite, Coarse 2A	4 Cu. Ft.	\$24.50	\$23.50
TOV3	Vermiculite, Fine 3A	4 Cu. Ft.	\$19.65	\$18.65
TOP6	Perlite, Coarse	4 Cu. Ft.	\$13.00	\$12.00
TOP8	PerL-Lome Perlite	8 Qt.	\$3.90	
TOV8-3	Mica-Grow Vermiculite	8 Qt.	\$4.80	

Black Gold All Purpose Mix

Nutrient rich blend great for indoor and outdoor container plantings. Provides superior moisture retention and drainage. Specially formulated with a controlled release fertilizer that feeds plants up to 6 months. Certified as a Premium Potting Mix by the Mulch and Soil Council. Ingredients: Canadian Sphagnum Peat Moss, Bark, Compost, Perlite or Pumice or Cinders, Earthworm Castings, Fertilizer, RESILIENCE.



2 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-39	40/skid
BGAP2	Black Gold All Purpose	\$12.20	\$11.35	\$10.45

Black Gold Natural & Organic Mix

An all-purpose mix recommended for containers and raised beds. Ensures good aeration. Certified as a Premium Potting Mix by the Mulch and Soil Council. Ingredients: Canadian Sphagnum Peat Moss, Bark, Perlite or Pumice or Cinders, Earthworm Castings, Organic Fertilizer, RESILIENCE.



2 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-39	40/skid
BGNO2	BG Natural & Organic	\$13.25	\$12.30	\$11.35

Black Gold Natural & Organic Raised Bed & Potting Mix

Ready-to-use for vegetables, herbs and flowers in outdoor raised beds or large pots and containers. Provides superior moisture retention with excellent drainage. Ingredients: Bark, Compost, Canadian Sphagnum Peat Moss, Earthworm Castings, Organic Fertilizer, RESILIENCE.



1.5 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-49	50/skid
BGRB15	BG Raised Bed	\$9.90	\$9.20	\$8.50

Growers Gold Potting Mix

Growers Gold is a premium, all-purpose potting mix suitable for both indoor and outdoor container gardening. It is formulated with high-quality ingredients like coco coir, peat moss, and perlite, which provide excellent moisture retention and aeration for healthy root development. A key feature is the inclusion of RESILIENCE®, a silicon-based ingredient designed to improve plant resistance to stress and wilting.



2 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-41	48/skid
SGG2	Growers Gold Potting Mix	\$13.15	\$12.20	\$11.25

Black Bear Growing Mix

Sunshine® Black Bear® Indoor & Outdoor Potting Mix is formulated with Black Bear® biochar, a sustainable alternative to perlite that optimizes aeration. The Black Bear® biochar in this bag has prevented CO2 greenhouse gas from entering the atmosphere.



1.5 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-49	50/skid
SGBB15	Sunshine Black Bear Potting Mix	\$13.15	\$12.90	\$12.60

Sun-Gro Metro-Mix 820

A medium textured, well drained growing mix for hanging baskets and potted crops. Ingredients: Canadian Sphagnum Peat Moss, Bark, Coarse Perlite, Dolomite Lime, Wetting Agent, RESILIENCE.



2.8 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-41	48/skid
SG820	Metro-Mix 820	\$13.00	\$12.75	\$12.50

60 Cu. Ft. Loose Filled Tote				
Item #	Description	1	2-3	4+
SG8206	Metro-Mix 820	\$313.00	\$305.00	\$297.00

Sun-Gro Metro-Mix 830

This versatile formula is a popular bark based mix. It is a fit for a wide range of crops grown in many container sizes from cell flats to larger pots and hanging baskets. Ingredients: Canadian Sphagnum Peat Moss, Bark, Perlite, Dolomite Lime, Wetting Agent, RESILIENCE.



2.8 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-41	48/skid
SG830	Metro-Mix 830	\$14.10	\$13.90	\$13.50
SG830-FB	Metro-Mix 830 Fine Bark	\$13.60	\$13.35	\$13.00

60 Cu. Ft. Loose Filled Tote				
Item #	Description	1	2-3	4+
SG8306	Metro-Mix 830	\$286.00	\$279.00	\$272.00

Sun-Gro Metro-Mix 852

Formulated with a higher bark percentage for outdoor containers and large interior pots making it an excellent choice in perennial, rose, and nursery production. It is an excellent mix for long term crops. Ingredients: Canadian Sphagnum Peat Moss, Perlite, Bark, Dolomite Lime, Wetting Agent, RESILIENCE.



2.8 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-41	42/skid
SG852	Metro-Mix 852	\$14.20	\$14.00	\$13.65

60 Cu. Ft. Loose Filled Tote				
Item #	Description	1	2-3	4+
SG8526	Metro-Mix 852	\$268.00	\$261.00	\$255.00

Magik-Moss Cactus Soil

This cactus or succulent mix has been professionally formulated to provide an excellent rooting media for your plants. Ready to use mixture is PH controlled, contains perlite and vermiculite for aeration and moisture retention. Perfect for all cactus and succulents.



Item #	Description	Price
MMCS8	8 Qt. Magik-Moss Cactus Soil	\$6.45

Black Kow® Composted Cow Manure

The all natural organic way to improve native soils is to start with Black Kow® composted cow manure -The "Mature Manure." Has 10 times more nutrients than typical garden soil, and 4 to 6 times more cow manure than other brands. Helps provide moisture holding capacity+0 sandy soils. Holds water and nutrients in the soil around the roots.



1 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-64	65/skid
BKM	Black Kow Composted Kow Manure	\$6.10	\$5.65	\$5.20

Black Kow® Organic Mushroom Compost

Mushroom compost is not made from ground up mushrooms as you might think. It's the soil used to grow mushrooms. Since mushrooms are such a delicate crop, the soil is used only once. It is then sterilized, composted, and bagged for home gardeners. This rich, soil-building medium is perfect for vegetable and flower gardens, hanging baskets, shrubs and trees.



40 lbs. Loose Fill Bag				
Item #	Description	1-9	10-64	65/skid
BKMC	Black Kow Mushroom Compost	\$6.15	\$5.70	\$5.30

Black Kow® Top Soil

This topsoil is a naturally occurring blend of organic material from a Florida peat deposit. Great for top-dressing entire lawns or just fixing bare spots. Mix with Black Kow® cow manure for planting trees and shrubs. Will store indefinitely.



45 lbs. Loose Fill Bag				
Item #	Description	1-9	10-59	60/skid
BKTS	Black Kow Top Soil	\$5.20	\$4.80	\$4.45

White Plastic Labels



Item #	White Plastic Labels	1-9	10+
PPL045	4-1/2" X 1" (1000/Roll - Perforated)	\$20.60	\$19.50
PPL04	4" x 5/8" (1000/Box - Loose)	\$27.50	\$26.25
PPL05	5" x 5/8" (1000/Box - Loose)	\$31.10	\$29.85
PPL07	7" x 5/8" (1000/Roll - Perforated)	\$32.00	\$30.75

Item #	White Plastic T-Signs	Price
PPLAT10	3" X 5" Angled T-sign, 10-3/4" height, 50/case	\$32.00
PPLAT16	2-1/2" X 4" Angled T-sign, 16" height, 50/case	\$34.00
PPLAT21	4" X 6-1/4" Angled T-sign, 20-1/4" height, 25/case	\$36.00
PPLATB	Base, fits all angled T-signs, 25/Case	\$48.50
PPL10	2-1/4" x 3-3/4" Flat T-sign, 10" height, 100/ Case	\$39.00

Plant Pro Potting Soil

Our exclusive organic potting mix, widely used by professional growers throughout the Midwest to start seeds. Made from sphagnum peat moss, vermiculite, sharp sand, and perlite enriched with Re-Vita Compost Plus, kelp, humate, rock phosphate and AZOMITE minerals. This time tested mix of nutrients enhances germination rate and steadily feeds starts for up to 8 weeks in small cell trays. Use on all house and bedding plants. Try it against your favorite soil! 1 bag fills 6 x 50 or 128-cell trays or 9 x 200-cell trays. Can be used in soil blocking.



33 liter (30 Dry Quarts)		1 Cu. Ft.		
Item #	Description	1-9	10-59	60/skid
OEFPPTS	Plant Pro Potting Soil	\$13.10	\$12.15	\$11.25

FoxFarm® Happy Frog® Potting Soil

Your potted plants deserve the best. Their roots can't seek out nutrition in the ground, so you have to bring it to them. That's why Happy Frog® Potting Soil is amended with soil microbes that can help improve root efficiency and encourage nutrient uptake. Between the earthworm castings, bat guano, and aged forest products, your container plants have never felt so good.



2 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-59	60/skid
FFPSHF	Fox Farm Happy Frog Potting Soil	\$17.75	\$16.50	\$15.25

FoxFarm® Ocean Forest® Potting Soil

Foxfarm's most popular potting soil, Ocean Forest® is a powerhouse blend of aged forest products, sphagnum peat moss, earthworm castings, bat guano, fish meal, and crab meal. Aged forest products, sandy loam, and sphagnum peat moss give Ocean Forest® its light, aerated texture. Start with Ocean Forest® and watch your plants come alive!



1.5 Cu. Ft. Loose Fill Bag				
Item #	Description	1-9	10-74	75/skid
FFPSOF	Fox Farm Ocean Forest Potting Soil	\$17.55	\$16.30	\$15.05

Permanent Markers

Garden Marker: Fast drying waterproof pen that contains filters for maximum fade resistance. Alcohol- based ink. Xylene free.



Sharpie®Marker: Fine point permanent marker.



Item #	Description	Price	Qty Price
GGA3	Black Garden Marker	\$2.20	25+\$2.00
GGA3000	Black Sharpie Marker	\$1.20	12+\$1.08

Liquid Chalk

Use with T-signs. Will not wash off from rain or general watering but it can be removed with a moist paper towel. Older writing (ghosting) can be cleaned with an alcohol based hand sanitizer.



Item #	Description	Price
GGA30	Liquid Chalk Markers, 3 pk - Red, Green, Blue	\$18.00



A Horticulture Machine To Do All Of The Following Tasks For You:

- Break Up Compressed Bales
- Mix Soil
- Fill/Compact And Brush



Standard

- Variable speed conveyor and lift auger.
- Fixed speed mixing reel.
- Mixing capacity is 1 to 1-1/2 compressed bales or 5 loose-fill bags.
- Max container size is 12" tall x 15" wide.
- Filling speed for a 10" x 20" tray is 600 trays per hour.
- Filling speed for larger containers will be less than trays.

Swivel Spout

- Has the same capacity and specs as the standard model with the addition of a filling spout that swivels 180° to the back for the benefit of filling larger planters/pots/totes/etc.
- Electric foot-pedal operation for lift auger when filling at the back.

BREAKS BALES, MIXES SOIL, FILLS & BRUSHES TRAYS, PLANTERS & POTS

HORTMAN SPECS

Standard & Swivel Sport
 Power: 230 Volt 20 Amp
 Weight: 900 lb
 Size: 109"L x 50"W x 75"H
 Conveyor Height: 41"



Hortman Auto Feeder also Available. Call for Price

An automated soil feeding unit that is attached to a swivel spout model. The automated soil feeder is designed to hold large amounts of soilless media and automatically feeds mixer as needed. Machine is sold as one unit. Feeder unit is not adaptable. Comes with watering valve.

SPECS

Power: 230 Volt 22 Amp
 Capacity: Approx. 64 cubic ft.
 Size: 108"L x 104"W x 75"H
 Conveyor Height: 41"

**Not designed for compressed towers.*

Item #	Description	Price
HFF	Hortman Flat Filler	\$8700.00
HFFS	Hortman Flat Filler With Swivel Spout	\$9200.00
HFF 2200B	Hortman Bale Buster with Swivel Spout	\$6600.00

How Much Potting Mix Do I need To Fill My Pots And Trays?

Round Pots			Nursery Pots			Plug Trays			Inserts		
3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag
Container			Container			Container			Container		
4"	302	122	300 custom	70	30	72 Rd.	112	50	606	40	16
5"	169	68	350 custom	67	28	98 Sq.	59	26	804	40	16
6"	99	41	400 custom	54	23	128 Sq.	55	24	806	48	19
7"	74	30	550 custom	43	18	200 Sq.	71	32	1004	45	48
8"	38	14	600 custom	32	14	288 Rd.	112	50	1006	48	18
10"	20	8	1000 custom	22		288 Sq.	112	50	1203	40	16
12"	13	5	1000S custom	26		406 Sq.	112	50	1204	45	18
8"x5"		67 pan	1200S custom	22		512 Sq.	102	45			

Square Pots			Azalea Pots			Hanging Baskets			Geranium Pots		
3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag	3.8 cu. comp. ft. bale		3 cu. ft. loose bag
Container			Container			Container			Container		
3"	857	343	4"	425	170	6"	135	54	4 1/2"	270	108
4"	392	157	5"	209	84	8"	68	27			
4 1/2"	250	100	6"	122	49	10"	33	15			
			6 1/2"	101	41						
			8"	47	19						
			10"	27	11						

This chart is provided as a guide. Estimating how many pots, etc. that a given mix volume will fill requires the consideration of several factors:

- Moisture content influences the number of pots filled.
- Filling and handling containers varies widely from grower to grower.
- Some growers fill and plant by hand, others use flat filler machines of various brands and models.
- The dimensions of a container may vary by manufacturer. For example, six inch pots are not all identical.

Here Is A Formula You Can Use To Figure The Approximate Amount Of Potting Soil You Need For Containers.

Gallons ÷ 7 x Number of Pots ÷ Cubic Feet of potting soil = Number of bales or bags needed
 Example: 2.3 gal. ÷ 7 x 100 pots ÷ 7.2 cu. ft. = 4.56 bales

A compressed bale of potting soil is approximately 7.0 to 7.5 cu. ft. (7.2 is the figure commonly used.) For loose filled bags use cubic feet stated on the bag.

To use this method for quarts the formula is: Quarts ÷ 4 ÷ 7 x Number of Pots ÷ Cubic Feet = Number of bales or bags.

To use this method for pints the formula is: Pints ÷ 8 ÷ 7 x Number of Pots ÷ Cubic Feet = Number of bales or bags.

Using this method for cubic inches for trays, inserts etc. will probably end up giving you more potting soil than you need, but here it is:

Cubic In. ÷ 28.875 ÷ 8 ÷ 7 x number of trays ÷ Cubic Feet = Number of bales or bags.

To calculate how many containers one bale or bag would fill the formula is: Gallons ÷ 7 ÷ Cubic Feet of potting soil = Number of containers filled.



Media Master Pot & Flat Filler

This versatile machine features both a bale buster and a flat/pot filler. Requires single phase 230VAC. Pre-wired with plug. Full load:14 amps.

Pot/flat filler features: Fills pots/flats up to 14" wide and up to 12" tall. The lever assembly height is easy and quick to adjust via a winch. Distribution chute is adjustable to evenly fill the pots and trays. Water resistant control panel features variable speed controls for the conveyor and for the supply auger.

Bale Buster features: A series of rotating arms: (pictured under the bale buster listing below) that quickly and thoroughly mix and loosen soil in less than a minute. Capacity of 21 Cu. Ft. Loose (3=3.8 cu.ft. compressed bales). Thorough mixing allows you to add additional product to your mix (root shield, fungicide etc). Convenient fill height of 34".

Overall Dimensions:113"width x 48" depth x 70" height.

Shipping weight: about 950 lbs.

Order early to ensure availability.



Item #	Description	Price
MM 2100	Model 2100 Pot/Flat Filler	\$10,800.00



Media Master™ Bale Shaver & Water Tunnel

On custom order basis: Bale Shaver for 110-135 cu ft towers & water tunnels to be used as stand-alone, or in line with flat filler. Optional top dress applicator and/or tray sanitizer. Call for info and pictures.

Media Master™ Bale Buster

Features a hopper with a capacity of 14 cu. ft. loose (2=3.8 cu. ft. compressed bales.)Has a series of rotating arms that mix and loosen soil in less than a minute. Thorough mixing allows you to add additional product to your mix (root shield, fungicide etc). Convenient fill height of 34". The supply auger and filling chute allows you to easily fill pots and trays manually.

Variable speed controls are optional, however typically not needed. Requires single phase 230VAC. Pre-wired and ready to plug in. Full load 10.3 amps

Overall Dimensions: 54" width x 48"depth x 69" height.

Shipping Weight: About 675 lbs.

Order early to ensure availability.

Item #	Description	Price
MM 1400	Model 1400 Bale Buster	\$6,650.00



Make it Unique!

Have questions or need something custom-made on the filler or bale-buster? Call us, or the manufacturer: Wilmer Hoover Ph: 717-859-1164



The Media Master™ Bale Buster now comes standard with caster wheels, similar to what is pictured on the Pot and Flat filler above.

Plastic Bench Tops, A-V International

- Polypropylene, UV protected
- Durable and lightweight, no sagging
- Can withstand extremely cold and hot temperatures
- Installs on any type of frame with screws or pop rivets
- Frame every 2 feet for flats, or pots less than 3 gallon.
- Easy interlocking assembly
- Flats, plug trays, and pots slide easily over surface
- Easy to clean and disinfect
- Will not rust or decay
- Inorganic, prevents the growth of mold and fungus
- No protruding wires or jagged metal edges
- Easy, positive interlocking feature on 48" sides, no clips required



Item #	Description	1-77	78+
PBT2448	24"x48" Plastic Bench Tops	\$14.75	\$14.05
Item #	Description	1-175	176+
PBT1836	Lightweight 18"x36" Bench Top	\$10.00	\$9.50



Greenhouse Benches

Heavy duty galvanized square tubing frame with reinforced smooth corners, SS fasteners and A-V plastic bench tops makes this bench exceptionally durable. Plastic bench tops prevent the growth of mold and fungi and outlast most other types of benches. Due to shipping/transport purposes benches are sold without legs. For easy to stow benches set on cement blocks.

Custom sizes available!
Ask for details.



Item #	Description	1-9	10+
GBT0408	4' x 8' Bench Tops	\$157.00	\$149.00
GBT0410	4' x 10' Bench Tops	\$186.00	\$175.00
GBT0412	4' x 12' Bench Tops	\$215.00	\$205.00

Set On Cement Blocks or use Leg Kit for 4', listed below, includes 4 legs and all hardware to install and brace.

Item #	Description	1-9	10+
GBL24	24" Leg Kit	\$70.00	\$65.00
GBL30	30" Leg Kit	\$73.00	\$68.00
GBL36	36" Leg Kit	\$76.00	\$71.00



potting soil

Bench Components

Build your own heavy-duty benches using these parts and plastic bench tops or galvanized wire mesh.



GGPC INSTALLED



GFA2121P



GFA2141F

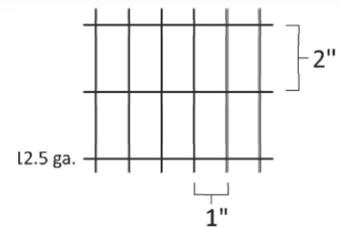


GGPC (bottom view)

Item#	Description	Price
GGPS150816	1.5" x 8' Sq. Galvanized tubing, 16 Ga.	\$13.00
GGPS151216	1.5" x 12' Sq. Galvanized Tubing, 16 Ga.	\$19.50
GGPA	Metal angle to fasten center support	\$0.70
GGPC	Galvanized Corner Bracket, designed to add strength and smoothen the corner	\$4.30
GFA2121P	#12 x 1 1/2" 410SS Pan Head Tek Screw To fasten corner and angle brackets	\$15.00 100/Pack
GFA21415F	#14 x 1-1/2" 410SS Flat Head Tek Screw To fasten plastic bench tops	\$14.00 50/Pack
GGPB	1 x 12" Aluminum Brace, use 2 per leg	\$2.60

Galvanized or Vinyl Coated Wire Mesh

This heavy-duty, 12.5 gauge, 1"x2" rectangles, galvanized wire mesh is great for greenhouse bench



Item #	Description	Price
GWM04	4' x 100' Galvanized Wire Mesh	\$500.00
GWM05	5' x 100' Galvanized Wire Mesh	\$620.00
GWM06	6' x 100' Galvanized Wire Mesh	\$735.00
GWM04C	4' x 100' Vinyl Coated Wire Mesh	\$605.00
GWM05C	5' x 100' Vinyl Coated Wire Mesh	\$760.00
GWM06C	6' x 100' Vinyl Coated Wire Mesh	\$910.00

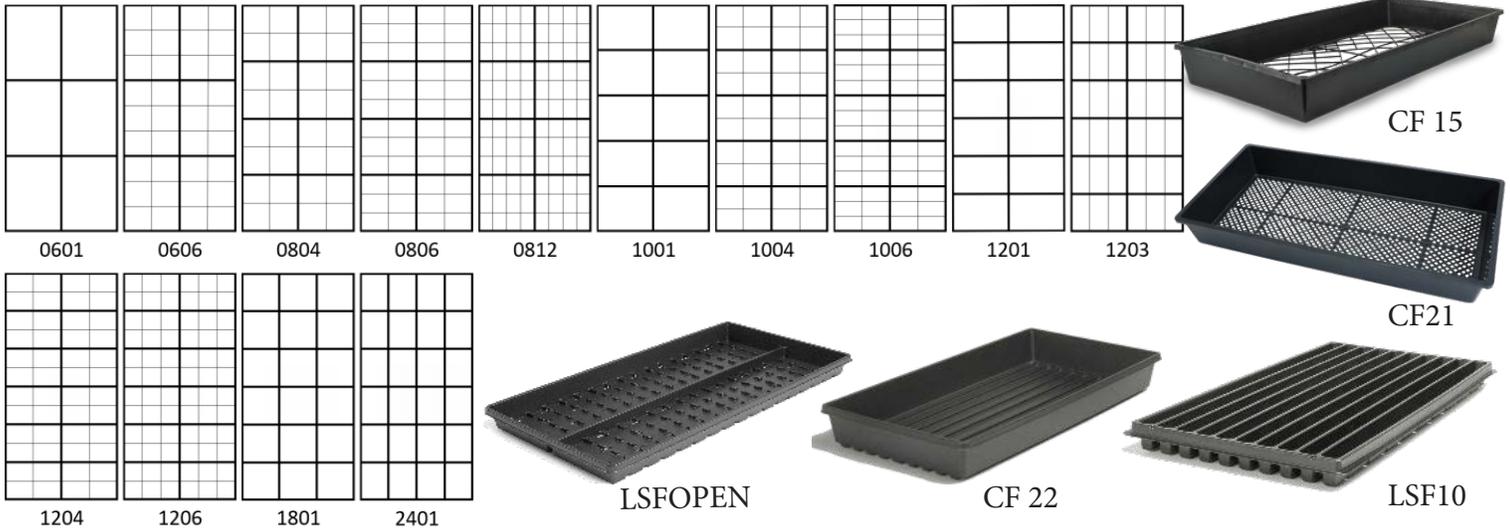
Auger Anchors & Turnbuckle



Item#	Description	Each	Case/12
GA A	Auger, 1/2" x 30", 4" diameter	\$9.85	\$9.35 ea
GA TB	Galvanized Turnbuckle, 1/2" x 6" take-up	\$13.30	

L Series Packs (Inserts) Standard 1020 Size

Call for price on 8+full skids



L Series Packs (Inserts) Standard 1020 SIZE (20.85" X 10.42") Perforated and easy to tear apart.

Item#	Description	Sheets/Cs	Skid Qty				Cell Dimensions			Pack Volume	
			1-5 Cs	6-31 CS	32 Cs	Mfg Code	Length	Width	Depth	Liquid	Cu. In.
IN 0601	601, 6 Packs of 1 cell	100	\$59.50	\$58.00	Ask	L601	6.44	4.85	2.33	1.13 qt	65.05
IN 0606	606, 6 Packs of 6 cells	100	\$52.50	\$51.00	Ask	L606	2.35	2.15	2.33	1.91 pt	55.10
IN 0804	804, 8 packs of 4 cells	100	\$52.50	\$51.00	Ask	L804	2.35	2.35	2.33	1.48 pt	42.72
IN 0806	806, 8 packs of 6 cells	100	\$52.50	\$51.00	Ask	L806	2.35	1.55	2.33	1.34 pt	38.81
IN 0812	812, 8 packs of 12 cells	100	\$59.50	\$58.00	Ask	STI812	1.52	1.13	2.33		
IN 1001	1001, 10 packs of 1 cell	100	\$59.50	\$58.00	Ask	STI1001	4.80	3.85	2.33		
IN 1004	1004, 10 packs of 4 cells	100	\$52.50	\$51.00	Ask	L1004	2.40	1.85	2.33	1.09 pt	31.44
IN 1006	1006, 10 packs of 6 cells	100	\$53.50	\$52.00	Ask	L1006	1.85	1.75	2.33	0.99 pt	28.63
IN 1201	1201, 12 packs of 1 cell	100	\$59.50	\$58.00	Ask	STI1201	4.85	3.15	2.33	1.01 pt	29.29
IN 1203	1203, 12 packs of 3 cells	100	\$52.50	\$51.00	Ask	L1203	3.15	1.55	2.33	0.89 pt	25.81
IN 1204	1204, 12 packs of 4 cells	100	\$51.50	\$50.00	Ask	L1204	2.35	1.45	2.33	0.87 pt	25.14
IN 1206	1206, 12 packs of 6 cells	100	\$53.50	\$52.00	Ask	L1206	1.55	1.55	2.33	0.75 pt	21.60
IN 1801	1801, 18 packs of 1 cell	100	\$52.50	\$51.00	Ask	L1801	3.10	3.10	2.33	0.64 pt	18.55
IN 2401	2401, 24 packs of 1 cell	100	\$52.50	\$51.00	Ask	L2401	3.10	2.25	2.33	0.44 pt	12.75

L Series Super Jumbo/ Deep Packs Standard 1020 Size (20.85" x 10.42") Perforated and easy to tear apart.

Item#	Description	Sheets/Cs	Skid Qty				Cell Dimensions			Pack Volume	
			1-5 Cs	6-31 CS	32 Cs	Mfg Code	Length	Width	Depth	Liquid	Cu. In.
INJ0606	606, 6 Packs of 6 cells	100	\$54.50	\$53.00	Ask	L606SJ	2.35	2.15	2.33	1.91 pt	55.10
INJ0804	804, 8 Packs of 4 cells	100	\$55.50	\$54.00	Ask	L804SJ	2.46	2.35	2.33	1.48 pt	42.72
INJ0806	806, 8 Packs of 1 cell	100	\$56.50	\$55.00	Ask	L806SJ	2.35	1.55	2.33	1.34 pt	38.81
INJ1204	1204, 12 Packs of 4 cells	100	\$55.50	\$54.00	Ask	L1204S	2.63	1.45	2.33	0.87 pt	25.14

L Series Trays, Carrying Trays, and Seeder Trays (Standard 1020 Size)

Item #	Description	Pieces/Cs	1-5 Cs	6-skid	Skid Qty	Mfg Code	Length	Width	Depth
CF 15	Lightweight Solid Side, Web Bottom Tray	50	\$36.50	\$35.50	54	IL1020ISSN	21.13	10.67	2.39
CF 2	Heavy Duty Almost Solid Side, Web Bottom	50	\$48.50	\$47.00	48	Beldin 694213	21.13	10.65	2.40
CF 21	Solid Side, Web Bottom Carry Tray	50	\$31.00	\$29.00	56	ICT21FL	21.1	11	2.36
CF 22	NCR Tray, Solid Side With Bottom Drain Hole	100	\$76.00	\$74.00	32	L1020NCR	21.22	10.80	2.33
CF 220	NCR Tray, Solid Side and Bottom , NO Holes	100	\$78.00	\$77.00	32	L1020NCRN	21.22	10.80	2.33
CF 22HD	NCR Tray, Solid Side with Bottom Drain Holes, Same as CF 22, but 50% Thicker plastic	75	\$77.00	\$75.00	32	L1020NCRHD	21.22	10.80	2.33
LSFOPEN	Open Seeder Tray, Solid Side, Slitted Bottom	100	\$112.00	\$109.00	32	136ST	21.22	10.80	2.33
LSF10	10 Row Seeder Tray, Solid Side, Slitted Bottom	100	\$114.00	\$111.00	32	PSEED10	21.22	10.80	2.33

Plug Sheets



Plug Sheets Standard 1020 Size (20.85" x 10.42") Lightweight, to use with a carry tray. (Example CF 15)								Skid Qty	Cell Configuration	Top Diameter	Cu. In. Per Cell
Item#	Description	Pcs/Cs	1-5 Cs	6-31 CS	32 Cs	Mfg Code	Depth				
LPSR0240	24 Round	100	\$70.00	\$68.00	Ask	24PSD	2.75	3 x 8 Staggered	2.63	8.17	
LPSR038	38 Round	100	\$68.00	\$66.00	Ask	38PS	2.38	2@7 and 3@8	2.25	6.80	
LPSR050	50 Round	100	\$62.00	\$60.00	Ask	50PS	2.38	5 x 10	2.00	4.60	
LPSR072	72 Round	100	\$64.00	\$62.00	Ask	72PS	2.38	6 x 12	1.50	2.54	
LPSR098	98 Round	100	\$72.00	\$70.00	Ask	98PS	1.63	7 x 14	1.38	1.69	
LPS018	18 Square	100	\$62.00	\$60.00	Ask	18SPSD	3.23	3 x 6	3.16	23.42	
LPS050	50 Square	100	\$96.50	\$94.00	Ask	50SPS	2.38	5 x 10	1.93	5.80	
LPS072	72 Square	100	\$64.00	\$62.00	Ask	72SPS	2.38	6 x 12	1.63	4.09	

Plug Trays



Plug Flats Standard 1020 Size (21.38" x 11.05") Heavy Duty, to use without a carry tray.								Cell Configuration	Top Diameter	Cu. In. Per Cell
Item#	Description	Pcs/Cs	1-5 Cs	6-31 CS	Skd Qty	Mfg Code	Depth			
LPT050	50 Square	100	\$118.00	\$115.00	24	P50	2.25	5 X 10	1.75	5.19
LPT0720	72 Square, Deep	100	\$103.00	\$100.00	32	P72SQD	2.38	6 X 12	1.63	4.45
LPT0722	72 Round, With Vent Holes	100	\$105.00	\$102.00	32	72FPT	2.25	6 X 12	1.49	2.52
LPT098	98 Square	100	\$114.00	\$111.00	32	P98	2.00	7 X 14	1.25	1.92
LPT128	128 Square	100	\$98.00	\$95.00	32	P128	2.00	8 X 16	1.25	1.68
LPT200	200 Square	100	\$101.00	\$98.00	32	P200	1.75	10 X 20	0.88	1.29
LPT288	288 Square	100	\$118.00	\$115.00	32	P288SQ	1.00	12 X 24	0.75	0.44
LPT288D	288 Square, Deep	100	\$126.00	\$123.00	32	P288SQD	1.75	12 X 24	0.75	0.61
LPT392	392 Square	100	\$128.00	\$125.00	32	P392	1.00	14 X 28	0.63	0.28
LPT406	406 Square	100	\$115.00	\$112.00	32	P406	1.00	14 X 29	0.63	0.28
LPT512	512 Square	100	\$104.00	\$101.00	20	P512	1.00	16 X 32	0.56	0.24

Hexagon Plug Flats Standard 1020 Size Heavy Duty, to use without a carry tray.								Cell Configuration	Top Diameter	Cu. In. Per Cell
Item#	Description	Pcs/Cs	1-5 Cs	6-31 CS	Skd Qty	Mfg Code	Depth			
LPH105	105 with root channels	100	\$100.00	\$97.00	32	105HEX	1.50	7 x 15	1.25 x 1.38	1.40

Seedling Trays



Seedling Trays Standard 1020 Size (21.23" x 10.80") Heavy Duty, to use without a carry tray.								Cell Configuration	Top Diameter	Cu. In. Per Cell
Item#	Description	Pcs/Cs	1-5 Cs	6-31 CS	Skd Qty	Mfg Code	Depth			
LST021	21 Count Rose pot w/channels	65	\$112.00	\$110.00	20	30ST	4.00	3 x 7	2.88	16.00
LST030	30 Count Rose pot w/ channels	50	\$86.00	\$84.00	32	30ST	3.50	2@8 & 2@7	2.50	10.50
LST038	30 Count Rose pot w/ channels	50	\$95.50	\$93.00	20	38ST	5.00	3@8 & 2@7	2.25	12.10
LST050	50 count Octagonal w / round bottom	55	\$102.50	\$100.00	20	50ST	4.50	5 x 10	1.88	8.80
LST072	72 Count Rose Pot w/ channels	50	\$82.00	\$80.00	32	72ST	3.25	3 x 12	2.25	4.20

Square Pots



Press Fit, Landmark Plastics							Stock Color Black		Dimensions			Volume		Compatible Transport Trays
Item #	Description	Pcs/Cs	1-5 Cs	6-31 Cs	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #			
PF 0225	2.25 Square	1920	\$83.00	\$81.00	36	225P	2.19	3.00	0.306 pt	8.85	PF 10225			
PF 03	3.00 Square	800	\$39.30	\$38.50	52	3PF800	2.63	2.25	0.375 pt	10.8	PF 1030			
PF 030	3.00 Square Deep	800	\$41.00	\$40.00	48	3PD800	2.63	3.50	0.59 pt	17.09	PF 1030			
PF 0320	3.25 Square Extra Deep	400	\$31.00	\$30.00	72	3PXD400	3.00	4.25	0.83 pt	23.98	PF 10320			
PF 040	4.00 Square	450	\$36.00	\$35.00	48	4PF450	3.50	3.50	1.05 pt	30.33	PF 1040, SCT4			
SCP4	4.00 Square	684	\$38.00	\$45.00	16	SCP350	3.54	3.54	1.08 pt	31.19	SCT4, PF 1040			
PF 0400	4.00 Square	450	\$49.50	\$48.00	32	4PXD	3.50	5.02	1.52 pt	43.94	PF 1040			
PF 045	4.50 Square	375	\$39.00	\$38.00	28	45P375	4.19	3.63	1.69 pt	48.82	PF 1045, 12 or 10			
PF 0450	4.50 Square Deep	375	\$47.50	\$46.00	28	45PD375	4.19	4.88	1.15 qt	66.64	PF 1045, 12 or 10			

Black With Label Slots, Beldin Plastics							Dimensions		Volume		Compatible Transport Trays	
Item #	Description	Pcs/Cs	1-5 Cs	6-31 Cs	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #	
BSP045	4.50 Jumbo Jr. Square	375	\$94.00	\$92.00	28	691525	4.13	5.00	1.05 qt	N/A	PF 1045, 12 or 10	
BSP05	5.25 Jumbo Square	200	\$90.00	\$88.00	40	6915150	5.25	5.25	1.71 qt	N/A	BST05	
BSP050	5.25 Jumbo Senior Square	200	\$94.00	\$92.00	40	691535	5.25	6.50	2.03 qt	N/A	BST050	
BSP06	6.00 Magnum Square	150	\$89.00	\$87.00	40	691543	6.00	6.50	2.79 qt	N/A	BST06	

Sheet of Pots



Lightweight pots in a perforated sheet, Landmark Plastics							Dimensions		Volume		Compatible Transport Trays	
Item #	Description	Pcs/Cs	1-5 Cs	6-31 Cs	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #	
LSP030	3.00 Square, 32 Count	100	\$74.00	\$72.00	24	3SQP	2.45 x 2.47	3.00	0.387 pt	11.17	PF 1030, L Series	
LSP033	3.50 Square, 18 Count	100	\$62.50	\$61.00	32	35SPWB	3.53 X 3.51	3.00	0.84 pt	24.20	PF 1040, L Series	
LSP0350	3.50 Square, 18 Count Deep	100	\$76.00	\$74.00	20	35SPXD	3.48 X 3.47	3.50	0.92 pt	26.55	PF 1040 L Series	
LSP045	4.50 Square, 15 Count	100	\$123.00	\$120.00	32	45SP	4.09 X 4.09	3.65	1.55 pt	44.85	PF 1045, L series	

Square Pot Trays



Square Pot Trays, Landmark Plastics							Dimensions			Compatible Transport Trays	
Item #	Description	Pcs/Cs	1-5 Cs	6-31 Cs	Skd Qty	Mfg Code	Length	Width	Depth	Item #	
PF 10225	2.25 Square Pot Tray, 32 Count	100	\$87.50	\$85.00	40	2SPT32	18.10	9.12	2.25	PF 0225	
PF 1030	3.00 Square Pot Tray, 32 Count	100	\$87.50	\$85.00	32	LPF32TRY	21.23	10.79	1.50	PF 03,PF030	
PF 10320	3.25 Sq. Extra Deep Tray, 20 Count	100	\$109.00	\$106.00	36	3PXD20	15.19	12.19	2.00	PF 0320	
PF 1040	4.00 Square Pot Tray, 18 Count	100	\$77.00	\$75.00	32	LPF18TRY	21.23	10.79	2.31	PF 040, PF 0400, SCP4	
SCT4	4.00 Square Pot Tray, 18 Count	110	\$81.00	\$79.00	32	SCT350-18	21.26	10.83	1.97	SCP4, PF 040, PF 0400	
PF 1045	4.50 Square Pot Tray, 15 Count	50	\$52.50	\$51.00	32	LPF15TRY	21.10	12.71	2.31	PF 045, PF 0450, BSP0450	
PF 104512	4.50 Square Pot Tray 12 Count	100	\$94.50	\$92.00	20	L45PF12	16.97	12.75	2.31	PF 045, PF 0450, BSP0450	
PF 104510	4.50 Square Pot Tray 10 Count	90	\$71.00	\$69.00	30	45SPT10	20.94	8.44	2.02	PF 045, PF 0450, BSP0450	
BST05	Jumbo Square Pot Tray, 8 Count	50	\$193.00	\$188.00	18	698140	21.25	10.90	3.25	BSP05	
BST06	Magnum Square Pot Tray, 6 Count	50	\$155.00	\$151.00	18	694225	18.00	12.00	3.25	BSP06	

Water-Matic Trays

Reservoir holds water while elevated overflow holes ensure that excess water is drained.



Item #	Description	Pcs/Cs	1-5 Cs	6-Skid	Mfg Code	Length	Width	Depth	Compatible Pots		
LWM45	4.50 Round/Square Tray, 8 Ct. 2 x 4 Spaced	100	\$142.50	\$139.00	45RSWM	20.05	10.13	2.44	See above, and all 4.5" Round		

Round Thermoformed Pots



pots and containers

Flexible sidewall with rim design that has good hoop strength.

Item #	Description	Pcs/Cs	Dimensions				Volume		Compatible Transport Trays		
			1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #
TWT4	4.00 Round, Black	825	\$59.50	\$58.00	42	4RMGT	4.00	3.49	1.02 pt	29.40	SRT040, RCT4
RCP4	4.00 Round, Black	1650	\$75.10	\$74.00	16	RCP400	4.00	3.50	1.00 pt	28.88	RCT4, SRT040
TWT43	4.33 Round, Black	765	\$61.50	\$60.00	36	43RMGT	4.33	3.90	1.25 pt	35.60	SRT043, 10
TWT45	4.50 Geranium, Black	450	\$44.25	\$43.00	48	45RMGT	4.50	4.02	1.37 pt	39.70	SRT045, 12
TWT5	5.00 Azalea, Black	440	\$48.50	\$47.00	48	5AMGT	5.00	3.61	1.67 pt	48.21	SRT050
TWT6	6.00 Azalea, Black	220	\$35.50	\$34.50	48	6AMGT	6.00	4.38	1.40 qt	81.04	SRT060, RCT6
RCP6	6.00 Azalea, Black	660	\$74.65	\$73.50	20	RCP600	6.00	4.49	1.50 qt	86.63	RCT6, SRT060
TWT65	6.50 Azalea, Black	240	\$36.00	\$35.00	48	65AMGT	6.50	5.00	2.08 qt	120.12	SRT065
TWT75	7.50 Azalea, Black	220	\$53.50	\$52.00	27	75AMGT	7.50	5.71	3.02 qt	174.50	

Round Injection Molded Pots



TWP030



LTW045



LTW060



LTW065



Azalea Pots

Heavy Duty, Rigid

Item #	Description	Pcs/Cs	Dimensions				Volume		Compatible Transport Trays		
			1-5 Cs	6-31 Cs	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #
TWP030	3.00 Standard Round	1750	\$156.00	\$152.00	28	KOBA	3.00	2.75	0.4375 pt	12.63	SRT030
Choose color for above pots: Clay, Green, Lime Green, Pink, Baby Blue, White. Add color behind item # to order, example : "TWP030 Clay".											
LTW045	4.50 Black Geranium	900	\$130.00	\$126.00	36	IG450MG	4.50	4.00	1.27 pt	36.74	SRT045,12
LTW060	6.00 Black Azalea	252	\$63.50	\$62.00	48	IA600MP	6.00	4.75	1.57 qt	90.80	SRT060
TWP065	6.50 Black Azalea	246	\$75.00	\$73.00	28	KOBA	6.50	5.13	1.66 qt	115.52	SRT065
TWP070	7.00 Green Azalea	264	\$115.00	\$112.00	28	KOBA	7.00	5.50	2.16 qt	151.62	
TWP080	8.00 Green Azalea	206	\$108.00	\$105.00	18	KOBA	8.00	6.25	1.00 gal	231.04	
TWP100	10.00 Green Azalea	36	\$39.00	\$38.00	40	KOBA	10.00	7.50	1.75 gal	404.32	
TWP120	12.00 Black Azalea	25	\$77.00	\$75.00	42	BELDEN	12.00	9.00	3.00 gal		



SRT030



SRT040



SRT04512



SRT060

Round Transport Trays

Round Pot Transport Trays

Item #	Description	Pcs/Cs	Dimensions				Compatible Pots			
			1-5 Cs	6-Skid	Skd Qty	Mfg Code	Length	Width	Depth	Item #
SRT030	3.00 Round, 12 Count 3 x 4 White	146	\$205.00	\$200.00	N/A	KOBA	12.00	9.00	3.00	TWP030
SRT040	4.00 Round, 15 Count 3 x 5	100	\$120.00	\$117.00	14	4TP15PS	20.25	12.13	3.50	TWT4, RCP4
RCT4	4.00 Round, 15 Count 3x5	80	\$73.00	\$72.50	28	RCT400-15	20.00	12.01	3.62	RCP4, TWT4
SRT043	4.33 Round, 10 Count 2 x 5	100	\$85.00	\$83.00	40	43TP	21.63	8.63	4.06	TWT43
SRT04312	4.33 Round, 12 Count, 3 x 4	100	\$123.00	\$120.00	20	43TP12	17.22	13.00	4.12	TWT43
SRT045	4.50 Round, 15 Count 3 x 5	90	\$146.00	\$142.00	16	45TPPP	23.06	14.06	3.94	TWT45, LTW045
SRT04512	4.50 Round, 12 Count 3 x 4	75	\$92.50	\$90.00	24	45TP12	18.99	14.11	3.96	TWT45, LTW045
SRT050	5.00 Round, 8 Count, 2 x 4	100	\$111.00	\$108.00	36	T5TP	20.00	10.00	3.75	TWT5
SRT060	6.00 Round, 6 Count, 2 x 3	100	\$116.00	\$113.00	30	6TP	17.64	11.50	4.25	TWT6, LTW060, RCP6
RCT6	6.00 Round, 6 Count, 2 x 3	100	\$75.15	\$74.00	28	RCT600-6	17.99	12.01	4.61	RCP6, TWT6, LTW060
SRT065	6.50 Round, 6 Count 2 X 3	100	\$125.00	\$122.00	28	65TP	19.63	13.00	5.25	TWT65, LTW065



Thermoformed has a flexible sidewall with rim that has good hoop strength.

Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dimensions		Volume	
							Dia.	Depth	Liquid	Cu. In.
TWT85	8.00 Black, Thermoformed	130	\$38.50	\$37.00	30	8MPMGT	8.00	5.00	3.04 qt	175.44
TWT85T	8.00 Terra Cotta, Thermoformed	130	\$49.50	\$48.00	30	8MPMGT	8.00	5.00	3.04 qt	175.44
MUM85	8.00 Green, Injection Molded	258	\$147.00	\$144.00	25	IMP800	8.00	5.00	3.09 qt	178.49
TWT96	9.00 Black, Thermoformed	140	\$44.50	\$43.00	25	9MPMGT	9.00	5.90	1.18 gal	271.90
RCP9	9.00 Black, Thermoformed	240	\$63.35	\$62.00	20	RCP900	9.00	6.00	1.26 gal	291.06
TWT96T	9.00 Terra Cotta, Thermoformed	140	\$57.50	\$56.00	25	9MPMGT	9.00	5.90	1.18 gal	271.90
HP 10M	10.00 Black, Thermoformed	125	\$65.00	\$63.00	40	Haviland	10.75	7.85	2.25 gal	520
HP10MT	10.00 Terra Cotta, Thermoformed	125	\$74.00	\$72.00	40	Haviland	10.75	7.85	2.25 gal	520
HP 12M	11.00 Black, Thermoformed	115	\$84.50	\$82.00	32	Haviland	11.80	8.10	2.80 gal	647

Blow-Molded, strong and flexible. Nursery Supply

Item #	Diameter	Height	Volume	Pcs/Sleeve	1-5 Cs	6-Skid	Skid Qty	Trade Size
C300	6.38	7.25	0.73 gal	100	\$20.15	\$19.00	92	#1
C350	8.00	5.13	0.77 gal	130	\$28.25	\$27.00	64	Small Mum Pan
C400	7.75	7.00	1.00 gal	92	\$23.65	\$22.00	70	#1
C550	9.00	6.13	1.21 gal	97	\$28.25	\$26.50	50	Mum Pan
C600	9.00	8.50	1.50 gal	105	\$44.55	\$42.90	50	#2
C1000S	10.13	7.50	1.95 gal	75	\$40.15	\$38.70	36	# 2 (Squat Mum Pot)
C1000	10.13	9.13	2.25 gal	70	\$26.70	\$25.70	36	# 2
C1200S	11.00	7.50	2.32 gal	60	\$35.50	\$34.15	32	# 2+(Squat Mum Pot)
C1200	11.00	9.50	3.00 gal	56	\$33.40	\$32.10	32	# 3
C1600	11.88	10.13	3.58 gal	47	\$38.70	\$37.25	28	# 5
C2000	11.88	11.00	3.84 gal	44	\$46.85	\$45.05	28	# 5
C2100	14.00	9.88	5.17 gal	31	\$52.00	\$50.00	27	# 5
C2800	14.00	11.50	6.08 gal	31	\$37.15	\$35.75	27	# 7
C4000	15.75	15.00	9.16 gal	27	\$76.00	\$74.00	16	# 10
C6900	18.38	15.13	13.35 gal	18	\$61.10	\$58.75	15	# 15
C10,000	23.75	18.13	27.17 gal	10	\$47.90	\$46.05	15	# 25



Competitive pricing doesn't mean compromising quality. Econo Line Blowmolded containers a lightweight yet durable.

Item #	Description	Pcs/Sleeve	1-5 Cs	6-Skid	Skid Qty	Mfg Code	Dimensions		Volume	
							Dia.	Depth	Liquid	Cu. In.
BMC0200	BM200	100	\$15.50	\$14.50	18,900	BM200	6.50	6.30	0.718 gal	165.86
BMC0350	BM350S	50	\$9.00	\$8.00	15,000	BM350s	7.99	5.11	0.932 gal	215.29
BMC0400	BM400	50	\$9.50	\$8.75	11,600	BM400	7.60	7.00	1.00 gal	231.00
BMC0550	BM550S	50	\$10.25	\$9.00	11,250	BM550s	8.97	6.30	1.20 gal	277.20
BMC0600	BM600	50	\$18.50	\$17.25	8000	BM600	9.20	8.20	1.50 gal	346.50
BMC0900	BM900	50	\$18.50	\$17.25	7000	BM900	9.50	9.10	1.94 gal	448.14
BMC1000S	BM1000s Squat	50	\$14.25	\$13.00	6400	BM1000s	10.10	7.50	2.00 gal	462.00
BMC1000	BM1000	50	\$17.75	\$16.50	6300	BM1000	9.80	9.40	2.25 gal	519.75
BMC1200S	BM1200S Squat	50	\$18.00	\$16.00	6400	BM1200s	11.00	7.40	2.30 gal	531.30
BMC1200S	Side Panch 1200S	50	\$18.00	\$16.00	6400	BM1200s	11.00	7.40	2.30 gal	531.30
BMC1200	BM1200	50	\$21.25	\$19.75	5250	BM1200	10.80	9.00	3.00 gal	693.00
BMC1600s	BM1600 Squat	50	\$24.50	\$22.75	4320	BM1600s	11.85	7.87	3.58 gal	826.98
BMC2000	BM2000	40	\$28.40	\$26.40	3840	BM2000	11.90	11.20	3.84 gal	887.04
BMC2000s	BM2000 Squat	50	\$43.00	\$40.00	2700	BM2000s	13.90	9.80	5.54 gal	1279.74
BMC15000	BM15000	20	\$62.80	\$58.30	500	BM15000	18.10	16.00	13.35 gal	3083.85
BMC25000	BM25000	ea	\$6.55	100+\$6.30	400	BM25000	23.60	19.50	27.18 gal	6278.58



Nursery Containers, Thermoformed



TWTT1Q



TWTT1



HP 100



TWTT2



HP300

Flexible sidewall with rim that has good hoop strength.

Item #	Description	Pcs/Cs	Dimensions				Volume		Compatible Trays		
			1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #
TWTT1Q	True Quart, 4.75" Black	600	\$80.00	\$78.00	24	TQTMGT	4.75	5.27	1.02 qt	59.10	SRT1Q
TWTT1	Trade Gallon, 6.50" Black	200	\$30.00	\$29.00	48	65NTGT	6.50	6.50	2.50 qt	144.00	SRTT1
HP 075	Trade Gallon, 6.50" Black	145	\$21.70	\$21.00	104	HP-075	6.50	6.60	2.50 qt	144.00	SRTT1
HP 100	True Gallon, 8.00" Black	170	\$46.50	\$45.00	70	HP-100	8.00	6.87	1.00 gal	231.00	NCCS1
TWTT2	Trade 2 Gallon, 9" Black	100	\$36.00	\$35.00	24	85NT2G	8.50	9.00	1.50 gal	346.20	
HP 175	Trade 2 Gallon, 8.5" Black	150	\$57.50	\$56.00	54	HP-175	9.00	8.50	1.50 gal	346.00	
HP 200	True 2 Gallon, 9.75" Black	140	\$55.50	\$54.00	46	HP-200	9.75	9.12	2.00 gal	462.00	
HP 300	True 3 Gallon, 11.00" Black	120	\$67.00	\$65.00	36	HP-300	11.00	9.69	3.00 gal	693.00	
HP 400	Trade 4 Gallon, 12.22" Black	55	\$43.50	\$42.00	48	HP-400	12.22	10.37	3.60 gal	827.00	
HP 500	True 4 Gallon, 12.20" Black	55	\$44.50	\$43.00	48	HP-500	12.22	11.63	4.02 gal	924.00	

Nursery Containers, Injection Molded



NCT1



NC S1



NC T2



NC T3

Heavy Duty, Rigid

Item #	Description	Pcs/Cs	Dimensions				Volume		Compatible Trays		
			1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.	Item #
NC T1	300 Trade Gallon Black	68	\$34.00	\$33.00	42	INCTGAL	6.13	6.87	2.64 qt	152.06	NCCT1
NC S1	400 True Gallon Black	75	\$62.50	\$50.61	30	INCSGAL	7.15	7.00	1.01 gal	232.38	NCCS1
NC T2	600 Trade 2 Gallon Black	65	\$73.00	\$71.00	29	INCT2GAL	8.04	8.50	1.47 gal	339.17	
NC T3	1000 Trade 3 Gallon Black	59	\$113.00	\$110.00	16	INCT3GAL	10.41	9.50	2.79 gal	644.41	

Nursery Container Transport Trays



SRTT1



NCCT1

Nursery Containers Carrying Trays

Item #	Description	Pcs/Cs	Dimensions				Volume		Compatible Pots	
			1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Length	Width	Depth	Item #
SRT1Q	4.75" True Quart, 12 Count	60	\$96.50	\$94.00	24	QTWLL12	19.00	14.12	4.81	TWTT1Q
SRTT1	6.50" Trade Gallon, 6 Count	50	\$80.00	\$78.00	42	TGOF6	19.63	13.00	6.71	TWTT1
NCCT1	300 Trade Gallon, 6 Count	50	\$56.50	\$55.00	36	3QTCT	19.50	12.75	2.50	NCT1

Nursery Containers, Blow Molded



HPP05S



HPP10



HPP27

Heavy Duty, Rigid

Item #	Description	Pcs/Cs	Dimensions				Volume		
			1 - 5 Cs	6 - Skid	Skd Qty	Diameter	Depth	Liquid	Cu. In.
HPP05S	5 Gallon, 500 Squat Series	30	\$44.50	\$43.00	48	14.00	10.00	5.00 Gal	1155
HPP06	6 Gallon, 700 Series	30	\$44.50	\$43.00	48	14.00	11.50	6.08 Gal	1405
Item #	Pots below sold by the piece	1-99	100-Skid	Skid Qty+	Skid Qty	Diameter	Depth	Liquid	Cu. In.
HPP07S	7 1/2 Gallon, 700 Squat Series	\$2.95	\$2.65	\$2.45	640	16.00	11.00	7.82 Gal	1806
HPP09S	10 Gallon, 1000 Squat Series	\$3.60	\$3.25	\$3.00	640	17.80	12.00	10.49 Gal	2423
HPP10	10 Gallon, 1000 Series	\$3.50	\$3.15	\$2.90	560	16.50	14.75	10.67 Gal	2465
HPP13	13-1/2 Gallon, 1500 Series	\$3.65	\$3.30	\$3.05	480	18.20	16.00	13.66 Gal	3155
HPP20	20 Gallon, 2000 Series	\$5.50	\$5.15	\$4.90	260	20.00	17.00	20.04 Gal	4629
HPP27	27-1/2 Gallon, 2500 Series	\$6.10	\$5.65	\$5.40	300	24.00	18.00	27.50 Gal	6353

Hanging Baskets



SHBE10L Hanger

SHB210



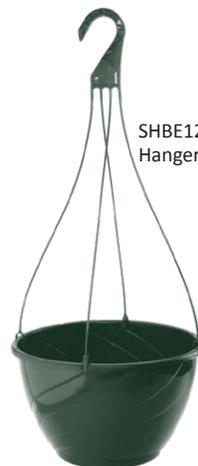
SHBE10LCB Hanger

SHB710CB



SHBE10L Hanger

SHB311



SHBE12G Hanger

SHB212G



SHBI18 Hanger

SHB511

Hanging Baskets, Landmark Plastics							Dimensions		Volume		Compatible Hangers	
Item #	Description (Saucerless = Inside Saucer)	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid Gal.	Cu. In.	Item #	
SHB710	White 10" Imperial Deco, Saucerless	50	\$40.50	\$39.00	50	IIHB10	10.00	6.50	1.50	346.50	SHBE10, E10L, W10	
SHB710G	Green 10" Imperial Deco Saucerless	50	\$40.00	\$38.50	50	IIHB10	10.00	6.50	1.50	346.50	SHBE10G, LG, W10	
SHB710CB	Choc. Brown 10" Imperial, Saucerless	50	\$40.50	\$39.00	50	IIHB10	10.00	6.50	1.50	346.50	SHBE10LCB, W10	
SHB210	White 10" Contempo Swirl, Saucerless	50	\$43.50	\$42.00	50	ICT10	9.88	6.00	1.28	295.05	SHBE10, E10L, W10	
SHB210G	Green 10" Contempo Swirl, Saucerless	50	\$42.50	\$41.00	50	ICT10	9.88	6.00	1.28	295.05	SHBE10G, LG, W10	
SHB311	White 11" Traditional, Tag Slot, Saucerless	50	\$69.00	\$67.00	50	ICHB11	11.00	7.00	1.75		SHBE10, 10L, W10	
SHB311G	Green 11" Traditional, Tag Slot, Saucerless	50	\$72.00	\$70.00	50	ICHB11	11.00	7.00	1.75		SHBE10G, 10LG, W10	
New Mold! Heavy built, high density plastic, in-rim / over rim / wire hanger attachment design.												
SHB212	White 12" Deco Swirl, Saucerless	25	\$45.50	\$44.00	48	IDS12	11.81	7.22	2.25	520.23	SHBE12, SHBW12	
SHB212G	Green 12" Deco Swirl, Saucerless	25	\$46.50	\$45.00	48	IDS12	11.81	7.22	2.25	520.23	SHBE12G, SHBW12	
SHB212B	Black 12" Deco Swirl, Saucerless	25	\$46.50	\$45.00	48	IDS12	11.81	7.22	2.25	520.23	SHBE12B, SHBW12	
SHB212TC	Terra Cotta 12" Deco Swirl, Saucerless	25	\$46.50	\$45.00	48	IDS12	11.81	7.22	2.25	520.23	SHBE12TC, SHBW12	

Hanging Baskets, HC Companies							Dimensions		Volume		Compatible Hangers	
Item #	Description (Saucerless = Inside Saucer)	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid Gal.	Cu. In.	Item #	
SHB511	White 11" Traditional, Saucerless	50	\$73.00	\$71.00	50	HTS11000	10.75	6.50	1.73	400	SHBI18, E10, E10L, W10	
SHB511G	Green 11" Traditional, Saucerless	50	\$71.00	\$69.00	50	HTS11000	10.75	6.50	1.73	400	I18G, 10G, 10LG, W10	

Hangers

Hangers, for above baskets								
Item #	Description	Pcs/Pk	Price/Pack	Pcs/Cs	Price/Case	Mfg Code	Type	Compatible Baskets
SHBE10	White 16" Plastic, 3 Strand	25	\$8.85	450	\$154.00	I16ACL	Double Clip	SHB710, 210, 511
SHBE10G	Green 16" Plastic, 3 Strand	25	\$8.85	450	\$154.00	I16ACL	Double Clip	SHB710G, 210G, 511G
SHBE10L	White 19" Plastic, 3 Strand	25	\$11.00	450	\$192.50	I19SPCL	Double Clip	SHB710, 210, 511
SHBE10LG	Green 19" Plastic, 3 Strand	25	\$11.00	450	\$192.50	I19SPCL	Double Clip	SHB710G, 210G, 511G
SHBE10LCB	Choc. Brown 19" Plastic 3 Strand	50	\$21.00	450	\$180.00	I19SPCL	Double Clip	SHB710CB
SHBI18	White 18.75" Plastic, 3 Strand	50	\$22.50	500	\$193.50	HZP3LSNO	Double Clip	SHB511
SHBI18G	Green 18.75" Plastic 3 Strand	50	\$22.50	500	\$193.50	HZP3LSNO	Double Clip	SHB511G
SHBE12	White 22" Plastic, 4 Strand	25	\$7.25	500	\$139.00	K22ACL	Double Clip	SHB212
SHBE12G	Green 22" Plastic, 4 Strand	25	\$7.25	500	\$139.00	K22ACL	Double Clip	SHB212G
SHBE12B	Black 22" Plastic, 4 Strand	25	\$7.25	500	\$139.00	K22ACL	Double Clip	SHB212B
SHBE12TC	Terra Cotta 22" Plastic, 4 Strand	25	\$7.25	500	\$139.00	K22ACL	Double Clip	SHB212TC
SHBW10	21" Wire Galvanized, 3 Strand	50	\$12.00	500	\$115.00	Z21LH50	Wrapped Wire	SHB710, 210, 511
SHBW12	24" Wire Galvanized 4 Strand	50	\$14.85	250	\$71.00	Z24164STW	Wrapped Wire	SHB212

Hanging Baskets KOBA



SHB406



SHB408



SHB4105C



Trench Tek (Bottom View)



SHB411



SHB412

4.5" through 12" include plastic hangers.

Item #	Description (Saucerless = Inside Saucer)	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Hangers	Dimensions		Volume		
							Dia.	Depth	Liquid	Cu. In.	
SHB4045	White 4.5" Traditional w/Snap-on Saucer	132	\$97.50	\$95.00	18	12" 3 Strand	4.50	4.38	1.60 pt	46.93	
SHB406	White 6" Traditional w Snap/on Saucer	160	\$144.00	\$142.00	18	12" 3 Strand	6.00	4.13	1.16 qt	68.59	
SHB408	White 8" Fluted, Saucerless	84	\$85.00	\$83.00	50	17" 3 Strand	8.00	5.13	0.70 gal	162.40	
SHB4105	White 10.5" Trench Tek	96	\$90.00	\$88.00	40	17" 3 Strand	10.50	6.00	1.25 gal	288.60	
SHB4105C	Terra-Cotta 10.5" Trench Tek	96	\$91.00	\$89.00	40	17" 3 Strand	10.50	6.00	1.25 gal	288.60	
SHB4105G	Green 10.5" Trench Tek	96	\$91.00	\$89.00	40	17" 3 Strand	10.50	6.00	1.25 gal	288.60	
SHB411	White 11.00" Traditional, Trench Tek	50	\$50.50	\$49.00	32	19" 3 Strand	11.00	6.38	1.73 gal	400.20	
SHB411G	Green 11" Traditional, Trench Tek	50	\$51.00	\$49.50	32	19" 3 Strand	11.00	6.38	1.73 gal	400.20	
SHB411B	Black 11.00" Traditional, Trench Tek	50	\$51.00	\$49.50	32	19" 3 Strand	11.00	6.28	1.73 gal	400.20	
Trench Tek Hanging Baskets. Base design eliminates need for inside saucer resulting in less labor and cost.											
SHB412	White 12.00" Curved, Saucerless	50	\$105.50	\$103.00	24	22" 4 Strand	12.00	7.25	2.37 gal	548.70	
SHB412C	Terra-Cotta 12.00" Curved, Saucerless	50	\$106.50	\$104.00	24	22" 4 Strand	12.00	7.25	2.37 gal	548.70	
SHB412G	Green 12.00" Curved, Saucerless	50	\$106.50	\$104.00	24	22" 4 Strand	12.00	7.25	2.37 gal	548.70	

Hanging Baskets Belden Plastics



SHB514C



BHG10



Heavy Duty Basket with matching strong wire hanger.

Item #	Description (Saucerless = Inside Saucer)	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Hangers	Dimensions		Volume	
							Dia.	Depth	Liquid	Cu. In.
BHG10	White 10" Hanging Garden, Snap-on Saucer	25	\$100.50	\$98.50	40	21" 3 Strand	10.00	5.50	1.20 gal	277.20
SHB512	White 12" Traditional, Saucerless	25	\$87.00	\$85.00	42	22" 4 Strand	11.70	7.00	2.28 gal	526.70
SHB512B	Black 12" Traditional, Saucerless	25	\$88.00	\$86.00	42	22" 4 Strand	11.70	7.00	2.28 gal	526.70
SHB514	White 14" Traditional, Saucerless	25	\$168.00	\$165.00	42	26" 4 Strand	14.00	8.25	3.96 gal	914.70
SHB514C	Clay 14" Traditional, Saucerless	25	\$168.00	\$165.00	42	26" 4 Strand	14.00	8.25	3.96 gal	914.70
SHB514G	Green 14" Traditional, Saucerless	25	\$168.00	\$165.00	42	26" 4 Strand	14.00	8.25	3.96 gal	914.70
SHB514B	Black 14" Traditional, Saucerless	25	\$168.00	\$165.00	42	26" 4 Strand	14.00	8.25	3.96 gal	914.70

Jiffy-7® - Peat Pellets

This Pellet with a soft pre-formed center is held together by fine netting, ensuring optimum air/water exchange, and is filled with high-quality substrate and then compressed to form a handy pellet. Just add water, and the pellet grows to up to seven times its size.



Item #	Description	Quantity	1-5 Cases	6+ Cases
JIF7	Jiffy-7 Peat Pellets	1000/Box	\$68.00	\$66.00

Jiffy Strips®

These peat pots are 100% biodegradable and come in strips that fit standard 1020 trays (see page 10) and can be torn into individual pots for easy planting.



JIF525



JIF516



JIF519

Item #	Description	Pot Dia.	Pots/Strip	Pots/Case	1-5 Cases	6+ Cases
JIF525	#525 fits 32 pots in standard 1020 carry tray	2.50"	8	2304	\$138.00	\$135.00
JIF516	#516 fits 50 pots in standard 1020 carry tray	1.75"	10	5100	\$187.00	\$183.00
JIF519	#519 fits 72 pots in standard 1020 carry.	1.50"	12	5040	\$264.00	\$259.00

Decorative Planters



DPS14



DPF14



DPH1450CB



DPU12



DPP18



DPV18T

Khan Saturn Pots, Round		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPS10	10" Terra-Cotta	50	\$52.00	\$51.00	40	KSAT10	11.48	7.86	2.05 gal	473.60
DPS12	12" Terra-Cotta	40	\$65.00	\$63.00	30	KSAT12	13.45	9.27	3.45 gal	797.30
DPS14	14" Terra-Cotta	30	\$87.50	\$85.00	16	KSAT14	15.87	11.19	5.76 gal	1330.60
DPS14T	14" Tan	30	\$87.50	\$85.00	16	KSAT14	15.87	11.19	5.76 gal	1330.60
DPF14	14" Fluted, Terra-Cotta	30	\$59.00	\$57.00	16	KFPN14	14.25	9.50	3.62 gal	836.60

Hickory Barrel (Wood Look), Round		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPH1450CY	14.50" Cayenne (Barrel Look)	30	\$102.00	\$100.00	36	KCT380	14.50	10.50	4.50 gal	1036
DPH1450CB	14.50" Chocolate Brown	30	\$74.00	\$72.00	36	KCT380	14.50	10.50	4.50 gal	1036

2 Piece Sparta Urn		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPU12	12" White Urn	25	\$68.00	\$66.00	48	KCZ305	11.80	11.60	1.60 gal	374
DPU12BLK	12" White Urn	25	\$59.50	\$58.00	48	KCZ305	11.80	11.60	1.60 gal	374

Botanica series, Large Round		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPV18T	17.75" Tan, Vineyard	15	\$103.00	\$100.00	18	KCFP18	17.75	13.75	8.10 gal	1886
DPV18	17.75" Bronze, Vineyard	15	\$114.00	\$111.00	18	KCFP18	17.75	13.75	8.10 gal	1886
DPP18	17.50" Bronze, Prestige	20	\$112.00	\$109.00	18	KCF018	17.50	14.25	7.85 gal	1814
DPP18BW	17.50" Basil Wash (green), Prestige	20	\$127.00	\$125.00	18	KCF018	17.50	14.25	7.85 gal	1814



DPTB12CB



DPSQ11

DPSQ15T



DPO16



LPB714



DPO12

Treasure Bowls		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPTB12	12" Terra-Cotta	50	\$50.00	\$48.00	48	KTSB12	12.00	5.67	1.55 gal	359.10
DPTB12CB	12" Chocolate Brown	50	\$50.00	\$48.00	48	KTSB12	12.00	5.67	1.55 gal	359.10
DPTB14	14" Terra-Cotta	50	\$83.00	\$81.00	48	KTSB14	14.00	5.75	2.09 gal	482.10

Serene and Tetra Squares		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPSQ075TA	7.50" Tan	100	\$81.00	\$79.00	60	KSMSQ75	7.50	7.25	1.11 gal	256.70
DPSQ11	11.50" Terra-Cotta	25	\$44.50	\$43.00	48	KSMQ115	11.50	10.00	3.50 gal	807.50
DPSQ15T	14.75" Terra-Cotta	20	\$81.50	\$79.00	32	KCF380	14.75	12.00	6.60 gal	1543

Ovals		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPO12L	12" Khan, Fluted Terra-Cotta	100	\$79.50	\$77.00	32	KOVL12	13 x 5.0	4.00	0.62 gal	143.40
DPO12	11.50" Panterra, Terra-Cotta (HC Companies)	50	\$108.00	\$105.00		PAP1200	13 x 6.5	5.00	0.97 gal	223.00
DPO16	16" Fluted, Terra-Cotta	50	\$77.00	\$75.00	36	KOVL16	16 x 6.75	6.00	1.82 gal	419.50
DPO16S	Saucer For 16" Oval	50	\$40.00	\$39.00		KOVSL16	14.64 x 5.76	1.00		

Planter Box, Rectangular		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
LPB714	7 x 14" Terra-Cotta	100	\$182.50	\$178.00	36	X714PB	7x14	4.19	1.36 gal	315.19



Deck Pots, Round (Made in USA)		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DP 06	6" Terra-Cotta	240	\$124.50	\$117.00	40	KOBA	6.00	5.25	1.5 Quart	86.62
DP 08	8" Terra-Cotta	150	\$101.50	\$99.00	18	KOBA	8.00	6.00	0.80 gal	184.79
DP 10	10" Terra-Cotta, Trench Tek	70	\$79.00	\$77.00	32	KOBA	10.00	7.50	1.80 gal	425.90
DP 12	12" Terra-Cotta	48	\$84.00	\$82.00	24	KOBA	12.00	9.00	3.50 gal	808.60
DP 14	14" Terra-Cotta	20	\$63.50	\$62.00	27	KOBA	14.00	11.75	5.50 gal	1270.70

Curved Deck Pots, Round (Made in USA)		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPC16HS	16" Honey Suckle	18	\$80.00	\$78.00	18	KOBA	16.00	12.20	6.00 gal	1418.80
DPC20HS	20" Honey Suckle	Per Piece	\$9.50	\$9.25	100 pcs	KOBA	20.00	15.50	13.50 gal	3118.80

Cut Flower Bucket

Solid base allowing for top-heavy blooms (Made in USA)		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
CFB10	10" Black, no drain holes	30	\$40.50	\$39.00	40	KOBA	10.00	9.00	2.25	519.80

Grow Pans

Trench Tek bottom conserves water. (Made in USA)		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Compatible Hangers Pg.14	Dia.	Depth	Liquid	Cu. In.
PAN080	8" Green Deko Pan	246	\$155.00	\$151.00	18	SHBE10G, LG, W10	8.00	4.00	0.525 gal	125.00
PAN100	10" Green Deko Pan	130	\$109.00	\$106.00	40	SHBE10G, LG, W10	10.00	4.50	1.05 gal	248.00
PAN120	12" Green Deko Pan	116	\$155.00	\$151.00	24	SHBE12G, SHBW12	12.00	5.00	1.56 gal	365.00

Large Planter, HC Companies		Price per case					Dimensions		Volume	
Item #	Description	Pcs/Cs	1 - 11 Pc	12+	Skd Qty	Mfg Code	Dia.	Depth	Liquid	Cu. In.
DPUC19	19" Clay Centabella Urn	Each	\$12.50	\$11.60	400 pcs	CBU1900	19.00	15.00	11.40 gal	2360
DPUC19S	19" Sand Stone Centabella Urn	Each	\$12.50	\$11.60	400 pcs	CBU1900	19.00	15.00	11.40 gal	2360
DPUC19G	19" Green Centabella Urn	Each	\$12.50	\$11.60	400 pcs	CBU1900	19.00	15.00	11.40 gal	2360

Corrugated Retail Flats

Item #	Description	Less Than Bundle	Bundle Qty, 2 Per Skid	Length	Width	Depth
CFC	Infold, (Pop-UP)	Pack/20 \$0.50 = \$10.00	960/Bndl \$0.47 = \$451.20	16.00	12.00	3.00
CFCB	Flat, Folding W/ Tabs	Stack/350 \$0.40 = \$144.00	1400/Bndl \$0.36 = \$504.00	16.00	12.00	3.00



True Series Inserts & Trays True 10" x 20" size. (These are NOT standard size.)



True 10" x 20" Size. (These are NOT standard size) For illustrations of pack layout see page 5		Cell Dimensions							Pack Volume		
Item #	Description	Sheets/Cs	1-5 Cs	6-35 Cs	Skid 36 Cs	Mfg Code	Length	Width	Depth	Liquid	Cu. In.
INT0804	T 804, 8 Packs OF 4 Cells	100	\$52.50	\$51.00		T804	2.28	2.24	2.61	1.52 pt	44.00
INT0806	T 806, 8 Packs of 6 Cells	100	\$53.50	\$52.00		T806	2.28	1.50	2.61	1.42 pt	40.90
INT1203	T 1203, 12 Packs of 3 Cells	100	\$53.00	\$52.00		T1203	3.03	1.53	2.61	0.97 pt	28.06
INT1204	T 1204, 12 Packs of 4 Cells	100	\$51.50	\$50.00		T1204	2.25	1.45	2.61	0.94 pt	27.16
INT1206	T 1206, 12 Packs of 6 Cells	100	\$53.50	Close Out		T1206	1.45	1.44	2.61	0.81 pt	23.40
INTJ0606	T 606, Super Jumbo Pack	100	\$55.50	\$54.00		T606SJ	2.21	2.03	3.25	1.14 qt	65.54
INT1801	T 1801, Sheet of Pots	100	\$62.00	\$60.00		T1801SP	3.14	3.18	3.27	0.78 pt	22.58
CFT1	T Web Bottom Carrying Tray	100	\$67.00	\$65.00		ITIM	20.00	10.00	2.63		

Market Packs & Handles

3 of these fit per CFT1 tray (see above)		Cell Dimensions					Pack Volume				
Item #	Description	Pcs/Cs	1 - 5 Cs	6 - Skid	Skd Qty	Mfg Code	Length	Width	Depth	Liquid	Cu. In.
LMT6	306 Pack, T Pot 6 count	300	\$81.00	\$79.00	32	TPP6	10.11	6.73	3.50	0.72 pt	20.75
LMHD	19" White Handle for above	100	\$34.00	\$33.00	20/CS	19SEH	19.00	1.00			



Multi-Formes Baskets



HBC14 (Basket)
HBE22B (Hanger)



HBB14F (Basket)
HBE22GC (Hanger)



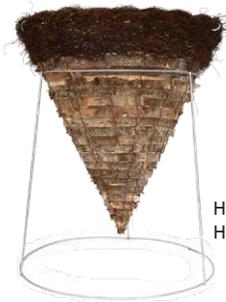
HBB14C (Basket)
HBE22GC (Hanger)



HBR14BC (Basket)
HBE22GC (Hanger)



HBW14C (Basket)



HBB14C (Basket)
HBWCS (Stand)



HBR14GC (Basket)



Coco Fiber Nest Baskets, Black Wire		Price per Case						
Item #	Description	Pcs/ Cs	1-5 Cs	6-Skid	Skid Qty	Mfg Code	Depth	Volume
HBC12	12" Coco Fiber Nest Basket	12	\$114.00	\$111.00	36	400-J12CO	6.50	2.13 gal
HBC14	14" Coco Fiber Nest Basket	12	\$129.00	\$126.00	45	400-J14CO	7.00	3.13 gal
HBC16	16" Coco Fiber Nest Basket	12	\$146.50	\$143.00	30	400-J16CO	7.00	4.25 gal
HBC1625	16" Coco Fiber Basket w/ 4 strand wire hanger	25	\$175.00	\$172.00		Panacea	Not quite as deep as above	

Black Wire Hangers for all above Baskets		Price Per Case						
Item #	Description	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Mfg Code		
HBE22B	22" 3 Strand, Open Hook Hanger	12	\$49.00	\$48.00	30	400-HK22PN		

Pre-formed Replacement Coco Nest Liners		Price Per Case						
Item #	Description	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Mfg Code		
HBC12L	12" Coco Replacement Liner	12	\$28.00	\$26.00	36	401- L12		
HBC14L	14" Coco Replacement Liner	12	\$33.00	\$31.00	36	401- L14		
HBC14L	16" Coco Replacement Liner	12	\$39.00	\$37.00	36	401- L16		

Decorative Baskets, Natural Bark and Wicker with Plastic Liner		Price Per Case						
Item #	Description	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Mfg Code	Depth	Volume
HBB14F	14" Flat Bark Basket	12	\$142.50	\$139.00	24	750-61	6.00	2.00 gal
HBB14C	14" Cone Bark Basket	12	\$142.50	\$139.00	24	750-62	15.00	2.25 gal
HBW14C	14" Cone Wicker & Rice Basket	12	\$133.50	\$130.00	24	750-12	15.00	2.25 gal
HBR14GC	14" Cone Green Rope and Twig Basket	12	\$146.50	\$143.00	24	750-36	15.00	2.25 gal
HBR14BC	14" Cone Black and Tan Rope Basket	12	\$158.50	\$155.00	24	750-70	15.00	2.25 gal
HBWCS	Wire Stand for Cone Baskets	12	\$84.00	\$82.00	12	780-VAL		

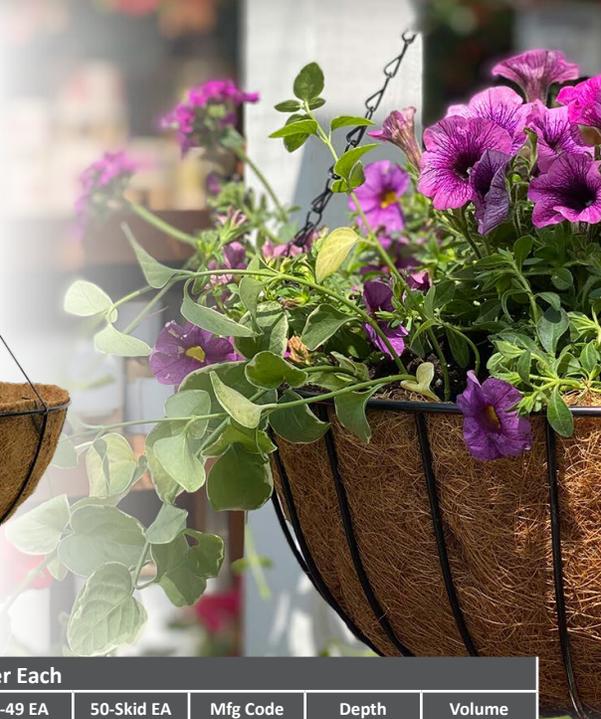
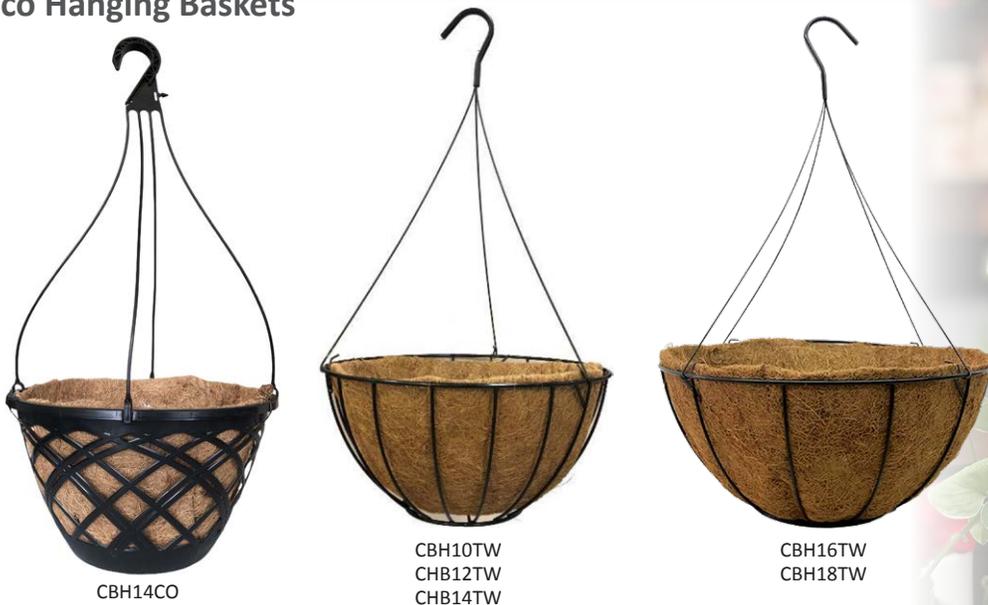
Galvanized Hangers for all above Baskets		Price Per Case						
Item #	Description	Pcs/Cs	1-5 Cs	6-Skid	Skid Qty	Mfg Code		
HBE22G	22" 3 Strand, Galvanized WIRE Hanger	12	\$19.00	\$18.50	24	400-HK22		
HBE22GC	22" 3 Strand, Galvanized CHAIN Hanger	12	\$63.50	\$62.00	24	400-CH22		

Decorative Cone Hanging Baskets



Decorative Baskets, Hangers included, Plastic Lined		Price per Each					
Item#	Description	1-9 EA	10-49 EA	50-Skid	Mfg Code	Depth	Volume
WCB14CR	14" Charcoal Rattan Cone Basket with wire stand	\$5.75	\$5.55	\$5.35	WCB14CR	13.80	2.45 GAL
WCB14BT	14" Brushwood and Knotty Twigs Cone B w/wire stand	\$6.25	\$6.00	\$5.80	WCB14BT	13.80	2.45 GAL
WCB14BR	14" Black Rattan Cone Hanging Basket with wire stand	\$4.80	\$4.65	\$4.45	WCB14BR	13.80	2.45 GAL
WCB14TR	14" Twisted Rattan Cone Basket with wire stand	\$7.15	\$6.90	\$6.65	WCB14TR	13.80	2.45 GAL
WCB14OB	14" Natural Rattan Cone Basket with wire stand	\$6.45	\$6.25	\$6.00	WCB14OB	13.80	2.45 gal
WCB14CB	14" "Grass" Rattan Cone Basket with wire stand	\$5.80	\$5.60	\$5.40	WCB14CB	13.80	2.45 gal
WCB14PC2	14" Plastic Cone Hanging Basket with wire stand	\$6.05	\$5.80	\$5.60	WCB14PC2	13.80	2.45 GAL

Coco Hanging Baskets



Coco Baskets, Hangers Included, Plastic Lined		Price Per Each					
Item #	Description	1-9 EA	10-49 EA	50-Skid EA	Mfg Code	Depth	Volume
CHB10TW	10" Coco Traditional Basket w/ 3 strand wire hanger	\$2.10	\$2.00	\$1.90	CHB10TW	5.5	1 gal.
CHB12TW	12" Coco Traditional Basket w/ 3 Strand wire hanger	\$2.50	\$2.40	\$2.30	CHB12TW	6.5	2 gal.
CHB14CO	14" Lattice Coco Hanging Basket w/ 3 Strand Hanger	\$3.65	\$3.55	\$3.40	HB1400CO	\$7.95	2.9 Gallon
CHB14TW	14" Coco Traditional Basket w/3 strand wire hanger	\$3.25	\$3.10	\$3.00	CHB14TW	7.0	3 gal.
CHB16TW	16" Coco Traditional Basket w/4 Strand wire hanger	\$4.10	\$3.95	\$3.80	CHB16TW	7.0	4 gal.
CHB18TW	18" Coco Traditional Basket w/4 Strand wire hanger	\$6.30	\$6.10	\$5.85	CHB18TW	8.0	6 gal.

Decorative Planters



CSP117H



CSP690CBFY

CSP690CBM



CSP861MA

CSP861MB



CSP891NS

CTIES08WC



CSP203H



CSP077M



CSP1180
CSP1206



CSP1051M

Square Planters		Price Per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CSP117H	24" Harvest Garden Window Box, Drift Wood	\$19.35	4+\$18.00	148	24x17	13.50	14.50 gal
CSP117E	17" Harvest Garden Square, Drift Wood	\$11.90	4+\$11.45	222	17	13.50	8.30 gal
CSP1180	16" Havana Square, Black Stone	\$13.90	10+\$13.40	180	16.14	24.17	
CSP1206	12" Havana Square, Black Stone	\$7.25	\$7.00	576	12.20	18.19	
CSP690CBFY	16" Medley Square, Brushed Foggy Grey	\$4.15	\$4.00	870	16.00	14.00	8.20 gal
CSP690CBM	16" Medley Square, Brushed Metallic Cappuccino	\$4.15	\$4.00	870	16.00	14.00	8.20 gal
CSP690HBFY	14.5" Medley Square, Brushed Foggy Grey	\$3.00	\$2.90	1224	14.50	12.00	5.60 gal
CSP690HBM	14.5" Medley Square, Brushed Metallic Cappuccino	\$3.00	\$2.90	1224	14.50	12.00	5.60 gal
CSP203H	14" Estate Square, Black Bronze	\$4.35	\$4.15	1053	14.00	11.90	6.20 gal
CSP077M	12" Tuscany Deco Square, Black Bronze	\$4.35	\$4.15	816	12.30	10.50	4.10 gal
CSP861MA	11" Pumpkin Deco Square, Light Copper	\$1.10	\$1.05	3200	11.00	8.50	2.00 gal
CSP861MB	11" Pumpkin Deco Square, Brushed Orange	\$1.10	\$1.05	3200	11.00	8.50	2.00 gal
CSP1051M	10" Art Deco Square, Black Bronze	\$1.70	\$1.65	2800	9.80	9.60	2.40 gal
CSP891NS	8" Empire Square, Silver	\$0.85	\$0.80	5580	8.00	6.90	1.10 gal
CSP891NW	8" Empire Square, Warm Copper	\$0.85	\$0.80	5580	8.00	6.90	1.10 gal



CDP1094DW

CDP1094DC



CDP2072MA

CDP2072MC



CDP1094KW



CDP1094MC

Wood Look Round Planters		Price			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP1094DW	16" Cask Planter with band, Drift Wood	\$3.80	\$3.65	864	15.70	11.00	5.70 gal
CDP1094DC	16" Cask Planter with Band, Chestnut	\$3.80	\$3.65	864	15.70	11.00	5.70 gal
CDP2072MC	14.7" Whiskey Barrel, Mahogany Copper Band	\$3.25	\$3.15	1170	14.70	10.00	4.90 gal
CDP2072MA	14.7" Whiskey Barrel, Brown Ash Black Band	\$3.25	\$3.15	1170	14.70	10.00	4.90 gal
CDP1094KW	12" Cask Planter with Band, Drift Wood	\$1.95	\$1.90	1968	11.80	8.00	2.30 gal
CDP1094KC	12" Cask Planter with Band, Chestnut	\$1.95	\$1.90	1968	11.80	8.00	2.30 gal
CDP1094MW	10" Cask Planter with Band, Drift Wood	\$1.50	\$1.45	4460	9.80	6.60	1.50 gal
CDP1094MC	10" Cask Planter with Band, Chestnut	\$1.50	\$1.45	4460	9.80	6.60	1.50 gal

Decorative Planters



Round Planters		Price Per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP157ES	18" Fiona Planter, Silver	\$4.35	\$4.20	990	17.90	14.00	7.80 gal
CDP157EB	18" Fiona Planter, Brushed Metallic Cappuccino	\$4.35	\$4.20	990	17.90	14.00	7.80 gal
CDP157EDG	18" Fiona Planter, Powdered Greystone	\$4.35	\$4.20	990	17.90	14.00	7.80 gal
CDP1814DF	16" Commack Planter, Faux Apatite/Light Concrete	\$6.30	\$6.10	318	16.00	12.80	7.00 gal
CDP1814DB	16" Commack Planter, Burgundy Stone/Light Concrete	\$6.30	\$6.10	318	16.00	12.80	7.00 gal
CDP1426CK	15" Morris Planter, Chalk	\$4.00	\$3.85	702	15.20	11.70	6.00 gal
CDP1426CW	15" Morris Planter, Weathered Rock	\$4.65	\$4.45	702	15.20	11.70	6.00 gal



Round Planters		Price per Each			Dimensions		Volume
Item#	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP077E	18" Tuscany Planter, Black Bronze	\$5.30	\$5.10	660	17.80	14.30	7.70 gal
CDP077M	13" Tuscany Planter, Black Bronze	\$3.45	\$3.35	872	13.20	10.10	3.00 gal
CDP077RB	10" Tuscany Planter, Black Bronze	\$1.80	\$1.75	2300	9.70	9.10	1.80 gal
CDP077RS	10" Tuscany Planter, Silver	\$1.80	\$1.75	2300	9.70	9.10	1.80 gal
CDP099AAM	21" Castella Planter, Mettalic Grey	\$6.70	\$6.45	476	21.00	15.00	12.60 gal
CDP099AAW	21" Castella Planter, Warm Copper	\$6.70	\$6.45	476	21.00	15.00	12.60 gal
CDP099AAB	21" Castella Planter, Brushed Metallic Cappuccino	\$6.70	\$6.45	476	21.00	15.00	12.60 gal
CDP099AW	17" Castella Planter, Warm Copper	\$3.95	\$3.85	678	17.30	12.60	7.00 gal
CDP099AB	17" Castella Planter, Brushed Metallic Cappuccino	\$3.95	\$3.85	678	17.30	12.60	7.00 gal
CDP099F	13" Castella Planter, Warm Copper	\$3.10	\$2.95	2340	13.20	10.00	3.20 gal
CDP1126D	15" Camelot Planter, Cocoa Berry	\$3.40	\$3.25	2244	15.00	12.00	5.30 gal

Decorative Planters



CDP2147



CDP1002



CDP1119



CDP1051M



CDP861MA



CDP861MB



CDP891NS



CDP891NW

Round Planters		Price Per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP2147	13" Daisy Octagon Planter, Silver	\$1.65	\$1.60	1692	13.39	9.06	2.90 gal
CDP1002	12" Winston Planter, Silver	\$2.20	\$2.15	2325	11.70	9.45	2.70 gal
CDP1119	12" Petal Planter, Distressed White	\$2.80	\$2.70	1830	11.93	8.58	2.20 gal
CDP1051M	11" Art Deco Round Planter, Black/Gold	\$1.10	\$1.05	3392	10.50	8.30	2.00 gal
CDP861MA	11" Pumpkin Deco Planter, Light Copper	\$0.95	\$0.90	3712	10.90	8.10	2.00 gal
CDP861MB	11" Pumpkin Deco Planter, Brushed Orange	\$0.95	\$0.90	3712	10.90	8.10	2.00 gal
CDP891NS	8" Empire Planter, Silver	\$0.70	\$0.65	5580	8.00	6.30	1.00 gal
CDP891NW	8" Empire Planter, Warm Copper	\$0.70	\$0.65	5580	8.00	6.30	1.00 gal



Round Planters		Price Per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP2056	21.5" Grapevine Planter, Gold Brush	\$8.65	\$8.35	268	21.26	16.14	14.25 gal
CDP2055	18" Grapevine Planter, Gold Brush	\$5.40	\$5.20	410	18.11	13.78	9.00 gal
CDP2126	12" Grapevine Planter, Gold Brush	\$1.95	\$1.85	2244	12.20	9.00	2.65 gal



CDU901AB
CDU901B
CDU901ADC
CDU901ADF



CDU987HC
CDU987HW



CDU157MS
CDU157MW



CDU077M



CDU1041HB
CDU1041HS

Round Planters		Price Per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDU901AB	17.5" Classic Urn, Brushed Champagne	\$11.15	4+\$10.75	204	17.50	24.50	8.50 gal
CDU901ADC	17.5" Classic Urn, Powdered Cappuccino	\$11.15	4+\$10.75	204	17.50	24.50	8.50 gal
CDU901ADF	17.5" Classic Urn, Powdered Foggy Grey	\$11.15	4+\$10.75	204	17.50	24.50	8.50 gal
CDU901B	15.5" Classic Urn, Brushed Champagne	\$7.95	\$7.65	288	15.50	21.50	5.80 gal
CDU987HC	13.7" Torino Urn, Chalk	\$3.15	\$3.00	720	13.70	15.50	3.80 gal
CDU987HW	13.7" Torino Urn, Warm Copper	\$3.15	\$3.00	720	13.70	15.50	3.80 gal
CDU157MS	12" Fiona Urn, Silver	\$2.50	\$2.40	984	11.90	10.90	3.00 gal
CDU157MW	12" Fiona Urn, Warm Copper	\$2.50	\$2.40	984	11.90	10.90	3.00 gal
CDU077M	13.8" Tuscany Deco Urn, Black Bronze	\$4.55	\$4.40	444	13.80	12.00	2.50 gal
CDU1041HS	13.8" Tulip Urn, Silver	\$2.75	\$2.65	1206	13.80	11.00	2.50 gal
CDU1041HB	13.8" Tulip Urn, Black Bronze	\$2.76	\$2.65	1206	13.80	11.00	2.50 gal

Decorative Planters



pots and containers



CDP1094K



CDP1481M



CDP1178M



CDP1031HS



CDP1031HW

Misc Bowls		Price per Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP1031HW	11" Welcome Planter, Warm Copper	\$2.65	\$2.50	1416	11.50	8 (23 w/trellis)	2.20
CDP1031HS	11" Welcome Planter, Silver	\$2.65	\$2.50	1416	11.50	8 (23 w/trellis)	2.20
CDP1094K	12" Cask Tub Bowl with Band, Vintage Wood	\$2.00	\$1.95	2400	12.00	5.20	1.7
CDP1481M	12" Cooper Pan, Patina Copper	\$2.25	\$2.15	1620	12.00	4.5	1.60
CDP1178M	10" Prisma Bowl, Rose Copper	\$1.85	\$1.80	2520	10.00	5.50	1.10



CWB347BS



CWB347BW



CWB1094K



CWBS1491C



CWBS1491W



CWB1530T

Window Boxes		Price Per Each			Dimensions		Volume
Item #	Description	1-25 Pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CWB347BW	24" Canterbury Railing Window Box, Warm Copper	\$6.65	\$6.40	528	23.8 x 11.8	9.10	6.30 gal
CWB347BS	24" Canterbury Railing Window Box, White Stone	\$6.65	\$6.40	528	23.8 x 11.8	9.10	6.30 gal
CWB1094K	12" Cask Window Box with Band, Vintage Wood	\$2.65	\$2.55	2200	12.0 x 7.0	5.90	1.50 gal
CWBS1491C	13" Adelyn Window Box, Charcoal Stone	\$2.25	\$2.20	3510	12.6 x 4.5		0.80 gal
CWBS1491W	13" Adelyn Window Box, White Stone	\$2.25	\$2.20	3510	12.6 x 4.5		0.80 gal
CWB1530T	11.5" Home Sweet Home Oval, Powdered Ginger	\$1.05	\$1.00	4956	11.5 x 6.3	6.00	1.00 gal.



CDP1126D



CDP1891FG

CDP1891FB



CDP375C



CDP1020H



CDP1178L



CDP1560H

Tall Round Planters		Price Each			Dimensions		Volume
Item #	Description	1-25 pc	25+	Skid Qty	Dia.	Depth	Liquid Gal.
CDP1126D	13.7" Camelot Tall Planter, Silver	\$8.25	\$7.65	324	13.70	19.00	8.00 gal
CDP1891FG	Cylinder Tall Planter, Granite	\$8.10	\$7.50	666	14.00	19.00	7.50 gal
CDP1891FB	Cylinder Tall Planter, Basalt	\$8.10	\$7.50	666	14.00	19.00	7.50 gal
CDP375C	16" Woven Blossoms Tall Planter Warm Copper	\$5.20	\$4.95	750	16.00	13.00	6.00 gal
CDP1020H	12" Saturn Tall Planter, Silver	\$3.15	\$3.05	1224	12.10	12.00	3.50 gal
CDP1178L	12" Prisma Planter, Rose Copper	\$1.85	\$1.80	2520	12.00	9.40	2.50 gal
CDP1560H	11" Liam Planter, Brushed Champagne	\$1.70	\$1.65	1472	10.90	10.50	2.70 gal

Decorative Hanging Baskets



Hanging Baskets, Plastic Hangers Included		Price Each				Dimensions		Volume
Item #	Description	1-24 pc	25-99	100-skid	Skid Qty	Dia.	Depth	Liquid Gal
CHG1051M	11" Art Deco, Black Bronze	\$1.20	\$1.15	\$1.10	4840	10.90	8.50	1.60 gal
CHG1110M	11" Baroque, Coffee Cream	\$1.55	\$1.50	\$1.40	2560	10.70	7.00	1.80 gal
CHG1178HR	12" Prisma, Rose Copper	\$1.65	\$1.60	\$1.55	1980	12.00	7.70	2.00 gal
CHG1178HG	12" Prisma, Galvanized Silver	\$1.65	\$1.60	\$1.55	1980	12.00	7.70	2.00 gal
CHG1235HD	12" Crackle, Dark Cloud	\$1.55	\$1.50	\$1.45	1920	12.00	6.70	2.00 gal
CHG1235HW	12" Crackle, White Wash	\$1.55	\$1.50	\$1.45	1920	12.00	6.70	2.00 gal
CHG751D	13" Laurel, Chalk	\$1.75	\$1.70	\$2.65	1170	12.80	7.10	2.30 gal



Hanging Baskets, Plastic Hangers Included		Price Each				Dimensions		Volume
Item #	Description	1-24 pc	25-99	100-skid	Skid Qty	Dia.	Depth	Liquid Gal
CHG291DI	13" Inverted Laurel. Ivory	\$2.20	\$2.10	\$2.05	1108	13.00	7.50	2.60 gal
CHG291DC	13" Inverted Laurel. Country Grey	\$2.20	\$2.10	\$2.05	1108	13.00	7.50	2.60 gal
CHG1463KA	12" Garcia, Light Copper	\$1.55	\$1.50	\$1.45	1944	12.00	6.60	2.00 gal
CHG1463KS	12" Garcia, Silver	\$1.55	\$1.50	\$1.45	1944	12.00	6.60	2.00 gal
CHG1056PS	8" Monaco, Silver	\$0.80	\$0.75	\$0.70	4325	8.00	5.30	3.00 Quart
CHG1056PV	8" Monaco, Vintage Copper	\$0.80	\$0.75	\$0.70	4325	8.00	5.30	3.00 Quart
CHG1253TW	6.5" Lily, Washed Ginger	\$0.75	\$0.70	\$0.65	5964	6.50	4.50	1.60 Quart
CHG1253TB	6.5" Lily, Brushed Foggy Grey	\$0.75	\$0.70	\$0.65	5964	6.50	4.50	1.60 Quart

Hanging Baskets



Hanging Baskets, Plastic Hangers Included		Price Each				Dimensions		Volume
Item #	Description	1-24 pc	25-99	100-skid	Skid Qty	Dia.	Depth	Liquid Gal
CHG1127G	12" Waves Hanging Basket, Green	\$1.45	\$1.40	\$1.35	1896	12.00	8.00	2.30 gal
CHG1127W	12" Waves Hanging Basket, White	\$1.65	\$1.55	\$1.50	1896	12.00	8.00	2.30 gal
CHG1127B	12" Waves Hanging Basket, Black	\$1.45	\$1.40	\$1.35	1896	12.00	8.00	2.30 gal
CHG1127C	12" Waves Hanging Basket, Cappuccino	\$1.45	\$1.40	\$1.35	1896	12.00	8.00	2.30 gal
CHG1127GI	12" Waves Hanging Basket, Ginger	\$1.50	\$1.45	\$1.40	1896	12.00	8.00	2.30 gal
CHG1127SG	12" Waves Hanging Basket, Smoked Grey	\$1.65	\$1.55	\$1.50	1896	12.00	8.00	2.30 gal
CHG1127DP	12" Waves Hanging Basket, Dusty Pink	\$1.65	\$1.55	\$1.50	1896	12.00	8.00	2.30 gal
CHG1127HG	12" Waves Hanging Basket, Herb Green	\$1.65	\$1.55	\$1.50	1896	12.00	8.00	2.30 gal
CHG043HG	11" Deva Hanging Basket, Ginger	\$1.20	\$1.15	\$1.10	2480	10.60	7.00	1.70 gal
CHG043HF	11" Deva Hanging Basket, Foggy Grey	\$1.20	\$1.15	\$1.10	2480	10.60	7.00	1.70 gal



Hanging Baskets, Plastic Hangers Included		Price Each				Dimensions		Volume
Item #	Description	1-24 pc	25-99	100-skid	Skid Qty	Dia.	Depth	Liquid Gal
CHG1556CBG	14.5" Cornwall, Green	\$2.50	\$2.40	\$2.30	1216	14.50	8.10	3.50 gal
CHG1556CBW	14.5" Cornwall, Cotton White	\$2.50	\$2.40	\$2.30	1216	14.50	8.10	3.50 gal
CHG1168MG	12" Delta, Green	\$1.45	\$1.40	\$1.35	1500	12.00	6.90	2.20 gal
CHG1168MW	12" Delta, Cotton White	\$1.45	\$1.40	\$1.35	1500	12.00	6.90	2.20 gal
CHG319MG	10.2" Cody, Green	\$1.00	\$0.95	\$0.90	3024	10.20	6.30	1.50 gal
CHG319MW	10.2" Cody, Cotton White	\$1.00	\$0.95	\$0.90	3024	10.20	6.30	1.50 gal
CHB1200B	12" Shiny Classic, Black	\$1.10	\$1.05	\$1.00	3024	11.89	7.09	2.14 gal
CHB1200G	12" Shiny Classic, Green	\$1.10	\$1.05	\$1.00	1920	11.89	7.09	2.14 gal
CHB1200	12" Shiny Classic, White	\$1.10	\$1.05	\$1.00	1920	11.89	7.09	2.14 gal
CHB1000G	10" Shiny Classic, Green	\$0.75	\$0.70	\$0.65	3024	11.89	7.09	1.50 gal
CHB1000	10" Shiny Classic, White	\$0.75	\$0.70	\$0.65	3024	11.89	7.09	1.50 gal



Water Breakers

High quality Dramm® water breakers are made from impact resistant ABS plastic with a stainless steel face plate.



Item #	Description	Spray Pattern	Price
WW 1000	RedHead	Soft, High Flow, Medium Pattern	\$11.00
WW 1000W	OrangeHead	Soft, High Flow, Wide Pattern	\$11.00
WW 750	LemonHead	Soft, Medium Flow	\$11.00
WW 400	Blue	Full Flow for drenching, Hanging baskets etc	\$6.50

Dramm® One Touch™ Rain Wand

Water with ease with the One Touch Rain Wand. Allows complete and total water flow control with just one touch of your thumb. Thus, eliminating the strain from squeezing as in many current watering tools.



Item #	Description	Size	Price
GGA16RW	Dramm Rain Select Wand	16"	\$15.00
GGA30RW	Dramm Rain Select Wand	30"	\$18.55

Dramm® Handi-Reach Handles

Standard garden hose connections.



Item #	Description	Price
GGA16	16" Handi-Reach Handle, 45° angle	\$8.25
GGA24	24" Handi-Reach Handle, 45° angle	\$9.40
GGA36	36" Handi-Reach Handle, 45° angle	\$10.50
GGA48	48" Handi-Reach Handle, 45° angle	\$11.75
GGA360	36" w/90° angle for hanging baskets	\$10.90

Wonder Waterer

This high quality watering wand comes with filter and shutoff. The laser-cut faceplate creates a very uniform soft water pattern. It comes highly recommended by our plug growers.



Item #	Description	Price	8+
WW 3	Wonder Waterer	\$29.00	\$27.50
WW 31	Replacement Face Plate	\$6.35	\$6.05
WW 32	Replacement Filter Screen	\$5.30	\$5.00
WW 33	Filter Case with Screen	\$6.85	\$6.50

FOGG-IT Nozzle

These fine volume misting nozzles are a great aid in watering cuttings, delicate stock and hand misting. All bronze.



Item #	Description	Price	6+
GGA292	FOGG-IT Nozzle, 1 gpm	\$10.50	\$10.00
GGA2922	FOGG-IT Nozzle, 2 gpm	\$10.50	\$10.00

Sprinkler With Stand

Foldable sprinkler stand with part/full circle sprinkler.



Item #	Description	Price
999TD1	Gilmour Up to 106' diameter. 6 GPM.	\$69.25
MEL9620	Melnor Up to 85' Dia. Ltd Lifetime Warranty	\$55.25
DRM15105	Dramm up to 70'	\$40.00

Dramm® Revolver Spray Gun

This heavy-duty spray nozzle has nine spray patterns which can easily be changed with the quick-click pattern changing. Ergonomic insulated grip.



Item #	Description	Price
GGA250	Dramm® Revolver	\$10.00

Dramm® ColorStorm™ Turret Sprinkler

Nine water patterns supply maximum functionality. Patterns range from circle to half-circle to rectangle and many more. Allows the flexibility to water only the area you need watered.



Item #	Description	Price
DRM1015020	Dramm Turret Sprinkler	\$27.00

Orbit® Fan Spray Nozzle

This fan nozzle features high quality plastic construction. The flow can easily be adjusted with the shut-off valve.



Item #	Description	Price
GGA320	Orbit® Fan Nozzle with Shut-off	\$4.50

Insulated Pistol Grip Nozzle

This Gilmour® nozzle has an insulated molded grip. Heavy-duty zinc body, male hose threaded front.



Item #	Description	Price
GGA310	Gilmour® Pistol Grip Nozzle	\$6.00

Dramm® OneTouch Valve

Flows 16 gpm @ 40 psi. Fingertip control with garden hose connections, FHT x MHT.



Item #	Description	Price
GHF779	Dramm®One Touch High Flow Valve	\$15.00

Dramm® Lever Activated Valve

Full flow (up to 11 gpm) squeeze valve with garden hose connections, FHT x MHT.



Item #	Description	Price
GHF777	Dramm® Lever Activated Valve	\$12.50

Dramm® Syphonject

Fertilize while you water. Garden hose connection. Average rate is 20:1. Requires 35 psi at faucet and 3-5 gpm flow. 170 water breaker included.



Item #	Description	Price
GGA200	Dramm® Syphonject™ Siphon Mixer	\$14.20

Garden Hose Shut-offs

All standard garden hose connections, FHT x MHT.



Item #	Description	Price
GHF771	Long Handle Plastic Shutoff	\$1.85
GHF77	Short Handle Plastic Shutoff	\$2.60
GHF772	Dramm® QAV Plastic Shutoff, High Flow	\$4.75
BBV0075	Dramm® Brass Shutoff	\$18.50

Garden Hose Wye

Standard, FHT x MHT, with shut-offs on both outlets.



Item #	Description	Price
GHF770	Plastic Wye	\$2.50
BBV0077	Brass Wye	\$9.70

Garden Hose Ends & Couplers

Brass fittings include zinc clamp. Plastic fittings include plastic clamp.



Item #	Description	Price
BGH7F	HD Brass, 5/8" - 3/4" Female	\$5.00
BGH7M	HD Brass, 5/8" - 3/4" Male	\$4.50
BGH7C	HD Brass, 5/8" - 3/4" Mender	\$6.75

Plastic Ends:

GHF07	Plastic, 5/8" - 3/4" Female	\$1.30
GHF17	Plastic, 5/8" - 3/4" Male	\$1.30
GHF27	Plastic, 5/8" - 3/4" Coupler	\$1.40
GHF05	Plastic, 1/2" - 5/8" Female	\$1.35
GHF15	Plastic, 1/2" - 5/8" Male	\$1.35
GHF25	Plastic, 1/2" - 5/8" Mender	\$1.30

Brass Hose Ends

Connect to any hose. Clamps not included.



Item #	Description	Price
BGH005	1/2" Insert, Set = both FHT & MHT	\$4.65
BGH006	5/8" Insert, Set = both FHT & MHT	\$4.65
BGH007	3/4" Insert, Set = both FHT & MHT	\$4.65
BGH010F	1" Insert x Female Hose End	\$5.50
BGH010M	1" Insert x Male Hose End	\$4.50

Garden Hose Quick Couplers

These handy quick couplers are designed without a valve for maximum flow and allow water flow when disconnected.



Item #	Description	Price
BGH95	Brass Female Quick Coupler	\$5.00
BGH97	Brass Male Quick Coupler	\$2.50
BGH99	Brass Male & Female Quick Coupler Set	\$5.95

Garden Hose Washers & End Cap



Item #	Description	Price
GHF12	Black Hose Washers (Pack of 12)	\$1.00
GHF12R	HD Red Hose Washers (Bag of 10)	\$1.15
GHF7	Garden Hose End Cap, FHT	\$0.38

Dramm® Brass Hose Swivel

Live swivel, works under pressure. Reduces kinks and twists in the hose.



Item #	Description	Price
BGHSV	Dramm® Live Hose Swivel	\$13.50

Garden Hose PVC Adapters



Item #	Description	Price
GHF37	MHT x 3/4" Soc (1" Spig)	\$1.00
GHF47	FHT x 3/4" Soc (1" Spig)	\$2.30
GHF57	MHT x 1/2" Soc (3/4" Spig)	\$1.00
GHF67	FHT x 1/2" Soc (3/4" Spig)	\$2.30

Garden Hose Adapters



Item #	Description	Price
BGH1624	Brass MHT x 3/4" MPT (1/2" FPT)	\$2.75
BGH1625	Brass MHT x MHT (1/2" FPT)	\$2.75
BGH1629	Brass FHT swivel x 1/2" MPT	\$4.90
BGH1635	Brass FHT swivel x 3/4" FPT	\$3.55
BGH1632	Brass FHT x FHT swivel	\$3.55
GHF87	Plastic FHT swivel x 3/4" MPT	\$2.65

Chapin HydroFeed Fertilizer Injector

Adjustable injection rate from 1 to 10 ounces per gallon. Works best with flow rate above 1 gallon per minute. 60 PSI max pressure rating.



Item #	Description	Price
CHA1	1 Gallon Fertilizer Injector	\$94.50
CHA2	2 Gallon Fertilizer Injector	\$115.00

EZ-Flo Injector Replacement Parts

Item #	Description	Price
EZ2020FD2	Orifice Rings (O-Rings)	\$3.75
EZ2020HB1	Complete Parts Kits	\$23.40
EZ2020K-CNB	Blue 1/4" Tank Cap Nut	\$1.20
EZ2020K-CNG	Green 1/4" Tank Cap Nut	\$1.20
EZ2020K-R18V-S	1/8" MPT x 18" Barb Stainless Steel	\$2.00
EZ2020K-LOR	Rubber Cap Seal	\$1.37
EZ2020CAP-MB	Replacement Tank Cap	\$34.00
EZ2020TUB-BT5	1/4" Black Poly Tubing 5' Long	\$3.05

Watering Cans

Plastic Blow Molded with removable head.



Item #	Description	Price
WC2G	Dark Green Watering Can 2 Gallon	\$7.25

Dramm® Color Storm™ Hose

Dramm ColorStorm-Professional Rubber Hose is made from EDPM rubber for a "crackless" hose cover that is resistant to abrasion and weathering. Heavy, hex shape that resists kinking.



Pre-assembled, with crimped nickel-plated ends:		
Item #	Description	Price
DGH007050	ColorStorm Hose 3/4" x 50'	\$102.00
DGH007075	ColorStorm Hose 3/4" x 75'	\$142.00
DGH007100	ColorStorm Hose 3/4" x 100'	\$159.00
DGH006050	ColorStorm Hose 5/8" x 50'	\$65.00
DGH006075	ColorStorm Hose 5/8" x 75'	\$112.00
DGH006100	ColorStorm Hose 5/8" x 100'	\$118.00

Bulk Hose (We cut to any length)			
Item #	Description	Per Foot	330' Roll
DGH006B	5/8" Yellow ColorStorm Hose	\$1.45	\$372.00
DGH007B	3/4" Yellow ColorStorm Hose	\$2.05	\$418.00

Hose Ends (Install is free if you purchase hose listed above)		
Item #	Description	Price
DGH7F	3/4" Female Crimped Hose End	\$9.00
DGH7M	3/4" Male Crimped Hose End	\$7.50
DGH6F	5/8" Female Crimped Hose End	\$6.00
DGH6M	5/8" Make Crimped Hose End	\$5.70

Gilmour Flexogen® Super Duty Hose

Double tire cord reinforced for strength. 8-ply construction. Over 500 PSI burst strength.



Item #	Description	Price
GHG6025	5/8" x 25' Gilmour Hose	\$23.50
GHG6050	5/8" x 50' Gilmour Hose	\$37.00
GHG6075	5/8" x 75' Gilmour Hose	\$50.00
GHG6100	5/8" x 100' Gilmour Hose	\$65.00
GHG7050	3/4" x 50' Gilmour Hose	\$54.00
GHG7075	3/4" x 75' Gilmour Hose	\$70.00
GHG7100	3/4" x 100' Gilmour Hose	\$96.00

Fitt force™ pro

Commercial grade hose for the toughest professional jobs. Flexible in cold temperatures, crush proof aluminum couplings, 100% abrasion & puncture proof with zero memory. 450 psi bursting pressure. Limited Life Time Warranty.



Item #	Description	Price
FFP6025	5/8" x 25' Commercial Hose	\$33.00
FFP6050	5/8" x 50' Commercial Hose	\$40.50
FFP7100	3/4" x 100' Commercial Hose	\$79.50
FFP6100	5/8" x 100' Commercial Hose	\$67.00

Thermometers

Plastic Casing. Wall mount on GGA15 & GGA15HL. Soil probe on GGA15S.



Item #	Description	Price
GGA15S	4-1/2 Soil Thermometer	\$8.00
GGA15	15" Mercury Thermometer	\$6.00
GGA15HL	Max/Min Mercury	\$38.50

GGA15

GGA15HL

Digital Indoor/Outdoor Thermometer

Daily high and low memory. 10' probe, Clock. Temperature range: Inside 32° to 122° Outside -10° to 158° F.



Item #	Description	Price
GGA15D	Digital In/Out Thermometer	\$11.00
GGA15B	CR2025 Lithium Battery, 2 pack	\$4.50

Wireless Weather Stations



GGA15TH



LCT3081451



DAV6250

Item #	Description	Price
GGA15TH	Up to 100' range, requires 4 AAA batteries (not included) Inside/Outside Temperature and humidity.	\$25.00
LCT3081451	300' open field range. Each obstruction, wall etc may cut range in half. Hi/low outdoor temperature. Alarm on up to 3 sensors, forecast. Includes 1 LCT14.	\$44.00
LCT14	Wireless LCD Temp/Humidity Sensor add up to 2 above.	\$17.00
DAV6242	DAVIS Instruments Vantage Vue Weather Station. Solar Powered. Wireless up to 1000 feet. Rain, wind, temperature, Humidity sensor in self contained Sensor Suite. Wind chill, history, graphs, and alarms.	\$595.00



Rain Gauge

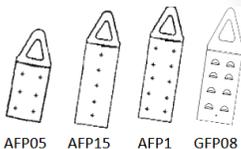
Plastic Casing 6" Capacity

Item #	Description	Price
GGA20	Rain Gauge	\$6.00
GGA20JUMBO	24" EZ-Read Raing Gauge	\$14.75



Flower Pouches

Green plastic with loop handle. Growing in flower pouch utilizes wall space and adds appeal.
250 per case.



Item#	Description	Size	Volume	1-249	250+
AFP05	6 Slit, Al's Mini	8.5 x 13.5"	1.06 gal	\$0.69	\$0.64
AFP15	5 Slit, Al's	8.5 x 21.25"	1.59 gal	\$0.70	\$0.65
AFP1	10 Slit, Al's	8.5 x 21.25"	1.59 gal	\$0.70	\$0.65
GFP08	8 Slit, Generation 2	8 x 20"	1.06 gal	\$0.69	\$0.64
AFP9	Al's Flower Pocket, Single	7" x 10"	—	\$0.40	\$0.32



Insect Monitoring Cards

Durable long-lasting pest monitoring and trapping cards are designed to catch a variety of pests.

Item#	Description	Price
PT 24	3" x 5" Yellow Sticky Traps, 48/Pack	\$32.00

KleenGrow Disinfectant

Disinfectant & Algicide is a biodegradable liquid concentrate for horticultural use that controls fungal, bacterial, viral plant pathogens and algae.

Corrosive
No UPS shipping!



Item#	Description	Price	Case/2
KG025	Pace Kleengrow, 2.5 gallon	\$205.00	\$200.00/ea.

Humidity Domes

Clear Plastic propagation domes. Fits standard 1020 size trays (see page 10).



HDT1020



HD 1020

Item #	Description	Each	50 / Cs
HD 1020	Standard Domes, 21-1/4" x 11" x 2-1/2"	\$1.60	\$64.00

Item #	Description	1-39	40/ Cs
HDT1020	Tall Domes, 21-1/4" x 11" x 7"	\$3.50	\$116.00

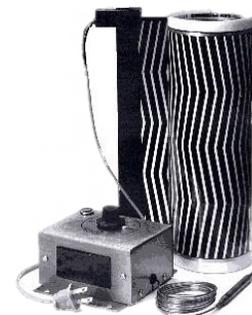
Agritape Heat Mat Systems

An Agritape system consists of a control unit to regulate soil temperature, the Agritape Heat Mat, and a grounding screen. The screen serves to safely ground the current if the tape is damaged.

To install a system, roll out the Heat Mat and plug it into the control unit. Cover the Heat Mat with the ground screen. Connect the ground wire from the control unit to the screen. Plug in the control unit and place the sensor in the soil of the seed tray or container. Set to the desired soil temperature. Agritape will warm soil temperature by a maximum of 20°F (more with a humidity dome) above room temperature.

Does not work with GFCI outlets.

Electric current flows through black bars (which are a resistive/conductive material) to create a virtually continuous heat pattern.



Control Units: (Multi-outlet power strips can be used to add mats to a controller, however, do not exceed amp rating or max amount of tape.)

Item#	Description	Price
AT 220	Digital Control, 1 outlet, digital thermostat. Max 50 sq. ft. of heat mats. Rated 8.5 amps.	\$75.00
AT 20	AT-JR Control, 2 outlets, dial thermostat. Max: 80 sq. ft. of heat mats. Rated 13 amps.	\$130.00
AT 21	AT-1 Control, 4 outlets, dial thermostat. Max: 120 sq. ft. of heat mats. Rated 20 amps.	\$142.00

Heat Mats, Stock sizes: (Grounding Screen Included)

Item#	Description	Price
AT 04	11" x 4' Agritape Heat Map	\$41.00
AT 10	11" x 10' Agritape Heat Map	\$71.00
AT 2210	22" x 10' Agritape Heat Map	\$122.00
AT4408	44" x 8' Agritape Heat Map	\$169.00

Heat Mats, NON-Stock: (Ships UPS from Rochester, NY. Allow 1-2 weeks for delivery. Shipping charge is additional to listed price.)

Item#	Description	Price
AT 3	11" Agritape - Custom Length (4-9 ft.)	\$8.90 / ft.
AT 4	11" Agritape - Custom Length (10-25 ft.)	\$7.50/ ft.
AT 5	Grounding Screen (for custom mats) 1-6 ft. wide, any length.	\$1.30 / sq. ft.
AT 2204	22" x 4' Agritape Heat Mat.	\$71.00
AT 2208	22" x 8' Agritape Heat Mat.	\$104.00
AT 4404	44" x 4' Agritape Heat Mat.	\$125.00

DRAMM

(See page 49 for Fogit greenhouse sprayers.)

Dramm® Mini AutoFog™

The Dramm Mini AutoFog is an easy to use, low volume chemical applicator designed with smaller greenhouses in mind. It can treat 5,000 sq. ft. automatically without an operator present. It can easily apply a wide variety of chemical formulations using a highly concentrated spray solution. A specially designed nozzle generates billions of micro-particles (0.05 - 10.0 microns) that fill the entire treatment area with active chemical. These tiny particles ensure complete and even coverages of all plant surfaces. This "low-volume" method of applying chemical solutions eliminates costly run-off and reduces the amount of chemical needed. 24 Hour timer, starts and stops automatically. Durable oilless compressor for even supply of air. 60 rpm mechanical agitation - keeps chemicals in suspension.

Standard Treatment Area: Up to 5,000 sq. Ft. (7,000 sq. Ft. with ventilation fans).

Nozzle: Air atomizing, outputs 8 liters in 4 hours.

Adjustable nozzle height: 5-7 ft.



Item#	Description	Price
DFA10SS	110 Volt Mini AutoFog™ with SS Nozzle	\$4480.00

NutriFog

This carrier is a 10-3-3 Foliar Fertilizer. It can be used with all chemical formulations. It is safe on ornamentals, fruits and vegetables. Do not use more than five times in one month on the same crop.

Rates for NutriFOG:

- 0.25 Quart NutriFOG Solution
- 1.75 Quarts Water
- Apply above mix into 10,000 square feet of area.

Item#	Description	Price
DFPNF	NutriFog, 5 gallon pail	\$405.00

Hormex® Rooting Powder



Clone plants from cuttings; works in all growing mediums; for hydroponics, air layering and grafting; helps to prevent root rot in cuttings; allows proper oxygen levels; Hormogenized™ for consistent rooting and plant growth.

Rooting Powder #1: For easy to root plants- tender houseplants and flowers such as Begonia, Mums, Coleus, Fuchsia, Geranium, Hydrangea, Raspberry, Herbs and more.

Rooting Powder #3: For moderately easy to root plants - such as Arbor-vitae, Azalea, Blueberry, Juniper, Ivy, Rose, and more.

Rooting powder #8: For moderately difficult to root plants - Boxwood, Grape, Holly, Lilac, Rhododendrons, and some trees.

For a more detailed list see hormex.com/rooting-powder-strength

Item#	Description	Price
RP0101	Rooting Powder #1 - 1 Lb.	\$37.00
RP0103	Rooting Powder #3 - 1 Lb.	\$53.00
RP0108	Rooting Powder #8 - 1 Lb.	\$68.00
RP03138	3 Pack #1, #3, and #8 - 3/4 oz. of each	\$29.50

Companion® Biological Fungicide

For greenhouse, nursery, and ornamental crops.

- For prevention and control of soil and foliar diseases.
- Produces a broad-spectrum antibiotic that disrupts the formation of pathogen cells.

Use via: foliar, soil drench, hydroponics, soil less, constant feed, irrigation and mist systems.



Item#	Description	Price	Case/2
CBF025	Companion, 2-1/2 Gallon	\$310.00	\$297.00 /ea

Dramm® K-10 Portable PulsFOG®

The PulsFOG thermal fogger is perfect for the rapid application of greenhouse chemicals. Designed to expel chemicals at great distances and speed, reduces application time and ensures even coverage of all surfaces with a highly dense, visible fog. Perfect for the application of insecticides, fungicides, and disinfectants.

Propels chemical: 45 ft. with NutriFog, (more with the help of circulation fans)

Output: 10 liters (2.6 gal) in 45 minutes.



PULSFOG® DILUENT SOLUTIONS:

For best results, the PulsFOG requires the use of carrier solutions - or fog enhancers. These solutions help to create more even particle size, distribute the solution throughout the area, and retard evaporation of fog droplets. Some chemicals may not require additional carrier solutions due to their formulation. Check with your chemical supplier for more in-depth information.

Item#	Description	Price
DFP10	25 Hp 2.6 gallon Thermo Fogger	\$3450.00

Protitizer® Seed & Plant Activator

Grow strong roots & reduce plant loss. Rich in kelp, humic acid, mycorrhizae fungi and billions of beneficial microbes. For foliar, dipping, or injection at 1:100 dissolve 1.25 - 1.50 lbs with 10 gallons water. 1.5 to 4 lbs per 1000 sq. ft. of table space. Lower rate during propagation. Higher rate for stressed plants.



Item#	Description	Price
PRO04	4 Lb. Container	\$107.00
PRO27	27 Lb. Pail	\$618.00



PHM080



PHM200



ECM080



ECM100

Handheld pH & EC Meters

PH Meters: Easily measure pH and temperature of water.

EC Meters: Easily measure EC (electrical conductivity), TDS (total dissolved solids), and temperature of water. Often used to determine if an injector is working correctly.

Item #	Description	Price
PHM080	Economy pH meter, 0.2 pH accuracy	\$39.50
PHM200	Professional pH meter, 0.02 pH accuracy, waterproof	\$79.50
PHMST	PH Meter Storage Solution, 2 oz Bottle	\$8.50
PHMBS	7.0 PH Buffer Solution, 20ml packet	\$2.00
ECM080	Economy EC meter, +/- 2% accuracy	\$38.00
ECM100	Professional EC meter, +/- 2% accuracy, waterproof	\$64.00
ECMCS	EC Meter Calibration Solution, 20ml packet, 1000PPM	\$2.00

Dosatron® Proportional Injectors

Dosatron® has been serving the horticultural industry for over 35 years, and has established itself as the industry standard. Durable and reliable, these units come with common wear parts included. These water powered proportional fertilizer injectors automatically compensate for any change in water pressure or flow and provide a constant mix at the rate you set. Ratio is easy to adjust by hand with lock to ensure your setting isn't changed accidentally. Ideal for fertilizers, fungicides, acids and more.
Maximum Temperature: 104°F

***Wear part replacement kits in stock.**



Item #	Description	Injection Ratios	Flow Rates	Operating PSI	Price
DOS11	D25F1, 3/4" MPT (Our most precise 11 gpm unit.)	Fixed 1:100	0.04 - 11 gpm	4.3 - 85	\$350.00
DOS110	Cart Unit: DOS11, bypass, 6 gal. tank, and push cart.				\$543.00
DOS14	Dosatron D14MZ2, 3/4" MPT	1:50 - 1:500	0.04 - 14 gpm	4.3 - 85	\$460.00
DOS140	Cart Unit: DOS14, bypass, 6 gal. tank, and push cart.				\$653.00
DOS1	Bypass assembly for DOS11 and DOS14; FHT x MHT includes three valves, filter, and check valve				\$65.00
DOS20	Dosatron D45RE15, 1-1/2" (includes 1" adapter) MPT, On/off handle installed	1:66 - 1:500	0.4 - 20 gpm	7 - 70	\$595.00
DOS40	Dosatron D40MZ2, 1-1/2" MPT, On/off handle installed.	1:50 - 1:500	2.2 - 40 gpm	2.2 - 116	\$925.00

Chemilizer Proportional Injector, 11 GPM

The big advantage of this unit is that the chemical pump takes all the abuse of the chemicals and is easy to disassemble or replace by hand. Parts are inexpensive, too. The water powered motor is never contaminated by any chemicals and comes with a 2-year warranty. This proportional fertilizer injector automatically compensates for any change in water pressure or flow to provide a constant mix at 1:100 rate.

Max Temperature: 100° F **Standard pump:** fixed ratio 1:100

Flow Rate: 1.2-660 gph (0.02 - 11 gpm) **Operating Pressure:** 3 - 85 psi.

Connections: 3/4" male hose thread.

Optional Adjustable pump: 1:50 - 1:164 add \$76.00 to unit cost.



Replacement parts in stock. We service in store.

Item #	Description	Price
CPI12	Chemilizer Unit (Model CH9000-210), 1:100	\$285.00
CPI1	Bypass for Chemilizer, FHT x MHT, this plumbing comes with three valves, filter, and check valve.	\$74.00
CPI120	Cart Unit: Includes Chemilizer, bypass, 6 gal. tank, and push cart.	\$488.00

Dosmatic SuperDos Proportional Injectors

SuperDos operates without electricity to precisely inject liquid concentrates into a water supply line using fluid flow as the power source. SuperDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components. These proportional fertilizer injectors automatically compensate for any change in water pressure or flow and provide a constant mix at the rate you set. **Replacement parts in stock. We service in store.**



Item #	Description	Injection Ratios	Flow Rates	Operating PSI	Price
DSD20	SuperDos 20, 1" MPT	1:40 - 1:500	0.05 - 20 gpm	5 - 100	\$500.00
DSD20Bypass	On/off handle for DSD20				\$49.50
DSD30	SuperDos 30, 1" MPT, On/off handle installed	1:40 - 1:500	0.15 - 30 gpm	5 - 100	\$625.00
DSD45	SuperDos 45, 1-1/4" MPT, On/off handle installed	1:40 - 1:500	0.50 - 45 gpm	5 - 100	\$910.00

Mixrite Proportional Injector, 11 GPM

This fixed ratio 1:100 offers an alternative to the Chemilizer with similar specifications. This proportional fertilizer injector automatically compensates for any change in water pressure or flow to provide a constant mix at 1:100 rate.

Standard pump: fixed ratio 1:100. **Flow Rate:** 10.2 - 660 gph (0.17 - 11 gpm)

Operating pressure: 6 - 120 psi. **Connections:** 3/4" male thread.

Also available upon request: 22 GPM, 45 GPM and 110 GPM units.

Item #	Description	Price
MR11	MixRite Unit (Model 556AG), 1:100	\$280.00
DOS1	Bypass for MixRite, FHT x MHT, this plumbing comes with three valves, filter, and check valve.	\$65.00
MR110	Cart Unit: Includes Mixrite, bypass, 6 gal. tank, and push cart.	\$475.00

MixRite

Replacement parts available



Battery Operated Controllers

Commercial grade, waterproof, constructed of high impact plastic, these controllers operate on two AA alkaline batteries for up to 3 years. No AC power source required! Fully featured automatic, semi-automatic and manual operation easily programmed with five buttons and easy to read LCD display. Connection: 2 wire.



DG710



DG740



DG760

Single Station with Valve (For specs on valves see listing below)

Item #	Description	Price
DG710007	Controller with 3/4" valve	\$99.00
DG710010	Controller with 1" valve	\$105.00
DG710010P	Propagation Controller with 1" valve	\$112.00
DG710015	Controller with 1-1/2" valve	\$160.00
DG710020	Controller with 2" valve	\$170.00

Multiple Station (Order valves separately below)

Item #	Description	Price
DG740	Four Station Controller with waterproof cables	\$100.00
DG760	Six station controller with waterproof cables	\$107.00

Battery Operated Valves, 2 Wire DC

Heavy duty plastic valves with DC latching solenoid for the above controllers. They feature a manual flow control valve and are normally closed. Connections are all FPT x FPT. Operating Pressure: 10-150 PSI



Item #	Description	Flow Range	Price
DG7007	3/4" DC Solenoid Valve	0.1 - 28 GPM	\$39.00
DG7010	1" DC Solenoid Valve	0.2 - 35 GPM	\$39.50
DG7015	1-1/2" DC Solenoid Valve	20 - 135 GPM	\$91.00
DG7020	2" DC Solenoid Valve	30 - 160 GPM	\$96.00

Toro® EVOLUTION® AG Series Controller

Introducing a simple, intuitive and economical controller that gives agricultural and horticultural growers the features they need now! The EVOLUTION®AG, built on the award-winning Evolution platform, allows for modular expansion, fertilizer injection, pulse irrigation, propagation and misting schedules, along with the freedom to program valves to your specific needs: from 1 second to 24 hours. Full Toro support for programming questions - please call: 877-345-8676. Features a lockable, weather resistant case. Can run 3 separate programs. Adjust schedules +/- by percentage. Schedule options: Weekly, Interval, or Looping. Automatic or manual operation.

Optional accessories (not in stock): Wireless soil sensor, wireless weather sensor, wireless handheld remote, wireless auxiliary relay, Smart Connect® plug in receiver.

*(Use with 24VAC valves)



Item #	Description	Price
EV004	Four Station Evolution Controller	\$235.00
EV004M	4 Station Module (to add-to controller)	\$39.00
EV012M	12 Station Module (to add-to controller)	\$112.00

Battery Garden Hose Controllers

These garden hose controllers have FHT x MHT and are battery operated. Batteries not included.

DG9001D is easy to program with four buttons and an easy to read LCD display. Operates on one 9V battery. Automatic and manual operation.

DG900BT is easy to program via DIG BTT free app for Android or iPhone, from up to 50' away. Button is to manually open/close without a smart device. Operates on two AA batteries.



Item #	Description	Price
DG9001D	B09D Digital, Maximum 5.2 GPM & 80 PSI	\$42.00
DG900BT	BOHE-BT Bluetooth, Max 14 GPM & 120 PSI	\$52.00

Mechanical Garden Hose Timer

The Dramm® garden hose timer is simple to use, just turn the dial to desired watering time (up to 2 hours) and the timer will automatically stop the water flow at the time you set. Max flow rate: 5 GPM.



Item #	Description	Price
GGA270	Mechanical Garden Hose Timer	\$16.50

Restmo Flow Meter

For outdoor use with clear cold water only. Water flow rate 0.3 to 12 GPM. 145 Max working pressure. Multiple Modes. Brass inlet and outlet threads. Uses one CR2032 battery



Item #	Description	Price
GGA90	Restmo Flow Meter	\$30.25

Indoor 6 Station AC Controllers

Requires 120 volt AC input and has 24 VAC output for valves, has one 9 volt battery for backup and programming. Fully featured automatic, semi-automatic and manual operation easily programmed with four buttons and easy to read LCD display. 24 VAC valves sold separately, see below.



Item #	Description	Price
DG8006	Galcon Six Station AC Controller	\$95.00
DG8006P	Six Station AC Propagation Controller	\$155.00

Electric Solenoid Valves, 24 VAC

Has manual flow control valve & is normally closed. All connections are FPT.

Operating Pressure: 10-150 PSI



Item #	Description	Flow Range	Price
EV 007	3/4" AC Solenoid Valve, 24V	0.1 - 28 GPM	\$22.50
EV 010	1" AC Solenoid Valve, 24V	0.2 - 35 GPM	\$21.50
EV 015	1-1/2" AC Solenoid Valve, 24V	20 - 140 GPM	\$80.00
EV 020	2" AC Solenoid Valve, 24V	30 - 170 GPM	\$86.00

PC Anti-Drain Drippers

These can be punched into orchard tubing and are used in vineyards, orchards, as well as nurseries and greenhouses. Anti-drain and pressure compensating.

Operating Pressure: 15-60 PSI



Item #	Description	Price	500+
PCD005	Blue, 0.5 GPH w/Nipple for Spiders	\$0.25	\$0.22
PCD010	Gray, 1.0 GPH w/Nipple for Spiders	\$0.25	\$0.22
PCD020	Red, 2.1 GPH w/Nipple for Spiders	\$0.25	\$0.22
NDT005B	WPCJ Netafim Red, 0.5 GPH w/Barb	\$0.30	\$0.27
NDT010B	WPCS Netafim Grey, 1.0 GPH w/Barb	\$0.30	\$0.27
NDT020	WPCJ Green, 2.1 GPH w/ nipple for spiders	\$0.30	\$0.27
NDT020B	WPCJ Green, 2.1 GPH w/ Barb	\$0.30	\$0.27

Plug for above Emitters Item #OTFMP1 On Page 104.

White Spider Assemblies

Multi-outlet device for PCD drippers. These four outlet assemblies are commonly used for mums and other potted plants. They have straight stakes which allows for easy removal from established plants. Use with above PCD drippers.



Item #	Description	Pack of 10	Case of 100
NGE418	Spider, 4 x 18" tubes	\$10.80	\$102.50
NGE424	Spider, 4 x 24" tubes	\$11.50	\$109.00
NGE430	Spider, 4 x 30" tubes	\$12.20	\$116.00
NGE436	Spider, 4 x 36" tubes	\$13.00	\$124.00

Spider Components

Make your spiders to water anywhere from 1-6 pots per dripper using 1/8" spaghetti tubing (below). Tees, crosses, and adapters can be combined.

Item #	Description	1-99	100+
NGEF1	Single outlet adapter	\$0.10	\$0.09
NGEF2	Two Outlet Tee	\$0.09	\$0.08
NGEFM2	Two Outlet Cross	\$0.10	\$0.09
NGEF4	Four Outlet Cross	\$0.15	\$0.14
NMD80	Dripper Stake, Straight	\$0.13	\$0.12
NMD82	Dripper Stake, Elbowed	\$0.13	\$0.12
NMD83	BARBED Stake, Elbowed	\$0.13	\$0.12

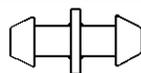


Spaghetti Tubing

Item #	Description	Dimensions	Price
BVT0012	Black 1/8" x 100'	0.187" OD x 0.118" ID	\$8.00
BVT00121	Black 1/8" x 1000'	0.196" OD x 0.126" ID	\$40.50
WVT00121	White 1/8" x 1000'	0.196" OD x 0.126" ID	\$55.00
BVT0018	Black 3/16" x 100'	0.250" OD x 0.170" ID	\$8.00
BVT00181	Black 3/16" x 1000'	0.250" OD x 0.170" ID	\$59.00

Barb to Barb Couplings

Item #	Description	1-99	100+
TB 125	1/8" Barb Couplings	\$0.12	\$0.11
TB 170	3/16" Barb Couplings	\$0.10	\$0.08



Netafim™ Pot Drippers

SlimLine EZ Close Assemblies combines the benefits of:

- One-hand, EZ close shut-off of individual baskets - prevents water and fertilizer spillage and waste
- Snag-free slim design for easy retrieval from plants at harvest - no more lost weights
- 94% flow uniformity - from the first basket to the last



For 1 gph or custom length: Assemble your own using NDT001 weight, WVT00121 tubing and NDT005 or NDT010 drippers.

Dripper: WPCJ dripper, anti-drip and pressure compensating.

Item #	Description	25-375	400+
NDT24	Pot Dripper, 24" tube, 1/2 gph	\$0.90	\$0.86
NDT36	Pot Dripper, 36" tube, 1/2 gph	\$0.97	\$0.93
NDT48	Pot Dripper, 48" tube, 1/2 gph	\$1.20	\$1.15
NDT001	Slimline Plastic Weight/Shutoff	\$0.61	\$0.58

JAIN On/Off Twist Weights

These plastic on/off twist weights come with 0.060" ID tubing. Not pressure compensating, used for fast watering. Max of 50' row length when using 1/2" supply line.



Item #	Description	1-99	100+	500+
COT24	On/Off Twist Weight, 24" tube	\$1.18	\$1.11	\$1.08
COT36	On/Off Twist Weight, 36" tube	\$1.24	\$1.17	\$1.14
COT48	On/Off Twist Weight, 48" tube	\$1.33	\$1.28	\$1.25

Pressure Compensating, 0.5 GPH

MicroFlappers® elbow. You can put these on above Jain drippers to make them pressure compensating. To do that you'll need 1.5" length of BVT0012 0.118" ID tubing each. Uniform flow regardless of pressure, elevation, and length of supply line. **Operating pressure:** 15-45 PSI

Item #	Description	1-99	100+
COT905	0.5 GPH Emitter, 90° Ell	\$0.42	\$0.39



Pot Spray Stakes

Provides consistent flow and 160° spray pattern. Unique positioning arrow for indicator of flow. **Use 1/8" or 3/16" couplings & spaghetti tubing.**

Item #	Description	1-99	100+
PSS05	Pot Spray Stake, 6.4 GPH, Black	\$0.26	\$0.24
PSS10	Pot Spray Stake, 10.5 GPH, Blue	\$0.26	\$0.24
PSS15	Pot Spray Stake, 16.0 GPH, Green	\$0.26	\$0.24



Dripper Stake Assembly

Single outlet w/ NDT005 dripper. Premium mum dripper with NMD83 barbed stake, better clog resistance.

Item #	Description	Pack of 10	Case/100
NGE124	Spider, 1 x 24" tubes	\$6.00	\$57.00



NOZZLES					SPREADERS		SPINNERS					
					NMS51	NMS52	NMS41	NMS40	NMS43	NMS42		
					Violet Mistig	Yellow Flat	Black Round	Blk. Single Wing	Orange Round	Kiwi Inverted		
Item #	Color	Size	Flow Rate							Hanging Height (ft)		
			gph	gpm						2'	6'	
NMS032	Violet	.032"	9.2	.15	4'	6'	17'	20'	NA	16'	20'	
NMS044	Grey	.046"	18.4	.31	NA	8'	18'	22'	NA	19'	25'	
NMS055	Green	.056"	27.7	.46	NA	10'	19'	24'	30'	21'	27'	
NMS060	Orange	.059"	31.7	.53	NA	12'	20'	25'	30'	26'	29'	
NMS067	Yellow	.068"	42.2	.70	NA	NA	21'	26'	30'	28'	31'	
NMS075	Blue	.076"	52.8	.88	NA	NA	NA	28'	30'	29'	33'	
NOTE: All diameters (except kiwi) are based on 30 psi and 24" above crop canopy. For best coverage uniformity, recommended sprinkler spacing is 3' regardless of operating diameter. Because of wind drift, recommended for indoor use only.					upright / inv.	upright / inv.	upright / inv.	upright only	upright / inv.	inverted		
					Designed for misting of propagation tables and adding moisture for cooling.	Flat water pattern with highly uniform coverage. Large droplet size.	Designed for medium coverage with a medium sized droplet.	Designed for large coverage and large droplet size.	Designed for the largest coverage and largest droplet size. Very little misting.	Designed for inverted installation in overhead systems. Medium to large droplet size.		

Greenhouse hanging assembly includes:

- Nozzle
- Spinner
- Bridge
- LPD
- Stabilized Hanging Tube

Length	Price
24"	\$5.73
36"	\$5.88
48"	\$6.03



Bridge Assembly (Butterfly)

Includes:

- Nozzle
- Spinner
- Bridge
- Butterfly

Price
\$1.93



Upright Assembly Includes:

- Nozzle
- Spinner
- Bridge
- Stabilized Hanging Tube
- 12" Stake

Tube Length	Price
24"	\$4.33
36"	\$4.48
48"	\$4.63



Bridge Assembly Includes:

- Nozzle
- Spinner
- Bridge

Price
\$1.38



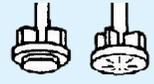
Nozzle & Anti-Mist
Specify Color

Item#	Description	Price
NMS0*	Nozzle	\$0.28
NMS6*	Antimist	\$0.40



Spreaders

Item#	Size	Price
NMS5*	Specify Color	\$0.35



Spinners

Item#	Size	Price
NMS4*	Specify Color	\$0.35



Bridge

Item#	Description	Price
NMS3	Bridge	\$0.75



Stabilized Hanging Tubes, (Tube, Stabilizer and butterfly mount.)

Plastic Stakes, 12" (See Upright Assembly for use illustration.)

Item#	Size	Price
NMS124	24" Tube	\$2.10
NMS136	36" Tube	\$2.25
NMS148	48" Tube	\$2.40
NMS314	12" Stake	\$0.85



Butterfly Mount

Item#	Description	Price
NMS33	Butterfly Mount	\$0.55



LPD (Anti-Drip)
Opens at 20 PSI
Closes at 9 PSI

Item#	Size	Price
NMS2	LPD (Anti-Drain)	\$2.25



1/2" Male Threaded Base

Item#	Description	Price
NMS35	1/2" Male Base	\$0.95



3/16" Barb Connector

Item#	Size	Price
TB 170	3/16" Barb	\$0.10



Agri-Connector
1/2" FPT x 3/16" Barb

Item#	Description	Price
NMS1	Agri-Connector	\$0.95



3/16" Black Vinyl Tubing
To make custom length tubes.

Item#	Description	Price
BVT0018	3/16" x 100'	\$8.00
BVT00181	3/16" x 1000'	\$59.00

Black Woven Ground Cover

This woven polypropylene fabric is UV stabilized, extremely strong, water and air permeable, and far superior to sheet plastic. Effective weed blocker. **3.2 oz./sq. yd. with stripes every foot.**



*Prices subject to tariff surcharges.

Item #	Size	1-5 rolls	6+	Ship Via	Weight
BGC03	3' X 300'	\$38.50	\$37.00	GROUND	25 Lbs.
BGC04	4' X 300'	\$51.00	\$49.00	GROUND	33 Lbs.
BGC06	6' X 300'	\$76.50	\$73.00	GROUND	50 Lbs.
BGC08	8' X 300'	\$102.00	\$97.00	TRUCK	67 Lbs.
BGC10	10.5' X 300'	\$133.00	\$127.00	TRUCK	87 Lbs.
BGC12	12.5' X 300'	\$157.00	\$150.00	TRUCK	104 Lbs.
BGC15	15.5' X 300'	\$195.00	\$186.00	TRUCK	130 Lbs.

UltraWeb Black Woven Ground Cover

Lighter weight UV stabilized, woven cloth is extremely strong and far superior to sheet plastic. This woven polypropylene fabric is water and air permeable yet blocks weeds effectively. Popular for seed beds, stronger and easier to handle than silage tarps. **2.2 oz./sq. yd. with stripes every foot. *INDICATES NON-STOCK**

Item #	Size	1-5 Rolls	6+	Ship Via	Weight
UGC03	3' X 600'	\$63.00	\$61.00	GROUND	34 Lbs.
UGC04	4' X 600'	\$85.00	\$82.00	GROUND	45 Lbs.
UGC06	6' X 600'	\$132.00	\$127.00	GROUND	68 Lbs.
UGC08	8' X 600'	\$175.00	\$168.00	TRUCK	89 Lbs.
UGC12	12' X 300'	\$132.00	\$127.00	GROUND	68 lbs.
UGC16	16' X 300'	\$175.00	\$168.00	TRUCK	89 Lbs.
UGC24	24' X 200'	\$175.00	\$168.00	TRUCK	89 Lbs.
UGC32	32' X 150'	\$175.00	\$168.00	TRUCK	89 Lbs.
UGC40	40' X 120'	\$175.00	\$168.00	TRUCK	89 Lbs.

Black Knitted Cloth, 50% Shade

In Stock, We will cut to length. 100% UV stabilized poly with a lock stitch that keeps edges from unraveling. Can be cut to exact size with household scissors.

"Clip-its" to hold material are supplied at no extra charge, 4' spacing on length of both sides. Lengths over 60' may be subject to oversize shipping charges.



Item #	Description	1-94'	95'+
GSC5026	26' wide, 50% Shade per running ft.	\$4.20	\$3.80
GSC5034	34' wide, 50% Shade, per running ft.	\$5.00	\$4.50
GSC10	Plastic Clip-its (folds and clamps to secure)	\$0.26	-

Custom sizes and other shade percentages also available. Allow two to five weeks for delivery on custom orders. Available shade percentages: 30%, 40%, 50%, 60%, 70%, 80%, 90%.

White Woven Ground Cover

Same as Black Woven Ground Cover except white with green stripes. If this material is exposed to sunlight weeds tend to germinate under it. **3.2 oz./sq.yd. with stripes every foot.**

Item #	Size	1-5 rolls	6+	Ship Via	Weight
WGC03	3' X 300'	\$50.00	\$48.00	GROUND	25 Lbs.
WGC04	4' X 300'	\$66.75	\$64.00	GROUND	33 Lbs.
WGC06	6' X 300'	\$100.00	\$96.00	GROUND	50 Lbs.
WGC12	12' X 300'	\$200.00	\$192.00	TRUCK	104 Lbs.
WGC15	15' X 300'	\$250.00	\$240.00	TRUCK	130 Lbs.

White on Black Woven Ground Cover

3.8 oz./sq. yd. Turn white side up to reflect the sun and heat. Mostly white on one side and mostly black on the opposite side. Very similar to our black woven ground cover, except stronger, and this product has white and black strands interwoven. ***INDICATES NON-STOCK**

Item #	Size	1-5 rolls	6+	Ship Via	Weight
WBG03	3' X 300' *	\$60.00	\$61.00	GROUND	30 Lbs.
WBG06	6' X 300'	\$126.00	\$121.00	GROUND	60 Lbs.
WBG12	12' X 300'*	\$249.00	\$239.00	TRUCK	120 Lbs.
WBG15	15' X 300'	\$309.00	\$297.00	TRUCK	150 Lbs.

Steel Sod Staples



Item #	Description	Price	5+
SS88	HD Staples, 8" x 1", 8 gauge, 500/box	\$43.00	\$41.00
SS611	Staples, 6" x 1", 11 gauge, 1,000/box	\$39.00	\$37.00

DeWitt Custom Woven Shade Cloth

Custom order: Allow 2-5 weeks for delivery. This woven shade cloth is made from 100% polypropylene monofilament strands. UV stabilized, outlasts knitted shade cloth. DeWitt's sewing team can customize panels to any size. They use #4 brass grommets and 2-3/4" reinforcement tape, along the edges, which are double stitched for extra holding power. Available Shade Percentages: 30%, 47%, 55%, 63%, 73%, and 80%. Standard widths are 6', 10', and 12' and any of these can be seamed together and even cut to make your width. For a custom quote or to order: determine your required width, length, shade percentage, and grommet spacing. Ships direct from manufacturer. Call for price quote, or to place an order.



Kool Ray Shade, Classic

Concentrated liquid shadow. Common dilution rate is 1 part to 8 parts water, which reduces light transmission 31%. 1:3 ratio reduces light 45%. 1:1 ratio reduces light 65%. One gallon of solution covers 175 sq. ft. Can be applied by brush, roller, or sprayer, but works best when spray applied. Usually applied in spring or summer then during the course of the year the shading will slowly wear off allowing for increased light levels as the daylight decreases. Frost will also loosen shade. Keep product from freezing.



Item #	Description	Price	4+
KRS1	Kool Ray Classic Shade, 1 gallon	\$42.00	\$41.00
KRS5	Kool Ray Classic Shade, 5 gallon	\$167.50	\$162.50
KRSAA	Kool Ray Extra Stick Adhesive Additive 1 Qt. Makes Kool Ray last longer.	\$24.50	



FR 5

Hanging Basket Display Rack

Holds approx. 25 baskets. Constructed from 14 ga. Gatorshield® Galvanized square tubing. It has 2 solid casters on one end and 2 swivel casters on the other end. Collapsible. Dimensions: 7' high, 8' long, 4' wide at the base.

Item #	Description	Price	10+
FR 5	Display Rack, 5" solid rubber casters (with brakes)	\$322.00	\$310.00
FR 10	Display Rack, 10" flat free tires (no brakes)	\$430.00	\$415.00

Plant Transport Cart

- All metal construction
- Green powder coat paint
- 56-1/2" long x 21" wide x 82-1/2" high - PTC4 (PTC4L is 84-3/4" high)
- Cart has tow hitch and coupling
- Shelves are 2"x 2" wire grid
- Each shelf holds 5 true 1020 trays or 4 standard 1020 trays, and other common pot trays
- 22 shelf rests on 3" centers
- Price includes the base and 4 removable shelves

Item #	Description	Price	10+
PTC4	Plant Transport Cart, with 4 shelves. 6 x 2" casters (rubber over cast iron)	\$479.00	\$464.00
PTC4L	Plant Transport Cart, with 4 shelves. 8" Foam Filled Pneumatic Wheels	\$569.00	\$553.00
PTC4S	Additional Shelves	\$41.50	\$40.00



PTC4S



PTC4

Get some **WHEELS!**
Save your **BACK**

Nursery Cart

Wheelbarrow style with stops to prevent it from tipping forward. Quality green paint. Two 13" flat free tires.

Bed dimensions: 60" Length x 28" Width x 19" Height.

Item #	Description	Price
PTC1	Two-wheeled Nursery Cart	\$420.00



PTC1
Nursery Cart

Greenhouse Shopping Carts

This handy greenhouse cart features handles on both ends. Painted green. 10" flat free tires, 2 swivel and 2 rigid.

Dimensions:

- Double deck cart: 40" Length x 21" Width x 34" Height
- Triple Deck Cart: 48" Length x 21" Width x 43" Height

Item #	Description	Price
PTC2	Double Deck Shopping Cart	\$420.00
PTC3	Triple Deck Shopping Cart	\$525.00



PTC2



PTC3

Tufflite® Greenhouse Plastic

Manufactured by Berry Plastics, Tufflite™ products offer high clarity to allow the most light possible. They also feature tri-layer extrusion and dust resistance.



Tufflite IV™

Tufflite IV™ is a high clarity, 4 year, 6 mil, high quality greenhouse covering. Discounts on orders over \$2500.00

Tufflite IV™, Clear, 6 Mil, 4 Year					
Item #	Size	Price	Item #	Size	Price
T4610	10' X 100'	\$85.00			
T4612	12' X 100'	\$102.00			
T4614	14' X 100'	\$119.00	T4614070	14' X 70'	\$83.30
T4616	16' X 100'	\$136.00	T4616150	16' X 150'	\$204.00
T4620	20' X 100'	\$170.00	T4620150	20' X 150'	\$255.00
T4624	24' X 100'	\$204.00	T4624150	24' X 150'	\$306.00
T4628	28' X 100'	\$238.00	T4628150	28' X 150'	\$357.00
T4632	32' X 100'	\$272.00	T4632150	32' X 150'	\$408.00
T4636	36' X 100'	\$306.00	T4636150	36' X 150'	\$459.00
T4640	40' X 100'	\$340.00	T4640150	40' X 150'	\$510.00
T4642	42' X 100'	\$357.00	T4642150	42' X 150'	\$535.50
T4648	48' X 100'	\$408.00	T4648150	48' X 150'	\$612.00
T4650	50' X 100'	\$425.00	T4650150	50' X 150'	\$637.50
T4656	56' X 100'	\$476.00	T4656150	56' X 150'	\$714.00

Tufflite Infrared™

Tufflite Infrared™ is a 4 year, 6 mil, energy saving greenhouse covering. Features single sided Drip-Less, anti-condensate, along with an additive that retains infrared waves, which improves nighttime heat retention. Light diffusing - reduces shadows. Use for the bottom layer in double layer installations.

Tufflite Infrared™, Clear, 6 Mil, 4 Year					
Item #	Size	Price	Item#	Size	Price
TES20	20' X 100'	\$185.00	TES20150	20' X 150'	\$277.50
TES24	24' X 100'	\$222.00	TES24150	24' X 150'	\$333.00
TES28	28' X 100'	\$259.00	TES28150	28' X 150'	\$388.50
TES32	32' X 100'	\$296.00	TES32150	32' X 150'	\$444.00
TES36	36' X 100'	\$333.00	TES36150	36' X 150'	\$499.50
TES40	40' X 100'	\$370.00	TES40150	40' X 150'	\$555.00
TES42	42' X 100'	\$388.50	TES42150	42' X 150'	\$587.75
TES48	48' X 100'	\$444.00	TES48150	48' X 150'	\$665.00
TES50	50' X 100'	\$462.50	TES50150	50' X 150'	\$693.75
TES56	56' X 100'	\$518.00	TES56150	56' X 150'	\$777.00

Tufflite Nursery Clear™

*Other sizes available by special order

Tufflite Nursery Clear™, 4 Mil, 1 Year. Used on seasonal structures.					
Item #	Size	Price	Item#	Size	Price
TNC24	24' X 100'	\$102.00	TNC24150	24' X 150'	\$153.00
TNC32	32' x 100'	\$136.00	TNC32150	32' X 150'	\$204.00
TNC40	40' x 100'	\$170.00	TNC40150	40' X 150'	\$255.00

Tufflite White Copoly, 70% Shade

A 4 mil, 1 season, greenhouse covering. Can be used for over-wintering, often used for dormant stock or on storage structures.

*Other sizes available by special order

Tufflite White Copoly					
Item #	Size	Price	Item#	Size	Price
T4W24	24' X 100'	\$102.00	T4W24150	24' X 150'	\$153.00
T4W32	32' x 100'	\$136.00	T4W32150	32' X 150'	\$204.00
T4W40	40' x 100'	\$170.00	T4W40150	40' X 150'	\$255.00

Klerks KoolLite Plus

NON STOCK



This 4 year, 6 mil, UV stabilized covering allows 84% light transmission, yet lowers greenhouse air temperature by 10 degrees compared to traditional greenhouse films. Also features light diffusion (53%), 2 sided anti-condensate, and IR additives that re-radiate nighttime infrared heat. **Lead time: 4-12 weeks.**

KoolLite Plus, 6 Mil, 4 Year					
Item #	Size	Price	Item #	Size	Price
KKL32	32' X 100'	\$416.00	KKL32150	32' X 150'	\$624.00
KKL36	36' X 100'	\$468.00	KKL36150	36' X 150'	\$702.00
KKL42	42' X 100'	\$546.00	KKL42150	42' X 150'	\$819.00
KKL48	48' X 100'	\$624.00	KKL48150	48' X 150'	\$936.00

**Need a plastic size that we don't list? We can get most any size, in all off Klerks greenhouse films. Lead time: 6-15 weeks.*

Poly Patch Greenhouse Tape

A rugged patching tape that is perfect for mending greenhouse rips and tears. Clear, polyethylene tape with a medium tack acrylic-based adhesive with a white poly coated release liner.

Item #	Description	Price
PPT02	Poly Patch Tape, 2" X 48'	\$9.10
PPT04	Poly Patch Tape, 4" X 48'	\$17.00
PPT06	Poly Patch Tape, 6" X 48'	\$24.50
PPT10	Poly Patch Tape, 10" X 48'	\$46.50



Gorilla® Clear Tape

Adhesive strength of Gorilla Tape, crystal clear tape that does not yellow outdoors. Made with a heavy duty adhesive layer and waterproof backing for extreme durability. This tape is UV and temperature resistant.



Item #	Description	Price
TAP030G	Clear Tape, 2.83" x 45' (15 yd)	\$20.50

CLEAR Greenhouse Repair Tape

UV Resistant, 10 cm x 65 mtrs



Item #	Description	Price
PPT04C	Clear Tape, No Liner	\$30.00

Inflation Blowers

For inflating double layered film on greenhouses. 120 Vac. Pre wired with 8' cord.



Item #	Description	Price
GEA0600	3 Bolt Blower, 60 CFM, 0.15A (18 W)	\$62.00
GEA0601	3 Bolt Blower Mounting Kit	\$17.00
GEA1480	4 Bolt Blower, 148 CFM, 0.5A (60 W)	\$72.00
GEA1481	4 Bolt Blower Mounting Kit	\$17.00

Air Jumper Tube

Air jumper tubes with twist coupling ends. Used to jump air from main inflated part to side curtains and endwalls.



Item #	Description	Price
GEA224	24" Air Jumper Tube	\$16.50
GEA248	48" Air Jumper Tube	\$17.50

Muffin Inflation Fans

Item #	Description	Price
GEA2	12VDC Muffin Fan Inflation Unit, 77 CFM, Brushless 12VDC, 0.32A (3.84 W) Includes a wirelock frame and wires with battery clamps.	\$70.00
GEA20	Replacement 12V Muffin Fan Only	\$33.00
GEA20AC	110VAC Muffin Fan (25 W), wire leads only (no plug, not pre-wired). No frame, fasten with cable ties or make your own frame.	\$35.00

Greenhouse Building Supplies

Greenhouse Spacer Blocks

These spacer blocks are used to create an air layer between two layers of poly without the need for an inflation blower or electricity. They are commonly used where electricity is unavailable.



Item #	Description	Price	100+
GSB	Greenhouse Spacer Block	\$5.75	\$5.50

White Felt Tape

White, 1/8" thick felt with an acrylic-based adhesive. Use to cover sharp edges or rough surfaces. Protects greenhouse hoops and components from wearing and tearing greenhouse film.

Item #	Description	Price
TAPF015	White Felt Tape, 1-1/2" x 48'	\$18.00

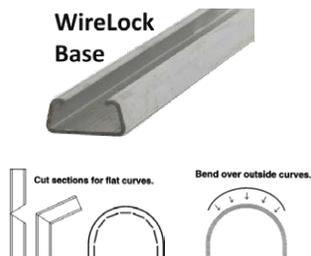
White Vinyl Batten Tape

For securing plastic film to end walls, wood frame greenhouses, cold frames, etc. Just staple every 3-4" holding tape tight. 3/4" wide x 1/32" thick, 500 ft. roll.

Item #	Description	Price
GGA500	3/4" x 500' Batten Tape	\$38.00

Wirelock Poly Fastener

Poly fastener system that also works with shade cloth, insect and bird netting, etc. ZigZag wires lock the material in the WireLock channel. (ZigZag wire sold separately, see below). Can be used to splice poly. Can be formed to the top of curved bows. Holds up to 4 layers poly and 2 layers ZigZag wire.



Item #	Description	Price	20+	60+
GFA1	8' Aluminum Single Wirelock	\$6.70	\$6.00	\$5.60
GFA10	12' Aluminum Single Wirelock	\$10.05	\$9.00	\$8.40

ZigZag Wire

ZigZag Wire

For use with wirelock poly fasteners. Our ZigZag wire is made from .085" diameter, heavy duty, stainless steel spring wire, double-tempered to allow for a better return to original shape.

Item #	Description	Price	50/Bundle (200')
GFA104	4' ZigZag Wire	\$1.00	\$0.88 = \$44.00

Double Wirelock

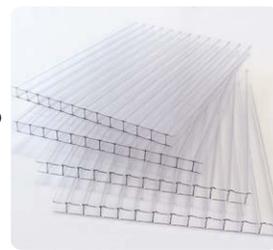
Commonly used at the top of roll up sides which eliminates the need to run a supporting board vs single WireLock. Splice plates included. Order ZigZag wire separately.



Item #	Description	Price	8+
GFA108	8' Aluminum Double Wirelock	\$17.00	\$15.50
GFA1080	12' Aluminum Double Wirelock	\$25.00	\$23.00

Polycarbonate Sheeting

Clear twin-wall 8 MM polycarbonate sheeting. The perfect glazing choice for any greenhouse covering, translates its many unique features into cost saving benefits. Heavy Gauge - Increased strength. Improved hail protection. Anti-Fog, prevents condensation buildup. Improved light transmission. Ten year warranty. **Install with UV protected side toward exterior.**

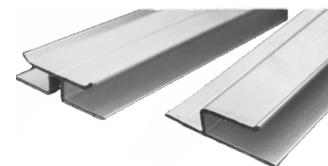


Item #	Description	Price	10+
POL80408	4'X8' Polycarbonate Sheet, 8 MM	\$35.20	\$33.60
POL80410	4'X10' Polycarbonate Sheet, 8 MM	\$44.00	\$42.00
POL80412	4'X12' Polycarbonate Sheet, 8 MM	\$52.80	\$50.40
POL80414	4'X14' Polycarbonate Sheet, 8 MM	\$61.60	\$58.80
POL80416	4'X16' Polycarbonate Sheet, 8 MM	\$70.40	\$67.20

We can custom order almost any length sheets. (Max. 48')

Aluminum Extrusions for Polycarbonate

For 8 MM Polycarbonate sheeting. Double H is used to join two pieces. Single h is used to hold down edge or cover end.



Item #	Description	Price	20+
POL2H	12 Double H Extrusion	\$14.50	\$13.50
POLH	12' Single H Extrusion	\$11.00	\$10.25

Tape and Washers for Polycarbonate

POL010 is a 1" neoprene/metal bonded washer. Use with fasteners when securing polycarbonate. Aluminum tape can be used to close the top of polycarbonate. Vent tape is used to cover bottom of polycarbonate and keeps bugs and dirt out while draining water and letting air in.



Item #	Description	Price
POL010	1" Metal/Neoprene Washers, 100/bag	\$9.00
POLA	2" x 150' Aluminum Foil Tape	\$11.00
POLV	1-1/2" x 108' Vent Tape	\$31.00

End Bow Wirelock

Use on gable end arch (bends to fit curved arch). Attach to top of arch with #12 x 1" Tek screws every 12". (See page 42.) Cut polycarbonate to fit curve and slide underneath flange.



Item #	Description	Price
GFA1212	12' End Bow Wirelock	\$17.50

Side Clamps

This 3" wide poly strap, no holes, is used for attaching double WireLock to greenhouse arches.



Item #	Description	Price
GPSC010	1-3/8" Slide Clamp fits 1.315" OD pipe	\$1.80
GPSC012	1-5/8" Slide Clamp fits 1.66" OD pipe	\$1.80
GPSC015	2" Slide Clamp fits 1.9" OD pipe.	\$1.90

Stainless Steel Screws

Tek Screws Hex head. Self drilling into metal.



Item #	Description	Bag Qty	Price	5+
GFA2107	#10 x 3/4" SS Tek Screw	100	\$9.00	\$8.00
GFA2121	#12 x 1" SS Tek Screw	100	\$11.00	\$10.00
GFA21215	#12 x 1-1/2" SS Tek Screw	100	\$14.00	\$13.00
GFA331	5/16" Hex Driver Bit for above	-	\$2.50	-
GFA2141	#14 x 1" SS Tek Screw	100	\$16.00	\$15.00
GFA337	3/8" Hex Driver Bit for above	-	\$3.00	-

Tek Screws Philips pan head. Self drilling into metal.



Item #	Description	Bag Qty	Price	5+
GFA2121P	#12 x 1" Philips Tek Screw	100	\$15.00	\$14.00

Self Drilling thru aluminum extrusion into wood.

Item #	Description	Bag Qty	Price	5+
GFA21015	#10 x 1-1/2" Philips Tek Screw	100	\$15.50	\$14.00

Tek Screws, Counter Sink Flat Head. Self drilling through wood into metal.



Item #	Description, Stainless Steel Philips Drive	Bag Qty	Price	5+
GFA21415F	#14 x 1-1/2" Tek Screw	50	\$14.00	\$13.00

Item #	Description, Galvanized, Star Drive, Wings	Bag Qty	Price	Cs/8
GFA21225G	#12 x 2-1/2" Tek Screw	250/Bag	\$34.00	\$32.00

Wood Screws with Washer, 1/4" Hex head.



Item #	Description	Bag Qty	Price	Cs /10
GFA2015	#9 x 1-1/2" Wood Screw	250	\$54.00	\$52.00
GFA325	1/4" Hex Driver Bit for above.	-	\$2.00	-

Deck Screws, Star drive - no slipping.



Item #	Description	1 Lb. Box	Price	5+
SSS0915	#9 x 1-1/2" Deck Screw	167 pc.	\$20.00	\$19.00
SSS092	#9 x 2" Deck Screw	124 pc.	\$20.00	\$19.00
SSS0925	#9 x 2-1/2" Deck Screw	86 pc.	\$20.00	\$19.00

Cross Connectors

Don't Drill! Cross-Connect! Unique, 2-piece aluminum connector retains 100% of your frame's strength.



Item #	Description	Price	50+
GCC1315	Connects 1.315" to 1.315" pipe	\$2.15	\$1.90
GCC166	Connects 1.315" to 1.66" pipe	\$2.20	\$1.95
GCC200	Connects 1.315" to 1.9" pipe.	\$2.25	\$2.00
GCC237	Connects 1.315" to 2.375" pipe.	\$2.60	\$2.35

Metal Pipe Straps

These heavy-duty, 3 hole metal pipe straps are used to fasten purlins, windbraces, baseboards, etc. Has a predrilled hole on the round part of the strap for a third tek screw to keep it from sliding.



Item #	Description	Price	250+
GPS010	1-3/8" Pipe Strap, fits 1.315" OD pipe	\$0.55	\$0.45
GPS012	1-5/8" Pipe Strap, fits 1.66" OD pipe	\$0.68	\$0.58
GPS015	1.9" Pipe Strap, fits 1.9" OD pipe	\$0.70	\$0.60
GPS020	2-3/8" Pipe Strap, fits 2.375" OD pipe	\$0.85	\$0.75

Square Galvanized Tubing

This steel square tubing has a heavy-duty galvanized coating for long term rust and corrosion protection. Uses include: **framing greenhouse gable ends**, greenhouse benches, doors, etc.



Item #	Description	Price	25+
GGPS1713314	1-3/4" X 13' 4" Sq. Tubing, 14 Ga.	\$32.00	\$31.00
GGPS150816	1-1/2" x 8' Sq. Tubing, 16 Ga.	\$13.00	\$12.50
GGPS151216	1-1/2" x 12' Sq. Tubing, 16 Ga.	\$19.50	\$18.50

Splicer or End Connector with Plate

Fits inside 1-3/4" square tubing. Fasten with #14 x 1" Tek screws.



Item #	Description	Price
GGPSC1	12" Splicer	\$2.80
GGPSF1	End Connector with Plate	\$4.00

HEAVY DUTY End Wall Angle

ELL for connecting square tubing at right angles. Angle is 1-1/2" x 2" with three holes for fasteners. Fasten with #14 x 1" Tek Screws.



Item #	Description	Price	100+
GGPA	HEAVY DUTY End Wall Angle	\$0.70	\$0.65

Brace Bands

Item #	Fits Pipe O.D.	Price
GFA31315	1.315" Brace Band	\$0.62
GFA3166	1.66" Brace Band	\$0.65
GFA3200	1.9" Brace Band	\$0.70
GFA3237	2.37" Brace Band	\$0.90
GN 1	5/16" Galv. nut	\$0.08
GCB015	5/16" x 1-1/2" Galv. Carriage Bolt	\$0.24



End Wall Framing Brackets

Fastens wood or metal square tubing end walls. Size indicates size of brace band, match to your arch size.

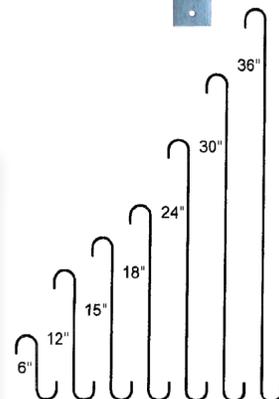
Item #	Description	Bag/6
GFA241315	1.315" End Wall Framing Bracket	\$20.10
GFA24166	1.66" End Wall Framing Bracket	\$20.70
GFA24200	1.9" End Wall Framing Bracket	\$21.00
GFA24237	2.37" End Wall Framing Bracket	\$22.50



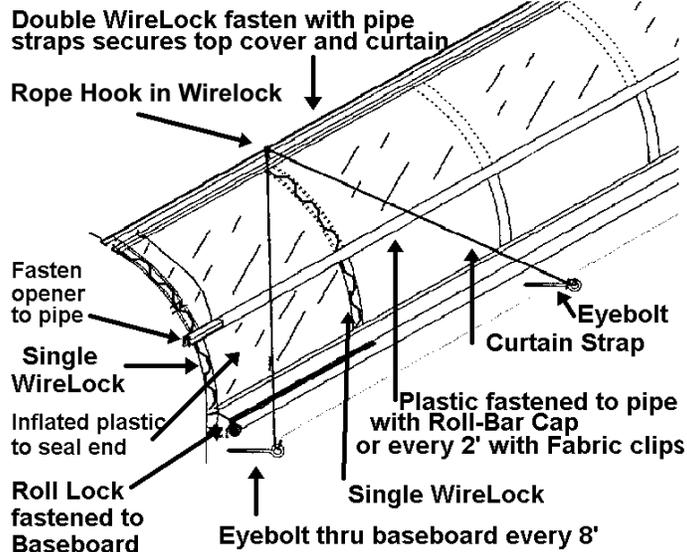
Extension Hangers

Heavy-duty S-hooks. Made from 10 gauge galvanized steel, these S-hooks can hold up to 35 pounds. 1-3/8" hooks on each end.

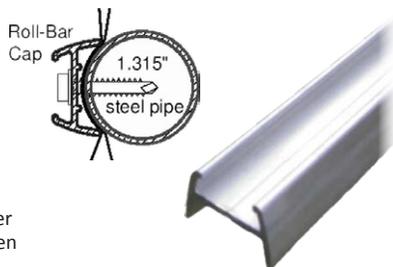
Item #	Description	Price
S 06	6" S-hooks, 100/Box	\$24.50
S 12	12" S-hooks, 100/Box	\$28.50
S 15	15" S-Hooks, 100 /Box	\$30.50
S 18	18" S-Hooks, 100/ Box	\$32.50
S 24	24" S-Hooks, 100/Box	\$38.00
S 30	30" S-hooks, 100/Box	\$45.00
S 36	36" S-hooks, 100/Box	\$50.00



Greenhouse Roll Up Sides



Double WireLock & ZigZag Wire See page 41



Roll Bar Cap

Securely holds single or double layer plastic to 1.315" OD. roll pipe. Fasten with #12 x 1" Tek screws every 12"

Item #	Description	Price	24+
GFA5RBC	8' Roll Bar Cap	\$6.25	\$5.75
GFA5RBC12	12' Roll Bar Cap	\$9.00	\$8.50

Aluminum Fabric Clips

Fastening plastic or shade cloth to pipe is a snap with fabric clips. Space every 2' on roll pipe.

Item #	Description	Price	100+
FC 007	3/4" Fabric Clip, fits .92" OD pipe	\$1.25	\$1.20
FC 010	1" Fabric Clip, fits 1.315" OD pipe	\$0.80	\$0.75
FC 012	1-1/4" Fabric Clip, fits 1.66" OD pipe	\$1.00	\$0.95

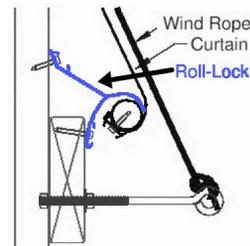
Side Clasp Roll Bar

Posi-Clasp's 2" OD aluminum Side Clasp Roll Bar is the "all in one" roll bar. This roll bar can be used on curtain systems up to 200'. Works great with Roll-Lock. The SCRb uses Zig-Zag Wire (not included) to clasp one or two layers of curtain material into the built-in WireLock groove, allowing it to maintain its round shape as the curtain is rolled up. Comes with square splicer that keeps roll bar from twisting.

Item #	Description	Price	8+
GFA5SCRb12	12' Side-Clasp Roll Bar	\$36.50	\$35.00

Aluminum Roll-Lock

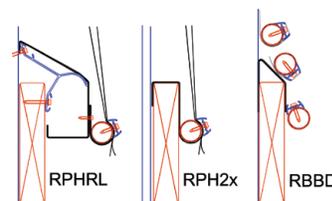
The Posi-Clasp Roll-Lock extrusion, creates a fully secured seal at the bottom of the roll up sides. Because of its superior seal it is recommended to use on heated structures. Enhances wind control and extends poly life. Splice plates are included.



Item #	Description	Price	6+
GFA5RL	8' Aluminum Roll-Lock	\$34.00	\$33.00
GFA5RL1	12' Aluminum Roll-Lock	\$51.00	\$49.50

Roll Pipe Installation Aids

Hangers (RPHRL & RPH2x) make roll bar installation quicker, easier, and more uniform. Pipe hanger sets uniformly support 96' of roll pipe during installation. Hangers can be moved along greenhouse as installation progresses. **Roll pipe deflector** is for 2" baseboard. Install when not using Roll-Lock to deflect roll pipe out over edge of base-board.



Item #	Description	Price
GFA5RPHRL	1.315" Pipe Hanger, for Roll-Lock, set of 9	\$39.00
GFA5SCHRL	Side Clasp Hanger, for Roll Lock, set of 9	\$39.00
GFA5RBBD	Pipe Deflector, for 2" Baseboard, set of 9	\$19.00
GFA5RPH2X	Roll Pipe Hanger, fits 2" Baseboard, set of 9	\$21.00

Zinc Eye Bolts and Screws

Item #	Description	Price
ZEB4003	5/16" x 4" Eye Bolt, for baseboard w/o Roll-Lock	\$1.20
ZEB06003	3/8" x 6" Eye Bolt, for baseboard w/Roll-Lock	\$1.75
ZEB08004	3/8" x 8" Eye Bolt, for baseboard w/ Roll-Lock	\$2.05
ZES04003	5/16" x 4" Eye Screw, for baseboard w/o Roll-Lock	\$0.85

Curtain Rope & Rope Hooks

Black braided 3/4" 100% polyester and 3/16" white diamond braided nylon curtain ropes. EZ Snap Rope Hook will lock into wire-lock base or fasten with bolt or screw to any flat surface. Used primarily for curtain rope holder on roll-ups or drop curtains.



Item #	Description	Price
GFA5CR	1/4" x 350' Black Curtain Rope	\$39.00
GFA5RH	Aluminum Rope Hook, Pack of 25	\$25.00
NR00205	500' 3/16" White Nylon Rope	\$29.00
NR0021	1000' 3/16" White Nylon Rope	\$50.00
NR00405	500' 1/4" White Nylon Rope	\$42.00

Curtain Strapping

Item #	Description	Price
GFA5CS2	2" x 600' Black Curtain Strapping, UV resistant	\$48.00

Handheld Poly Sealer

Seal 2 layers of poly together at curtain ends to allow roll up sides to inflate. Required for automatic inflation of Roll Up/Lockdown Systems that use the Roll-Lock extrusion. Features: 6" sealing length with teflon coated jaws. Seals PE, PVC, Cello, Mylar, and more. 115 volt, 25 watt.



Item #	Description	Price
GFA5HS	Handheld Poly Sealer, 6" jaws	\$109.00

Manual Gear Crank Operator Packages

5:1 Ratio, internal brake. Needs to be reached from the ground. Uses 1" OD guidepipe. Rolls up to 96'. Not for use with Roll-Lock (use HD cranks, see below.)



Item #	Description	Price
GFAM04	5:1 Gear Crank, fits 1.315" roll pipe	\$86.00
GFAM04P	6' Guidepipe & Hanging Hardware for GFAM04	\$16.00

7:1 Ratio, Heavy-duty, internal brake. Includes 24" crank handle. Rolls up to 120', works with Roll-Lock. Fits 1.315" guidepipe and roll pipe.



13:1 Ratio, Heavy-duty, internal brake. Includes 24" crank handle. Rolls up to 240', works with Roll-Lock. Fits 1.315" guidepipe and roll pipe.



Item #	Description	Price
GFAM07	7:1 Gear Crank with 24" crank handle	\$152.00
GFAM13	13:1 Gear Crank with 24" crank handle	\$185.00
GFAMDC14	14" Drill Crank (for GFAM07 & GFAM13)	\$23.50
GFAMHB99	120" Crank handle (for GFAM07 & GFAM13)	\$49.00
GFAMLH	Loop Handle (for GFAM07 & GFAM13)	\$39.00

Steel Swivel Lock & Hand Crank

Simple roll up crank. Includes locking universal joint and hand crank. Use 1.315" pipe to connect the pieces (not included). Pipe should be long enough so that handle locks against the ground. Only recommended for rollup sides or doors that are 36" or shorter.



Item #	Description	Price
GFA5HC	Hand Crank & Swivel Lock	\$30.00
GFA5HC5	Preassembled Hand Crank 5' Long	\$30.00

Manual Gear Crank for Doors

Doesn't require a guide pipe and allows the roll pipe to touch the ground. Ideal for doors or curtains that don't reach to the end of the structure. Stays attached to the roll pipe and is held at the correct height by securing handle to sidewall. 7:1 ratio with internal brake. **Fits 1.315" roll pipe.** 1.66" adapters also available.



Item #	Description	Price
GFAM07LH4	7:1 Gear Crank with 4' long handle.	\$205.00

Low Voltage Controllers

For ventilation control on roll up sides and roof vents with low voltage motor packages. 110VA input, 24VDC output. Also controls heaters & fans. All controllers have manual override.



GFA5VCU2



GFA5VC40

Tired of using multiple thermostats? We sell custom-touch screen controllers to control all the ventilation and heat in your greenhouse(s). For quote, call with your requirements.

Item #	Description	Price
GFA5VCU2	Controller; 1 stage of rollups (1 or 2 motors) + 2 stages dry contacts for heaters, fans, etc.	\$820.00
GFA5VC40	AegisTEC Touchscreen Controller; 2 stages of rollups (3 motors) +2 stages contacts for heaters, fans, etc. With timed, weather, and humidity override options. Sensors sold separately.	\$1105.00
GFA-5VC40-Plus	AegisTEC Plus Touchscreen Controller; Same as above except more capacity. Dual zone capable (2nd sensor needed)	\$1550.00
GFA5CIB	Contact to run fans, max 25 amps.	\$120.00
GFA5VCSH	Humidity sensor override for all above.	\$465.00
GFA5VCSR	Rain Sensor, override for AegisTEC	\$298.00
GFA5VCSW	Anemometer, Wind override for AegisT	\$255.00

Also available: Solar powered controllers and interface boxes to accept signals from other controllers. **Call for prices.**

Low Voltage Motor Operator Packages

Energy efficient yet powerful! 24VDC motors for above controllers. Rolls up to 5' x 200' curtain. Includes roller guide, adapter for 1.315" roll pipe and guidepipe hardware. Use 1.315" guidepipe.



Item #	Description	Price
GFA5LVM60	60NM, rolls up to 5' x 200' curtain	\$318.00
GFA5LVML	Limit Switch, required if using with Roll-Lock.	\$99.00

Solarside® Woven Curtain Poly

Great for rollup curtains, rollup doors or gable end covering.

- More puncture resistant than 6mil poly.
- Lightweight and extremely strong
- Diffuses light evenly
- UV Stabilized
- 87% Light transmission
- 6.8 oz/sq. yd.



Priced and sold by the linear foot.

Item #	Description	1'-99'	100'-199'	200'+
FRS06	6' Solarside Reinforced Poly	\$1.85	\$1.74	\$1.65
FRS13	13' Solarside Reinforced Poly	\$3.59	\$3.37	\$3.20

LED Grow Lights

These LED grow lights are designed for supplemental light-not intended to be able to grow plants without the aid of sunshine. Standalone design-no fixture needed-these LED tube lights are easy to install with included hardware.

- No wiring needed when using our integrated cords. Daisy chain up to 2 lights (96 watts). You can daisy chain more, but that voids warranty.
- Energy saving: Uses less energy and produce less heat than full spectrum lights. 100% of the power input is used for your plant chlorophyll production.
- These lights have special red and blue mixing LED bulbs. 3 parts red for every 2 parts blue. Different color light helps plants achieve different goals. The blue light helps encourage vegetative leaf growth. Red light, when combined with blue, allows plants to flower. *Call for prices on quantities of 48 or more.*



Item #	Description	1-11	12+
GL0448	48" Tube LED Grow Light, 48 Watt (T8 size)	\$36.00	\$33.00
GCL055	5' Cord with switch, outlet to light	\$8.00	\$7.25
GLC095	9' Cord with switch, outlet to light	\$10.50	\$9.50
GLC02	2' Cord, light to light	\$4.00	\$3.60
GLC03	3' Cord, light to light	\$4.70	\$4.25
GLC04	4' Cord, light to light	\$7.70	\$7.00

Thermostats

These corrosive environment thermostats can be wired for heating or cooling. Up to 240Vac. SS sensor. Temperature range: 40° - 100°F.



Item #	Description	Price
GEA81	Heavy Duty Single Stage, SPDT, Gray	\$45.00
GEA801	Single Stage Thermostat, White	\$33.00
GEA801C	1 Stage Thermostat, with cord for cooling.	\$56.00
GEA82	2 Stage or 2 Speed Heavy Duty, DPDT, Gry	\$89.00
ECCW005	Waterproof Cord Connector	\$5.60

Heat Thermostat

6' Remote Sensor, 3 prong cord & receptacle. On indicator light, 120V, Max. Amp 8.3 Temperature range: 68° - 108° F.



Item #	Description	Price
GEA810	Heat Thermostat	\$58.00

DBCI Corrugated Metal Roll-up Doors

26-gauge galvanized, polar white, grade E hard steel curtain with 5/8" ribbed corrugation. All models listed below are wind rated at 90 plus MPH. Unlike most other brands these doors have corrugated drum to prevent misalignment and for quieter operation. 9 to 12" drum diameter (depending on door size). For more info visit www.dbci.com

Item #	Description	Price
MRD1009	10' wide x 9' high, Series 690, 16ga galv steel guides & windbar, no chain hoist	\$1220.00
MRD0808	8' wide x 8' high, Series 650, 18-gauge galv steel guide system, no chain hoist	\$925.00

60" Premium Indoor/Outdoor UL507 Ceiling Fan

Features:

Designed for high humidity and high moisture applications including poultry, swine, dairy, greenhouse, and factories

- Switch on fan allows you to reverse operation for upward or downward airflow
- Completely sealed motor and housing
- 23" cord with 3-prong plug pre-wired for 115 volts
- 10" down rod (total fan height is 21")
- High output curved steel blades
- Corrosion-resistant white powder coated finish
- Simple J-Hook Mount
- Energy efficient 9,415 CFM of air movement using less energy than a 100 watt light bulb
- Mixes air to save you money on heating and cooling bills



- Smooth
- Quiet
- Efficient

Item #	Description	Price	4+
JCF60	60" Premium Indoor/Outdoor UL507 Ceiling Fan	134.00	\$130.00

Digital Thermostats

Weatherproof with 10' remote sensor. Can be wired for heating or cooling. Temperature range: -58°-250°F, Adjustable Differential 1 to 30° F, 115/230V, 10 amps.



Item #	Description	Price
GEA81D	Single Stage Thermostat	\$139.00
GEA82D	2 stages heating or cooling or 1 stage of each	\$172.00
ECCW005	Waterproof Cord Connector	\$5.60



Aluminum Shutters

These aluminum shutters from Hessaire are designed to be used as an inlet, but may also be used for free-air exhaust. Nylon bushings, solid shafts, drawn cup-type sleeves on all movable linkages.



Item #	Description	Price
JAS16	16" Single Panel Shutter	\$54.00
JAS24	24" Single Panel Shutter	\$80.00
JAS30	30" Single Panel Shutter	\$99.00
JAS36	36" Double Panel Shutter	\$158.00
JAS40	40" Double Panel Shutter	\$175.00
JAS42	42" Double Panel Shutter	\$195.00
JAS48	48" Double Panel Shutter	\$228.00
JAS54	54" Double Panel Shutter	\$260.00
JAS60	60" Double Panel Shutter	\$310.00

Heavy Duty ACME Shutters

JAS36H	36" Single Panel Shutter	\$205.00
JAS48H	48" Double Panel Shutter	\$295.00

Shutter Motor Kits

Works with all the above shutters. 115/230V. Includes motor, lever arm, chain, s-hooks, tension springs, mounting bracket and assembly hardware.



Item #	Description	Price
JAS1	Shutter Motor Kit	\$104.00
JAS11	Replacement Motor Only	\$92.00

Univent Automatic Opener

Can be adjusted to open between 60° - 70° F.

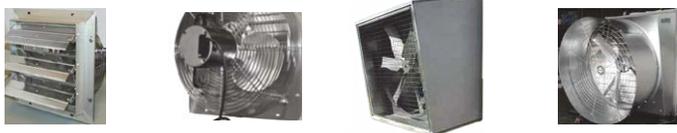


Item #	Description	Price
JAS1A	Univent Automatic Opener	\$45.50
JAS1AH	Hardware to mount to above shutters	\$2.50

Shutter & Slantwall Fans

JSF Shutter Fan, shown above left: features heavy-duty combination motor mounted/safety guard with bright easy-to-clean zinc-chromate finish.

JSW Slantwell Fan, shown above right: features galvanized box, Direct drive motors, except JSW36 and JSW50C are belt drive, wire mesh guard. JSW50C features cone for better performance.



Item#	Size	CFM	HP/RPM	Rough Opening	Price
JSF12	12"	970	1/10 hp/1,625	12-5/8"	\$198.00
JSF16	16"	1440	1/10 hp/1625	16-5/8"	\$220.00
JSF20	20"	3140	1/3 hp/ 1725	20-5/8"	\$290.00
JSF24	24"	4640	1/2 hp/1725	24-5/8"	\$355.00
JSF30	30"	6770	1/2 hp/825	30-5/8"	\$438.00
JSW30	30"	7100	1/2 hp/825	38"H x 37"W	\$730.00
JSW36	36"	9700	1/2 hp belt drive/525	42"H x 41"	\$1240.00
JSW50C	50"	21,600	1 hp belt drive/588	57"H x 55"	\$1390.00

Circulation Fans

With 10' cord, pre-wired for 115 volts, single phase. Totally enclosed, maintenance-free, direct drive high-efficiency motors have completely sealed ball bearings. Motors are variable speed capable (controller must be sourced separately.)



Item #	Description	Price	4+
JHF2	20" EZ-Breeze Fan, 1680 CFM 1/10 hp, 1.08 amps	\$160.00	\$156.00
JHF12	12" Green Breeze Fan, 970 CFM 1/10 hp, 1.12 amps	\$163.00	\$159.00
JHF20	20" Green Breeze Fan, 3,650 CFM 1/3 hp, 3.52 amps	\$258.00	\$252.00

JHF12 and JHF20: Front can be opened for cleaning.

Circulation Fan

These Hessaire circulation fans feature industrial grade aluminum blades. Guards are powder coated. Bracket included. Single phase, 115V



Item #	Description	Price	4+
JHF12H	12" Fan, 1/10 hp 1.0A 1,085 CFM	\$103.00	\$100.00
JHF20H	20" Fan, 1/3 hp 3.2A 3,440 CFM	\$171.00	\$166.00

Slant Wall Fan

Exhaust fan features 4 or 5 blade propellor, belt drive, aluminum intake shutter. 115/230 volts.



Item #	Size	CFM	HP/RPM	Price
JSW36H	36"	10,170	3/4 hp/709 4 blade	\$915.00
JSW42	42"	15,530	1 hp/460 5 blade	\$1150.00

Euroemme Heavy-Duty Exhaust Fans

Centrifugal shutter system keeps the efficiency of the fan at peak all the time by keeping the shutters fully open. Shutters do not have to be cleaned regularly. Heavy duty galvanized shutters are tightly closed when the fan is not in operation, preventing any air leakage. Considering the effect of dirty shutters on the other slant wall fans, the efficiency of the Euroemme fan is 15-25% better than any other fan.

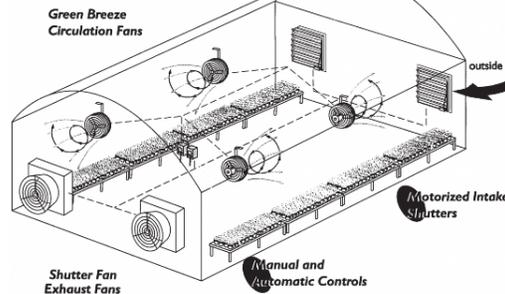


Detail of Centrifugal Opener



Item #	Size	CFM @ 0" Static Pressure	Motor	Rough Openings	Price
EF 136	36"	11,650	3/4hp	43"	\$1260.00
EF 150	50"	20,500	1 hp	54-1/2"	\$1390.00

A complete ventilation system is essential for all greenhouse applications.



Drawing at left shows a typical fan set-up.

Number of circulation fans changes with length.

One exhaust fan can be used in a narrower frame and more in a wider or longer frame.

Modine Model PTP

Stainless Steel Heat Exchangers for longer life. 82% Efficiency. Modine's horizontal power vented PTP unit heater line. Electronic Ignition with 100% shutoff and continuous retry. Power vent does not require vertical vent pipe.



Item #	BTU/hr Input/Output	CFM	Vent Size	Weight	Price
MPTP150*	150,000/123,000	2140	4"	165 Lbs.	\$1460.00
MPTP175*	175,000/143,500	2725	4"	210 Lbs.	\$1630.00
MPTP200*	200,000/164,000	2870	4"	220 Lbs.	\$1710.00
MPTP250*	250,000/205,000	3995	6"	265 Lbs.	\$2070.00
MPTP300	300,000/246,000	4545	6"	270 Lbs.	\$2430.00

Modine Model PDP

83% Efficiency. Modine's vertical power vented PDP unit heater line. Electronic ignition with 100% shutoff and continuous retry. Power vent does not require vertical vent pipe.



Item #	BTU/hr Input/Output	CFM	Vent Size	Weight	Price
MPDP150	150,000/124,000	2180	5"	168 Lbs.	\$1550.00
MPDP175	175,000/145,250	2550	5"	175 Lbs.	\$1665.00
MPDP200	200,000/166,000	2870	5"	239 Lbs.	\$1765.00
MPDP250	250,000/207,500	3700	6"	239 Lbs.	\$2190.00

Modine Effinity 93

Modine Model PTC. With Stainless Steel Heat Exchangers for longer life. At 93% efficiency, Modine's Effinity 93 is the most efficient condensing unit heater in North America. Direct Spark Ignition. Power Exhaust. High Efficiency Separated Combustion. Use PVC vent pipe, use same size pipe for combustion air inlet. (Do not draw combustion air out of greenhouse.) Drains an acidic condensate. *Vent and drain must be installed properly.*



Item #	BTU/hr Input/Output	CFM	Vent Size	Weight	Price
MPTC085	85,000/79,050	1650	3"	125 Lbs	\$2630.00
MPTC135	135,000/125,550	2160	3"	165 Lbs	\$3750.00
MPTC180	180,000/167,400	3020	4"	215 Lbs	\$4130.00
MPTC215	215,000/199,950	3865	4"	265 Lbs	\$4725.00
MPTC260	260,000/241,800	4585	4"	265 Lbs	\$4955.00



Modine Hot Dawg®

Electronic Ignition with 100% shutoff and continuous retry. Power vent does not require vertical vent. 82% Efficiency.



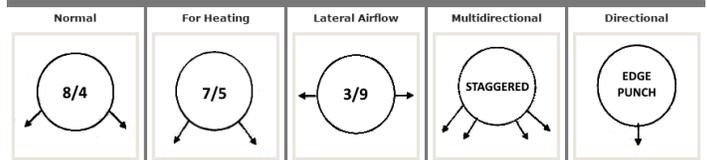
Item #	BTU/hr Input/Output	CFM	Vent Size	Weight	Price
MHD045*	45,000/36,900	720	3"	60 Lbs	\$845.00
MHD075*	75,000/61,500	1160	3"	85 Lbs	\$985.00
MHD100*	100,000/82,000	1490	4"	125 Lbs	\$1125.00
MHD125*	125,000/102,500	1980	4"	128 Lbs	\$1210.00

Convection Tubing

Kenbar convection tubing is made from clear polyethylene and is protected with a strong ultraviolet inhibitor. The plastic is formulated for maximum light penetration and for durability in a greenhouse environment.



Convection Tubing Punch Positions



We will ship standard 8/4 punch unless otherwise specified. For staggered or edge punch add \$0.12/ft.

Item #	Description	Price
GCT612	12" Dia. Tubing, 6 mil 3 year	\$0.95/ft.
GCT618	18" Dia. Tubing, 6 mil 3 year	\$1.15/ft
GCT624	24" Dia. Tubing, 6 mil 3 year	\$1.45/ft
GCT630	30" Dia. Tubing, 6 mil 3 year	\$1.75/ft

*Small order upcharge of \$13 on orders less than \$50. Shipped from and FOB, Rochester, NY.

Portable Infrared Heaters

Odorless. Near perfect combustion produces almost zero smell or smoke while running. **99% Fuel Efficiency** & large radiation disc with infrared technology = huge fuel savings. **Radiant Heat** heats objects, not the air. Not as smelly, noisy, and more effective than a torpedo heater. **Burns diesel fuel or kerosene. 115 volt.**



Item #	BTU/hr Hi/Low	Tank	Hr/Run	Wt.	Price
IR DAYSTAR	51,800	2.6 gal	6	40 lbs	\$1180.00
IR5 KBE5S	111,000	9 gal	10.6	84 lbs	\$2265.00
IR7 KBE5L	118,000/100,000 Has fuel pre-heater.	15.1 gal	17/20	93 lbs	\$2540.00

Twister Exhauster Fan

For Convection Tubing (will reduce CFM) Galvanized Exhaust/Tube Fan, has center hinged galvanized butterfly shutter that can be easily removed for tube applications.



Item #	Description	Price
JET24	24" Fan, 4820 CFM, 1/2hp motor	\$440.00

Far Infrared Heater

Less intense, safer and deeper heat penetration. Super quiet cabinet unit heater, built in thermostat. Closed flame design eliminates open flame and allows for venting. **Burns diesel fuel or kerosene. 115 volt.**



Item #	BTU/hr	Tank	Hr/Run	Wt.	Price
IR8 FIR1300	52,000	8 gal	21	93 lbs	\$2410.00

Thermalarm II

Metal contacts close this normally open switch when temperatures exceed the limits you set. Temperature range: 20° - 110°F. No magnetic switch, no relay needed. 6-12 volts.



Item #	Description	Price
GEA300	Thermalarm II	\$47.50

Prewired Temperature Alert

Low and high temperature alert. This sensor, made from a pair of our single stage mechanical thermostats, features superior accuracy and reliability, and will be less likely to corrode or stick than a Thermalarm. Set your desired temperature limits between 40° and 110°F. Labeled, easy to test, no relay needed, wired for up to 24 volts. Prewired with 6' wire to battery and 60' to siren. *Battery and siren not included.*



Item #	Description	Price
SEN2	Prewired Temperature Alert	\$99.00

Sirens



Item #	Description	Price
GEA301	Outdoor Siren, Dual Tone, 115 dB, 6-12 VDC	\$23.00
GEA302	Indoor Siren with strobe, 110 dB, 6-12 VDC	\$18.50
HE2033	12V SLA Battery, 1/4" spade terminals	\$17.95

EasyAlert Wireless Alarm System

This wireless alarm system is an advanced monitoring system that allows you to connect up to 16 wireless sensors, plus hardwired sensors. **Wireless sensors have a range of up to 1 mile** (line of sight) making this the ideal alarm system to monitor your property without running wires to every structure. With battery backup, the alarm will continue to monitor during a power failure.

Customizable: This system isn't limited to temperature monitoring.

Wireless Alarm System Base: Packaged with 110VAC charger and 1 temperature sensor, pre-programmed and ready to use. Enclosed in a plastic case with a speaker that produces a sharp chime when a transmitter is triggered. Adjustable volume. Can be programmed to produce a unique chime for each transmitter. If you put the base in your house, these chimes can wake you up. Or in an outbuilding, we recommend that you connect it to an outdoor siren. It has a built-in power failure & low battery alarm. Programming is done in the base, eliminating the need for a computer.

Hi/Lo Temperature Sensor Monitors air temperatures, High and low temperature set points can be set between 40° and 110°F. Wireless, uses 4 AA batteries. Sensor is a pair of weatherproof thermostats with a built-in transmitter. By using these mechanical thermostats it makes for a very reliable easy to use transmitter.

Sensaphone®

The device that's always there when you can't be.

PROTECT YOUR INVESTMENTS!



Sensaphone®

Remote Monitoring. Protect your investment even when you can't be there. Monitors your unattended facility to detect power failures, temperature extremes, intrusions, water incursion, sounds such as smoke and burglar alarms, and other conditions of your choice.

Alerts you immediately if problems arise. In case of alarm automatically contacts you by phone at up to four (Sensaphone 400) or eight (Sensaphone 800) different phone numbers.

The system communicates in voice synthesized English. Call in any time from any phone for status reports which include power status, temperature, zone status, and also lets you listen to actual sounds onsite.

Includes built-in sensors to monitor a variety of conditions: High sound level; AC electrical power failure; Battery backup; Temperature (uses 1 input). Configurable inputs work with temperature sensors and normally open and closed switch type sensors. If you use SEN2 Prewired Temperature Alert or GEA300 Thermalarm II you can parallel wire multiple units to one input.

Works on regular phone lines and/or fax lines. Will not interfere with operation of answering machine and will not answer except selectively.

Fully and easily programmable.

Item #	Description	Price
SEN400	Sensaphone 400, 4 configurable inputs, dials up to 4 phone numbers	\$440.00
SEN800	Sensaphone 800, 8 configurable inputs, dials up to 8 phone numbers	\$640.00
Sen101	Weatherproof Temperature Sensor, 12' Wire	\$36.00

Power Failure Alarm

110 volt plug in beeper alarms 10 sec. after power fails, includes 9 volt battery.

Item #	Description	Price
SEN3	Power Failure Alarm	\$34.00



Item #	Description	Price
WA1700	Alarm Base & 1 Hi/Lo Temperature Sensor	\$620.00
WA1710	Additional Hi/Lo Temperature Sensor	\$238.00
WA1714	Optional Solar Panel 12VDC Battery Charger	\$65.00
WA1716	Voice Dialer, Custom add on for base	\$229.00

Can be used with sirens (above) or with other 12V alarms.

Custom Options: Solar Panel recommended when 110VAC isn't available. Voice Dialer - calls up to 5 phone numbers when alarm is triggered. We can customize. **Call us with any questions.**

APC Surge Protectors

Protect your SensaPhone, Fax Machines, Telephones and etc. We have used these for years and they work, no more failed equipment due to power surges, spikes, lightning strikes, etc.



Item #	Description	Price
APC P1T	1 AC Outlet, Single line phone with 1 in, 2 out	\$24.00
APC P6W	6 AC Outlet	\$19.50
APC P8T3	8 AC Outlet, Single line phone with 1 in, 2 out	\$52.00
APC PTEL2	Multiple line phone with 1 in, 1 out	\$36.00

Wooden Trellises

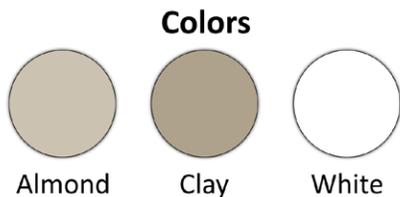
Clematis trainers made with 3/8" x 3/8" neatly stapled pressure treated wood. Can be used to support a variety of vines and climbing plants. We can also get other sizes and styles of wooden and wire plant supports. For details on other wooden sizes and styles visit www.woodtrellisdesigns.net



Item #	Description	1-5 Pk.	6+Pk
TRE24WT	24" Tapered Wood Trellis, 25/Pack	\$39.00	\$38.00
TRE30WT	30" Tapered Wood Trellis, 25/ Pack	\$46.00	\$45.00

Post Planters

The Post Planter is a heavy duty pot made from PVC, for many years of use. It is the perfect dress up for that bare corner on your deck railing, or to brighten up that boring picket fence in your front yard. The square bird bath adds flare. There are many possible combinations.



PVC fencing colors. White, unless specified otherwise. For almond add A to item number. For clay add C to item number. Example: PP 03C = Clay Pot

Item #	Description	Each	Cs of 15 pcs
PP 03	White Post Planter Pot	\$15.50	\$195.00 = \$13.00 each

Item #	Description	Each	Cs of 4 pcs
PP 04	White 4" Post Extension	\$16.50	\$60.00 = \$15.00 each
PP 05	White Bird Bath	\$15.00	\$54.00 = \$13.50 each
PP 06	White 30" Post Kit	\$47.50	\$188.00 = \$47.00 each

Fogit Greenhouse Sprayers

The Fogit Sprayer is an easy to use, low volume chemical applicator designed with smaller greenhouses in mind. It can easily apply a wide variety of chemical formulations using a highly concentrated spray solution. The nozzle generates micro-particles that fill the entire treatment area and ensure complete and even coverage of all plant surfaces. This method of applying chemical solutions eliminates costly run-off and reduces the amount of chemical needed. Air agitation-keeps chemicals in suspension.

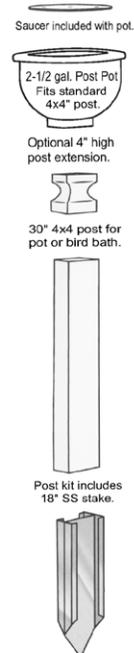
Standard treatment area: Up to 5,000 sq.ft. (7,000 sq ft with circulation fans). **Tank size:** Approx. 7 liters (7.4 quarts) **Compressor required:** 4 CFM at 25 PSI (9 CFM for dual head) **Now standard with stainless steel head(s) and larger tank.**



Item #	Description	Price
FGS01	Fogit Greenhouse Sprayer	\$462.00
FGS02	Fogit Greenhouse Sprayer, 2 nozzle	\$570.00
FGS110TE	110 VAC Electric Switch, Prewired Timer	\$99.00
FGS110TA	110 VAC Air Valve, Prewired Timer	\$225.00
FGS12TA	12 VDC Air Valve, Prewired Timer	\$225.00
FGS110C	110 volt Air Compressor W/Timer (For single nozzle Fogit only)	\$480.00

Plant Support Rings

Designed to clip to pot rims. **Call for prices.** Pieces per case vary from 500-3000 pcs. **Sizes available for injection molded pots:** 4, 4.5, 5, 6, 7, 8, 9, 12, and 14 inch diameter. **Sizes available for coex/thermoformed pots:** 6,7,8,9, and 10" diameter.



Your Sturdy Greenhouse, ready for Plants!



Green House / High Tunnel Sample Package Quotes

Prices are subject to change without notice. Year end discount does not apply to green house frames and high tunnel frames.

These heavy duty galvanized metal frames have 4' bow spacing and 4' straight sidewall and all hardware required to assemble structure. OPTIONS depending on configuration include two layers of plastic with inflation fan, metal frame endwall kit covered with plastic or polycarbonate, 36" or 48" entry doors, 6x8 or 8x8 sliding doors in both ends, rollup sides, some automation, lumber for baseboard and more. Many add-ons available. Call for customized quotes and more details!
Does not include site preparation, electrical wiring, propane hookup, water plumbing or anything else not quoted.

12x24

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C1224	12 x 24 4' Straight Side Gothic High Tunnel	347.00	347.00	
0.5	Roll	T4624	TIV624 24x100' 6 Mil Tufflite IV	216.00	108.00	
1	ea	SAD36	36"x 80" Poly Entry Door Rough Open 39 1/2"x80 1/2"	178.00	178.00	
48	ea	ER2492	Economy Rollup Sides 24'x92'	6.0833	292.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
8	ea	GFA10	WL12 12' Single WireLock Base	9.45	75.60	
25	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	25.00	
1	100/bag	GFA2121	09853 1" #12 SS Self Drilling TEKS	12.00	12.00	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
16	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	5.60	
48	Feet	GGPS191613	1.9" Square x 16' x 13 ga. Galvanized Tube	1.79	85.92	
4	ea	GFA22200	Wide Endwall Plate Bracket For Metal Or Wood	1.25	5.00	
4	ea	GPSS020	3 Hole 2" Alum. Square Tubing Strap	0.69	2.76	
12	ea	GGP162115	5055 1.66x15 Rnd x252" Punch	1.27	15.24	
2	ea	POLH	12' Single H Aluminum Extrusion	10.75	21.50	
Total:					\$ 1,253.62	

16 x 48

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C1648	16X48 4' Straight Side Gothic High Tunnel	1,127.00	1,127.00	
0.7	ea	T4628	TIV628 28x100' 6 Mil Tufflite IV	252.00	176.40	
96	Feet	ER96+	Economy Rollup Sides 96+	5.1146	491.00	
1	ea	SAD48	4'x8' Poly Entry Door Rough Open 51 1/2"x99 1/2"	196.00	196.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
10	ea	GFA10	WL12 12' Single WireLock Base	9.45	94.50	
50	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	50.00	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
1	100/bag	GFA2121	09853 1" #12 SS Self Drilling TEKS	12.00	12.00	
20	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	7.00	
64	Feet	GGPS191613	1.9" Square x 16' x 13 ga. Galvanized Tube	1.79	114.56	
4	ea	GFA22200	Wide Endwall Plate Bracket For Metal Or Wood	1.25	5.00	
4	ea	GPSS020	3 Hole 2" Alum. Square Tubing Strap	0.69	2.76	
12	ea	GGP162115	5055 1.66x15 Rnd x252" Punch	1.27	15.24	
2	ea	POLH	12' Single H Aluminum Extrusion	10.75	21.50	
Total:					\$ 2,392.96	

24x72

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C2472	24x72 4' Straight Side Gothic Grnhs	2,156.00	2,156.00	
1	ea	T4640	TIV640 40x100' 6 Mil Tufflite IV	360.00	360.00	
1	ea	SAD48	4'x8' Poly Entry Door Rough Open 51 1/2"x99 1/2"	196.00	196.00	
144	Feet	ER72+	Economy Rollup Sides 72+	4.9444	712.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
16	ea	GFA10	WL12 12' Single WireLock Base	9.45	151.20	
50	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	50.00	
1	100/bag	GFA2121	09853 1" #12 SS Self Drilling TEKS	12.00	12.00	
25	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	8.75	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
96	Feet	GGPS191613	1.9" Square x 16' x 13 ga. Galvanized Tube	1.79	171.84	
6	ea	GFA22200	Wide Endwall Plate Bracket For Metal Or Wood	1.25	7.50	
6	ea	GPSS020	3 Hole 2" Alum. Square Tubing Strap	0.69	4.14	
18	ea	GGP162115	5055 1.66x15 Rnd x252" Punch	1.27	22.86	
2	ea	POLH	12' Single H Aluminum Extrusion	10.75	21.50	
Total:					\$ 3,953.79	

30x72

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C3072	30x72 4' Straight Side Gothic High Tunnel	3,440.00	3,440.00	
2	ea	T4648	TIV648 48x100' 6 Mil Tufflite IV	432.00	864.00	
1	ea	GEA0600	3 Bolt Blower KIT 60 CFM w/Cord 115V	58.00	58.00	
1	ea	VBMBRKT-RND	3 bolt Mounting Kit	17.00	17.00	
144	Feet	ER72+	Economy Rollup Sides 72+	4.9444	712.00	
1	ea	SAD36	36"x 80" Poly Entry Door Rough Open 39 1/2"x80 1/2"	178.00	178.00	
1	ea	SAD88	Two (2) 8' X 8' Slide End Wall 30' W/Doors	1,400.00	1,400.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
100	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	100.00	
18	ea	GFA10	WL12 12' Single WireLock Base	9.45	170.10	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
1	100/bag	GFA2121	09853 1" #12 SS Self Drilling TEKS	12.00	12.00	
30	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	10.50	
Total:					\$ 7,041.60	

30x96

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C3096	30x96 4' Straight Side Gothic Grnhs	4,451.00	4,451.00	
2	ea	T4648	TIV648 48x100' 6 Mil Tufflite IV	432.00	864.00	
1	ea	T4614070	TIV614 14x70' 6 Mil Tufflite IV	88.20	88.20	
1	ea	GEA1480	4 Bolt Blower KIT 148 CFM w/cord 115V	72.00	72.00	
1	ea	GEA1481	VBMBRKT-SQ 4 bolt Mounting Kit	17.00	17.00	
192	Feet	ER96+	Economy Rollup Sides 96+	4.7292	908.00	
1	ea	SAD36	36"x 80" Poly Entry Door Rough Open 39 1/2"x80 1/2"	178.00	178.00	
1	ea	SAD88	Two (2) 8' X 8' Slide End Wall 30' W/Doors	1,400.00	1,400.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
100	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	100.00	
18	ea	GFA10	WL12 12' Single WireLock Base	9.45	170.10	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
1	100/bag	GFA2141	09856 1" #14 SS Self Drill TEK Screw	17.00	17.00	
30	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	10.50	
Total:					\$ 8,355.80	

30x148

Qty	Unit	Item #	Item Description	Rate	Amount	Tax
1	ea	C30148	30x148 4' Straight Side Gothic Grnhs	6,810.00	6,810.00	
2	ea	T4648150	TIV6481 48x150' 6 Mil Tufflite IV	648.00	1,296.00	
1	ea	T4614070	TIV614 14x70' 6 Mil Tufflite IV	88.20	88.20	
1	ea	GEA1480	4 Bolt Blower KIT 148 CFM w/cord 115V	72.00	72.00	
1	ea	GEA1481	VBMBRKT-SQ 4 bolt Mounting Kit	17.00	17.00	
296	Feet	ER96+	Economy Rollup Sides 96+	4.6115	1,365.00	
1	ea	SAD36	36"x 80" Poly Entry Door Rough Open 39 1/2"x80 1/2"	178.00	178.00	
1	ea	SAD88	Two (2) 8' X 8' Slide End Wall 30' W/Doors	1,400.00	1,400.00	
2	ea	GFA5HC5	Hand Crank & Swivel lock fit 1-3/8" Pre-assembled w/5' pipe	30.00	60.00	
100	ea	GFA104	ZZW4x50 4' ZigZag Wire	1.00	100.00	
18	ea	GFA10	WL12 12' Single WireLock Base	9.45	170.10	
1	ea	SS5092	#9 x2" SS Deck Screw Star Dr 124/ct	20.00	20.00	
1	100/bag	GFA2141	09856 1" #14 SS Self Drill TEK Screw	17.00	17.00	
30	ea	GFA25255S	Stainless Steel Self Tap Screw 2-1/2"	0.35	10.50	
Total:					\$ 11,603.80	

These quotes are samples of what we do. There are a lot of options that you can do or change. Gothic frame widths available are 12', 16', 20', 24', 30', 34', and 36'. Quonset frames are available 8', 12', 16', 20', 24', and 30'. Length on every frame or style is available in 4' increments - some standard lengths are (but not limited to) 12', 24', 36', 48', 60', 72', 96', 112', and 148'. 20' and wider come standard with trusses every 8 feet. Allow 2-3 weeks for us to get any size or length.

These sample quotes are for example only! Call for current pricing.

Galvanized Purlins/Pipe

Item #	Description	Price	10+
GGP101018	.995" X 10' +3" Curtain Conduit 18 ga. Also hanging baskets.	\$9.50	\$9.00
GGP131217	1.315" x 12' +3" Purlin, 17 ga. Roll-up pipe, Regular Purlins	\$12.65	\$12.00
GGP131214	1.315" x 12' +3" Purlin, 14 ga. for Heavy Duty Purlins or Heavy Duty Roll-Up	\$19.00	\$18.50
GGP131617	1.315" x 16' + 3" Purlin 17 ga. Rollup pipe, Regular Purlins	\$16.50	\$15.50

Item #	Description	Per ft.	21' pc
GGP162115	1.66 X 21' Pipe + 3" swage, 15 gauge, For ground stakes or Heavy Duty Purlin	\$1.35	\$28.98
GGP192413	1.9" x 24' Pipe, 13 gauge, For ground stakes	\$2.07	\$50.40

Item #	Description	Price
GGPS19	1.9" 16 Guage Galvanized Square Tubing 16'	\$31.84
GGPS15	1.5" 16 Guage Galvanized Square Tubing 24'	\$36.48

Individual Frame Components and Etc.

Item #	Description	Price
C12B	12' wide, 1 piece bow, 1.315" 16 ga	\$43.00
C16B	16' wide, 1 piece bow, 1.315" 14 ga	\$62.00
C20B	20' wide, 1 piece bow, 1.315" 14 ga	\$72.00
C20P	72" Ground Stake, 1.66" 15 ga	\$8.25
C20P8	96" Ground Stake, 1.66" 15 ga	\$11.40
C21P	72" Ground Stake, 1.9" 13 ga	\$16.60
C21P8	96" Ground Stake, 1.9" 13 ga	\$16.80
GFR0	Ground Stake Driving Head, for 1.66"	\$11.00
GFR01	Large Ground Stake Driving Head, for 1.9"	\$15.00
SA24	24" Wind Brace (Corner Brace or Truss Brace)	\$1.74
SA48	48" Wind Brace (Corner Brace or Truss Brace)	\$3.48
SA60	60" Wind Brace (Corner Brace or Truss Brace)	\$4.35
SA72	72" Wind Brace (Corner Brace or Truss Brace)	\$5.22
GFA2525	1/4" x 2-1/2" Self Tapping Base Board Screws	\$0.20
GFA2525SS	1/4" x 2-1/2" Stainless Steel Self Tapping BBS	\$0.35

Rack & Pinion Roof Vent



A roof vent is the most efficient natural ventilation when combined with roll up sides. Recommended to use with automated controller and low voltage motors. But also available with chain wheel for manual operation. Can be added to any of our 20', 24', 30', 34', and 36' structures.

Item #	Description	Price per Foot
ERR20	Rack and Pinion for 4' bow spacing	\$30.00

Item #	Description	Price
LVM150	Low volt Rack and Pinion Motor Use with controllers on page 37	\$473.00
ERR08	Manual Chain Wheel for Rack and Pinion	\$422.00



Sliding Door Endwalls

These endwall kits for two ends include 8'x8' sliding doors with rollers and track, square tubing, and all the hardware to assemble. It does not include plastic, or wood. A 36" door is usually put in one end, but can be put in both ends (at least 1 is needed for entry).

Item #	Description	Price
SAD88	8x8 sliding endwall for 30' frame	\$1510.00
SAD86	6x8 sliding endwall for 20' and 24' frames	\$1510.00

Individual Components. (Swinging entry doors include latches and hinges)

SAD36	36" swinging entry door 39" x 80-1/2"	\$195.00
SAD361	36" entry door to make a double 36" (6') door pull chain latch. <i>Order 1 SAD36 and 1 SAD361</i>	\$195.00
SAD48	48" swinging entry door 51-1/2" x 99-1/2"	\$205.00
SAD481	48" entry door to make a double 48" (8') door pull chain latch <i>Order 1 SAD48 and 1 SAD481</i>	\$205.00
SAD880	8'x8' Sliding Door NO TRACK OR HARDWARE	\$275.00
SAD680	6'x8' Sliding Door NO TRACK OR HARDWARE	\$225.00
SAD12	12' Track for 6x8 sliding doors	\$94.50
SAD16	16' Track for 8x8 sliding doors	\$125.00
SAD52	2 Track Rollers for Sliding Doors (For 1 Door)	\$12.50



Polycarbonate Hobby Houses

Includes shutter fan, intake shutter, table along one side, and one door. Prices are plus freight charge.

Item #	Description	Price
WHH0812	8' x 12' (Fully Assembled)	\$3160.00
WHH0818	8' x 18' (Fully Assembled)	\$3900.00
BTHH1018	10' x 18' (Un-assembled Bolt Together)	\$ASK
BTHH1024	10' x 24' (Un-assembled Bolt Together)	\$ASK
BTHH1224	12' x 24' (Un-assembled Bolt Together)	\$ASK

Black Micro-Embossed Plastic Mulch

Superior stretchability and hugs tight to the bed. The least expansion in the sun. Recommended for raised beds in sandy soils or windy areas.



Item #	Description	Mil	1-19	16+
BEM44	4' X 4000'	1	\$122.00	\$119.00
BEM54	5' X 4000'	1	\$152.50	\$149.00
BEM44125	4' X 4000'	1.25	\$152.50	\$149.00

Super Strength Embossed Mulch

This is a reinforced and highly durable embossed mulch which blocks weeds and prevents soil from coming in direct contact with fruit and fresh vegetables. It is tough, to resist tearing, and can be laid at higher speeds. UV stabilized, designed to last the duration of your growing season. Stretches very well and hugs tight to the bed. Works with practically all crop varieties. 1 mil is equal in strength to most 1.1 mil formulas. 1.25 and 1.5 mil is for multiple seasons for strawberries etc.



Item #	Description	Mil	1-19	20+
BE 33	3' x 3000' Black	1	\$68.00	\$66.00
BE 34	3' x 4000' Black	1	\$90.00	\$88.00
BE 424	4' x 2400' Black	1	\$72.50	\$70.50
BE 42415	4' x 2400' Black	1.5	\$108.00	\$105.00
BE 44	4' x 4000' Black	1	\$116.00	\$113.00
BE 44125	4' x 4000' Black	1.25	\$145.00	\$141.00
BE 544	54" x 4000' Black	1	\$134.50	\$131.00
BE 524	5' x 2400' Black	1	\$90.50	\$88.00
BE 54	5' x 4000' Black	1	\$145.00	\$141.00
BE 524125	5' x 2400' Black	1.25	\$112.50	\$109.50
BE 624	6' x 2400' Black	1	\$108.50	\$105.50

Clear Embossed, Super Strength Plastic Mulch

1 Mil is equal in strength to most 1.1 mil formulas. 0.8 mil is recommended to cover sweet corn. Make sure that drip tape is buried in soil, especially under clear plastic. Water droplets can magnify the and burn holes in the drip tape.

Item #	Description	Mil	1-19	20+
CE 34	3' X 4000' Clear	1	\$95.00	\$93.00
CE 44	4' x 4000' Clear	1	\$126.00	\$123.00
CE 844	4' x 4000' Clear	.8	\$101.00	Limited
CE 854	5' x 4000' Clear	.8	\$126.00	\$123.00
CE 54	5' x 4000' Clear	1	\$157.00	\$153.00
CE 62	6' x 2000' Clear	1	\$96.50	\$94.00

Micro Embossed Black on White

An ultra reflective top white layer actually decreases the soil temperature to promote growth for heat sensitive crops or warm climates, and provides additional light reflection to the underside of foliage. The black (bottom) layer prevents weed growth.



Item #	Description	Mil	1-19	20+
WB 34	3' x 4000'	1	\$119.00	\$116.00
WB 424	4' x 2400'	1.25	\$119.00	\$116.00
WB 44	4' x 4000'	1	\$156.00	\$152.00
WB 54	5' x 4000'	1	\$195.00	\$190.00

Embossed Green

The green plastic mulch gives you the heat of clear plastic, but reduces weed growth. No fumigation needed. It combines the advantages of clear and black. Ideal for early season crops.

Item #	Description	Mil	1-19	20+
GE 34	3' x 4000'	1	\$120.00	\$117.00
GE 44	4' x 4000'	1	\$158.00	\$154.00
GE 424125	4' x 2400'	1.25	\$120.00	\$117.00
GE 54	5' x 4000'	1	\$198.00	\$193.00

Micro Embossed Red

Has shown increased yields in tomatoes. Also warms the soil faster than black.

Item #	Description	Mil	Price
SRM424125	4' x 2400'	1.25	\$141.00

Metalized Aluminum on Black

Reflective metalized color on top deters insects and decreases the soil temperature, more than white on black. The black (bottom) layer stops weed growth. The heat trap is an 8-inch wide black strip in the center of the plastic, which keeps heat reduction to a minimum.



Item #	Description	Mil	1-19	20+
SB 424	4' x 2400' With Heat Trap	1.25	\$160.00	\$156.00
SB 44	4' x 4000' No Heat Trap	1	\$201.00	\$196.00
SB 54	5' x 4000' No Heat Trap	1	\$258.00	\$252.00

Aqua-Traxx® AZUL™ Drip Tape



Greater filtration area with patent-pending Multi-Stage filters. Optimized flow passages further resist clogging. Toro Aqua-Traxx® Azul™ drip tape offers an innovative emitter design that protects the labyrinth from debris and maximizes clog resistance and performance. Now you can get the same great quality and performance you expect from Aqua-Traxx with even more clog resistance and less worry.

Item #	Mil	Length	Spacing	Flow/100'	1-9	10+
AQ 15	15	4000'	12"	.45 GPM	\$172.00	\$166.00
AQ 10	10	6000'	12"	.45 GPM	\$168.00	\$163.00
AQ 08	8	7500'	12"	.45 GPM	\$166.00	\$161.00
AQ 06	6	10,000'	12"	.45 GPM	\$188.00	\$183.00
AQ 101	10	6000'	12"	.34 GPM	\$168.00	\$163.00
AQ 081	8	7500'	12"	.34 GPM	\$166.00	\$161.00
AQ 081222	8	7500'	12"	.22 GPM	\$166.00	\$161.00
AQ 061222	6	10,000'	12"	.22 GPM	\$188.00	\$183.00
AQ 083	8	7500'	8"	.50 GPM	\$166.00	\$161.00
AQ 080667	8	7500'	6"	.67 GPM	\$166.00	\$161.00
AQ 0804134	8	7500'	4"	1.34 GPM	\$166.00	\$161.00
AQ 082	8	7500'	16"	.25 GPM	\$168.00	\$163.00
AQ 102428	10	6,000'	24"	.28 GPM	\$172.00	\$166.00



Netafim Drip Tape

STREAMLINE™ X 630 Series: Industry's highest quality and most durable drip line! External ribs protect from installation damage with maximum abrasion resistance. Injection molded dripper, with a low filtration requirement of 120 mesh, is made of high quality polyethylene material welded into a wall of seamless tubing. Flap outlet protection to deter soil ingestion and root intrusion.



Item #	Mil	Length	Spacing	Flow/100'	1-9	10+
NDT08	8	9000'	12"	.40 GPM	\$201.00	\$195.00
NDT08141	8	9000'	14"	.51 GPM	\$197.00	\$191.00
NDT1014	10	7500'	14"	.34 GPM	\$184.00	\$178.00

Chapin™ Deluxe Drip Tape

Exclusive continuous filtration channel keeps the debris away from the flow path and allows it to purge by flushing, ensuring high performance and extends the life of the tape. Turbulent flow path design provides larger internal dimensions offering higher resistance to clogging. Exclusive continuous inlet filter (10,000 filters per 100 feet) channel offers extremely high resistance to clogging. Multiple inlet orifices ensure continuous water flow to each dripper. Slit design outlet will help prevent root intrusion and soil ingestion. Stocked in 5/8" diameter. Engineered extruded high quality polyethylene film ensures round sides providing higher resistance to insect bites and field abrasion. Longer flow path ensures true drip flow -no squirts. Reinforced packaging to ensure smooth handling in the field and during transportation.



Item #	Mil	Length	Spacing	Flow/100'	Price
CH 1064	10	6000'	4"	1.0	\$184.00
CH 103	10	3000'	12"	0.45	\$103.00
CH 103041	10	3000'	4"	1.0	\$106.00
CH 101041	10	1000'	4"	1.0	\$59.00
CH 101	10	1000'	12"	0.45	\$55.00

Toro® Flow Control Drip Tape

Tired of getting too much water in low spots? Toro Aqua-Traxx® Flow Control (FC) gives you uniform output regardless of pressure changes caused by hilly terrain and long runs. Control how much water your plants receive by increasing or decreasing the operating pressure, 10-25 PSI. For uniform output you need 8-10 psi at the highest point of the field. Multiple laser slit outlet reduces startup clogging & impedes root intrusion. 150 Mesh filtration required.



Item #	Mil	Length	Spacing	Flow/100'	1-9	10+
APC08	8	7500'	12"	.45	\$198.00	\$192.00
APC10	10	6000'	12"	.45	\$200.00	\$194.00
APC081	8	7500'	12"	.34	\$198.00	\$192.00
APC101	10	6000'	12"	.34	\$200.00	\$194.00
APC081222	8	7500'	12"	.22	\$198.00	\$192.00
APC10222	10	6000'	12"	.22	\$200.00	\$194.00
APC080667	8	7500'	6"	.67	\$198.00	\$192.00

Choosing a Tape Flow Rate

Main thing to consider: row length. Also consider type of crop, zone/field size, available water, supply line size.
 4" 1.0: for greenhouses, germinating beds, for row crops in sandy soils, up to 300' level rows.
 8" .50: for row crops in lighter soil, up to 500' level row
 12" .45: standard for row crops, up to 600' level rows
 12" .34 for row crops, larger zones, to 800' level rows.
 16" .25: for row crops, larger zones, to 1000' level rows.
 Downhill sloping fields allow longer lengths.

Choosing a tape thickness

6 Mil. Short Season/Use on trial basis to see if it works
 8 Mil. Standard/full season/under plastic or along rows
 10 Mil: Overwinter / rocky soil/ more insect resistance
 15 Mil: Multi-season for small fruits, etc. overwintering

Quality Blue Lay Flat



General Purpose Water Discharge Hose Blue Layflat is a lightweight, tough and economical water discharge hose great for main supply lines. It is very popular because of its long length. It will not rot or mildew and coils for easy storage.

Item #	Roll Size	Max Psi	Ships Via	Price	3+
LAY010	1" x 300'	85	UPS	\$153.00	\$150.00
LAY015	1-1/2" x 300'	80	UPS	\$118.00	\$114.50
LAY020	2" x 300'	80	UPS	\$132.00	\$128.00
LAY030	3" x 300'	70	UPS	\$272.00	\$264.00
LAY040	4" x 300'	70	TRUCK	\$390.00	\$380.00
LAY060	6" Green Lay Flat	50		\$2.40/Ft.	

Iron Sides Red Layflat



Heavy Duty Water Discharge Hose Ironsides has a high working pressure and features long length. Suitable for high pressure irrigating. It resists kinking and twisting & may be coiled or racked when wet.

Item #	Roll Size	Max Psi	Ship Weight	Ships Via	Price
IRL015	1-1/2" X 300'	150	72 Lb.	UPS	\$300.00
IRL020	2" X 300'	150	96 Lb.	UPS	\$390.00
IRL030	3" X 300'	150	156 Lb.	Truck	\$610.00
IRL040	4" X 300'	125	228 Lb.	Truck	\$935.00

TigerFlex Heavy Duty Suction Hose

Heavy Duty. We will cut to any length. TigerFlex suction Hose is a flexible high quality suction hose. Discount on 100' Rolls.



Item #	Size	Price/Ft	Item#	Size	Price/Ft.
TIG007	3/4"	\$1.50	TIG020	2"	\$3.50
TIG010	1"	\$1.65	TIG030	3"	\$7.20
TIG012	1-1/4"	\$1.85	TIG040	4"	\$11.30
TIG015	1-1/2"	\$2.60			



100% Biodegradable Mulch Film

100% Biodegradable and compostable mulch film.

Made of Mater-Bi, a starch based material. Novamont produces Mater-Bi with renewable resources such as starches from different non-GMO crops: corn and other cereals, potatoes and vegetable oils. Mater-Bi complies with international biodegradation and environmental standards, such as EN 13432 by Vincotte and ASTM D6400 by BPI, which guarantee complete degradation in soil without any toxic residues. **Not OMRI listed.** Degradation rate depends on film thickness, climate, and soil type. Starts breaking approximately **4-5 months on .6 mil, and 5-6 months on .8 mil.** The manufacturer does not guarantee the film's life span due to different conditions such as non-compliance with laying and usage conditions, climatic conditions etc. Lay relatively loose, and after a few hours or by the next day the mulch tightens and clings to the soil bed.

Item #	Description	Mil	1-19	20+
BTB634	3' X 4000'	.6 Black	\$158.50	\$154.00
BTB6424	4' X 2400'	.6 Black	\$129.00	\$125.00
BTB644	4' X 4000'	.6 Black	\$205.00	\$199.00
BTB654	5' X 4000'	.6 Black	\$257.50	\$250.00
BTB844	4' X 4000'	.8 Black	\$270.00	\$262.00

White on Black & Grey on Black Bio 360, decreases the soil temperature to promote growth for heat sensitive crops or warm climates.

Item #	Description	Mil	1-19	20+
BTW644	4' x 4000'	.6 White/Black	\$353.00	\$345.00
BTG644	4' x 4000'	.6 Grey Black	\$251.50	\$245.00
BTW654	5' x 4000'	.6 White/Black	\$415.00	\$415.00

Eco-One Oxo-degradable Mulch Film

Environmentally sound degradation. Laboratory studies indicate that this degradable plastic breaks down into CO₂, H₂O, and biomass without toxic residues. Degrades fully both above and below soil. Avoid excessive tension when laying, and plant immediately after laying. **Liability from the manufacturer is limited to product defects to the extent of the value of the film. Breakdown period WILL vary depending on the conditions.** May start degrading in 3-4 months on .5 mil, and 4-5 months on .6 mil. This film will break down faster in direct sunlight. **We only recommend this film for crops where the foliage is casting shade over the film, such as vine crops.**



Standard Lifespan Film				
Item #	Size	Mil	Price	10+
E1B548	4' x 8000'	.5 Black	\$320.00	\$312.00

Extended lifespan film				
Item #	Size	Mil	Price	10+
E1B648L	4' x 8000'	.6 Black	\$369.00	\$360.00

Clear Eco-One For Sweet Corn

If you grow sweet corn under plastic, here's an option you don't want to miss. About 30-40 days after planting, or when the corn is 4-6 inches high, the plastic should start breaking up. You may have to slit it, depending on the weather. The advantage is that if the corn gets too high, you slit it and let it lay. At that point it keeps on putting heat in the soil. **Results may vary. No guarantee on breakup time.**

Item #	Size	Mil	Price	10+
E1C449	4' x 9000'	.4 Clear	\$256.50	\$250.00
E1C4549	54" x 9000'	.4 Clear	\$284.00	\$277.00
E1C459	5' x 9000'	.4 Clear	\$305.00	\$297.00

FilmOrganic Compostable Plastic Much.

FILMORGANIC
We Deliver on Performance and Precision



This is a new tested and proven unique extra special blend. It will not split length wise as readily as other biodegradable plastics. Biodegradables readily once disked in after harvest. This product does not use chemicals to make it break down and therefore does not poison your soil. It also does not leave micro-particles of plastic in your soil. Has all natural input materials and is not petroleum based. Heavy Metal and Polyethelene free. Please understand as with all bio-degradable films weather conditions or events can change results. Instruction papers on every roll for your convenience.

Item #	Description	Price	10+
FO 44	4' x 4000' Black. 4 month life span and max 2 week seeding/transplant window	\$200.00	\$195.00
FO 447	4' x 4000' Black. 7 month life span and max 4 week seeding/transplant window.	\$255.00	



Blue Stripe® Oval Hose

Oval hose Poly Tubing Low Pressure Hose is lightweight and economical. For smaller sizes use Orchard Tubing. Designed to be used for headlines and laterals on drip irrigation and micro-sprinkler systems. Use with insert fittings and clamps. Drip tape fittings are easy to install in Oval Hose headers. Durable - drive over it without damaging it. Manufactured from the highest quality resins.



Item #	Roll Size	Max PSI	Price
FPT106	1" x 660'	42	\$132.00
FPT1515	1-1/2" x 150'	21	\$51.00
FPT156	1-1/2" x 600'	21	\$150.00
FPT2015	2" x 150'	21	\$62.00
FPT2045	2" x 450'	21	\$159.00
FPT302	3" x 200'	21	\$175.00

For punches for Blue Stripe Hose/Tubing see pages 105 and 106.

Blue Stripe® Orchard Tubing

This lightweight polyethylene tubing is puncturable and is often used for lateral distribution and supply hose for on-line drippers and can be used as a headline for small drip tape systems.



Item #	Roll Size	Max PSI	Price
BPT0051	1/2" X 100'	68	\$17.00
BPT0055	1/2" X 500'	68	\$45.00
BPT0059	1/2" X 1000'	68	\$86.00
DRP16	Plastic Stake to secure 1/2" Drip Line		\$0.22 ea
BPT0071	3/4" x 100'	54	\$22.00
BPT0075	3/4" x 500'	54	\$64.00
BPT0079	3/4" x 1000'	54	\$123.00
BPT0101	1" x 100'	53	\$31.00
BPT0102	1" x 250'	53	\$64.00
BPT0106	1" x 660'	63	\$126.95

For fittings see page 105

Black Poly Pipe

Use for well pipe or buried underground and etc. Other sizes available in 3-6 weeks. Call for prices.



Item #	100 PSI	NSF 200 PSI	Roll Lengths
BPP07 3/4"	\$0.28/FT	\$0.48/FT	100, 400
BPP10 1"	\$0.35/FT	\$0.70/FT	100, 300
BPP12 1-1/4"	\$0.59/FT	\$1.03/FT	100, 300
BPP20 2"80 PSI	\$1.23/FT	\$2.85/FT	100, 200

Schedule 40 PVC Pipe, White



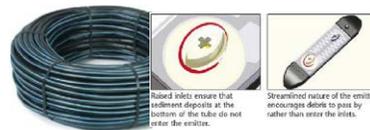
Item#	Size	Price/Ft	Item#	Size	Price/Ft
S40005	1/2"	\$0.58	S40020	2"	\$1.15
S40007	3/4"	\$0.60	S40030	3"	\$3.00
S40010	1'	\$0.75	S40040	4"	\$4.00
S40015	1-1/2"	\$1.10	S40060	6"	\$7.50
S40015	1-1/2"	Drain, vent and waste. No bell end.			\$1.00
S40020	2"	Drain, vent and waste. No bell end			\$2.20

PVC Pipe Schedule 80, Gray

Sunlight resistance for longer life for outdoor or greenhouse applications. Darker and heavy wall keeps algae from growing inside pipe. 10' with bell end.

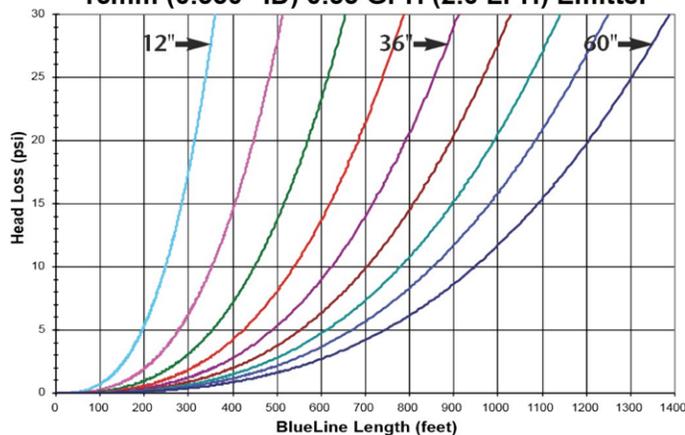
Item#	Size	Price/Ft	Item#	Size	Price/Ft
S80005G	1/2"	\$1.06/FT	S80007G	3/4"	\$1.44/FT
S80010G	1"	\$1.78/FT	S80015G	1-1/2"	\$3.22/FT

Blue Line PC Pressure Compensating Dripline



Orchard Tubing with the Built-In Emitters. Features a unique, built-in flow regulated emitter, providing a constant discharge over a pressure range of 15-60 PSI. The emitter is inseparably welded to the inside wall of the tubing as it is extruded in the manufacturing process. Emitters are factory installed at pre-determined intervals. This one-piece construction prevents damage and loss of drippers, eliminates hole punching and handling damage, reduces installation costs. Drip In PC™ may be hung on a wire, laid on the surface or buried. Typically used in orchards, vineyards, over top of containers/mum pots, nurseries, or buried in fields for subsurface applications. Stock. Flow is .53 GPH at emitter.

Head Loss v. Length with 0% Slope.
16mm (0.550" ID) 0.53 GPH (2.0 LPH) Emitter



Item #	Wall Thickness	Size	Emitter Spacing	Price
DRP1812	18 MM	1/2" x 1000'	12"	\$150.00
DRP1818	18 MM	1/2" x 1000'	18"	\$145.00
DRP1824	18 MM	1/2" x 1000'	24"	\$135.00
DRP1830	18 MM	1/2" x 1000'	30"	\$133.00
DRP1836	18 MM	1/2" x 1000'	36"	\$130.00
DRP16	Plastic Stake to secure above drip line.			\$0.22 ea

White Tubing

White exterior reflects the sun and keeps the water cooler.

Item#	Roll Size	Max PSI	Price
WPT0055	1/2" x 500'	68	\$65.00
WPT00551	1/2" x 1000'	68	\$120.00
WPT0075	3/4" x 500'	54	\$88.00

Clear Vinyl Tubing

Can be used for replacement suction hose on injectors.

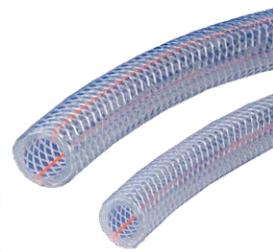
*15% Discount on 100' rolls.

Item #	Size	Max PSI	Price Per Ft.
CVT002	1/4"	55	\$0.21
CVT003	3/8"	45	\$0.28
CVT005	1/2"	30	\$0.62
CVT010	1"	25	\$1.04

Clear Braided Hose

*15% Discount on 100' rolls.

Item #	Size	Max PSI	Price Per Ft.
CBH005	1/2"	200	\$1.00
CBH006	5/8"	200	\$1.35
CBH007	3/4"	150	\$1.55
CBH010	1"	125	\$2.30



Miller Chemical & Fertilizer, LLC

Miller's soluble fertilizers are produced with high quality raw materials, formulated for optimum plant utilization. Products can be used for foliar feeding or in your drip system. Ask for specific recommendations.

Sol-U-Gro® Starter 12-48-8

Generally used as a plant starter and blossom booster on vegetable crops. Often times applied at the rate of 3-10 lbs./acre or as a transplant solution at the rate of 5-6 lbs./100 gallons of water. Specific label on bag.



Item #	Description	1-9	10+
MIL12488	Sol-U-Gro® 12-48-8, 25 Lb. Bag	\$45.50	\$44.00

Nutri-Leaf® 20-20-20

Used on vegetable crops in the growing stage. Often times applied at the rate of 5-10 lbs. per acre on a 7-10 day schedule. Specific label on bag.



Item #	Description	1-9	10+
MIL320	Nutri-Leaf® 20-20-20, 25 Lb. Bag	\$40.50	\$39.00

Nutrient Express® 18-18-18

Similar to 20-20-20 but with additional nutrients and vitamins. Apply at the rate of 5-10 lbs. per acre on a 7-10 day schedule.



Item #	Description	1-9	10+
MIL318	Nutrient Express® 18-18-18, 25 Lb. Bag	\$93.50	\$91.00

Nutri-Chem® Finisher 9-15-30

Generally used on vegetables crops in the ripening stage. Normally applied at a rate of 5-10 lbs per acre on a 7-10 day schedule. Specific label on bag. 5.4% Sulfur.



Item #	Description	1-9	10+
MIL91530	Nutri-Chem® 9-15-30, 25 Lb. Bag	\$46.50	\$45.00

Crop-Finisher® 4-2-41 + 2% Magnesium

Generally used on fruit and vegetables crops in the ripening stage to increase sugar content & fruit size. Label on bag. 11.8% Sulfur.



Item #	Description	1-9	10+
MIL4241	Crop Finisher® 4-2-41, 25 Lb. Bag	\$43.50	\$42.00

Sugar Express® 4-10-40

Generally used on fruit and vegetables crops in the ripening stage to increase sugar content & fruit size. Similar to above except with additional vitamin package. Label on bag. 7.4% Sulfur.



Item #	Description	1-9	10+
MIL41040	Sugar Express® 4-10-40, 25 Lb. Bag	\$95.00	\$93.00

Sol-U-K® Max 6-0-44

Generally used on fruit and vegetables crops in the ripening stage to push fruit size. Apply 5-10 lbs per acre. 9.3% Sulfur.



Item #	Description	1-9	10+
MIL6044	Sul-U-K® Max 6-0-44, 25 Lb. Bag	\$56.00	\$54.00

20-5-5 (17.4% Sulfur)

Generally used on crops that prefer low PH, or in high alkaline soils. Potential acidity is 3-4 times higher than most fertilizers.



Specific label on bag.

Item #	Description	1-9	10+
MIL2055	20-5-5 High Sulfur, 25 Lb. Bag	\$41.50	\$41.00

Nu Film® 17 (Extender, Sticker, Spreader)

Superior sticking-extending agent designed to extend the residue of pesticides. Extends harvest/re-entry time. It is compatible with many commercially used pesticides.



Item #	Description	1-3	4+
MIL17	Nu Film® 17, 1 Gallon Jug	\$54.50	\$53.00

Nu Film® P (Sticker, Spreader)

A superior sticking-spreader that increases the effectiveness of insecticides, fungicides and herbicides. It is compatible with many commercially used pesticides.



Item #	Description	1-3	4+
MILP	Nu Film® P, 1 Gallon Jug	\$52.00	\$50.50

Vapor Gard® (Anti-transpirant)

Protects transplants by acting as anti-transpirant. Helps guard against frost damage and helps prevent transplant shock. Spray plants prior to planting. Use 1 cup per 3 gallons of water.



Item #	Description	1-3	4+
MILVG	Vapor Gard®, 1 Gallon Jug	\$59.00	\$57.50

Iron DP Chelate, 10%

A source of iron that is readily available to plants in soils where pH is 6.0 to 7.5 Specific label on bag.



Item #	Description	1-9	10+
MIL93	Iron Chelate 10%, 5 Lb. Bag	\$59.00	\$57.50

Calcium Chelate, 9.5%

For crops which are known to be susceptible to calcium deficiencies such as tomatoes, peppers etc. It is compatible and can be mixed with Phosphorus fertilizer through drip irrigation. Apply at the rate of ½ to 1 lb weekly.



Item #	Description	1-9	10+
MIL95	Calcium Chelate 9.5%, 5 Lb. Bag	\$38.50	\$37.00

Full Measure CAL™ (Calcium)

Liquid calcium acetate & carbonate plus humate, that provides a high calcium load 30% by weight. Can be applied to the soil, through drip irrigation or foliar. Label on jug.



Item #	Description	Each	Case/2
MILFMC	Full Measure Calcium™, 2.5 Gal. Jug	\$49.50	\$96.00

Miller Water Soluble

Often used in greenhouses. Specific label on bag. Suggested rate: Applied with Hozon use 4 oz/gal. or 10 Tbsp/gal. of water. For direct spray use 1/3 oz/gal. or 2 Tsp/gal. of water. Caution: to avoid burning plants water plants immediately after applying.



Item #	Description	Price	10+
MIL201020	20-10-20, 25 lb Bag	\$56.50	\$55.00
MIL325	Nutri-Leaf 20-20-20 Greenhouse Grade, 25 lb bag	\$47.20	\$46.00

Greenstim® 2-8-14 (Disease suppressant)

Has plant betaines to promote vigorous root and plant growth during periods of environmental stress. Improves drought resistance. Used to suppress downy & powdery mildew in vine crops and bacterial spot in peppers. Label on jug.



Item #	Description	Each	Case/2
MIL250	Greenstim® 2-8-14, 2.5 Gal. Jug	\$177.00	\$347.00

Cell Force® Max (Calcium & Boron)

3 or 6% nitrogen, 10% calcium & boron mixture. Apply at 1-2 pints per acre (on most crops) as foliar spray or thru drip irrigation. Results in better yields of firm fruit and less plant



Item #	Description	Each	Case/2
MILCF	Cell Force® 3% N, 2.5 Gal. Jug	\$91.00	\$176.00

Cytokin® (Blossom Promoter)

Plant growth regulator used to promote buds and improve nutrient utilization. Use 8 oz. per acre for most crops. Label on jug.



Item #	Description	1-3	4+
MIL97	Cytokin®, 1 Gallon Jug	\$118.00	\$115.00

Cytoplex® HMS (Plant Hormone)

Plant hormone supplement that initiates rooting. Use 2-4 oz. per acre for most crops. Specific label on container.



Item #	Description	1-3	4+
MIL99	Cytoplex® HMS, 1 Gallon Jug	\$123.00	\$120.00

Mag-Si Chelated Magnesium

A source of magnesium and silicon. No salts unlike Epsom salt. Apply at the rate of ½ to 1 lb weekly. Specific label on bag.

Item #	Description	1-9	10+
MIL94	Mag-Si, 5 Lb. Bag	\$56.50	\$55.00

Spray-Aide® (Compatibility Agent, Acidifier)

An acidifying surfactant designed to improve tank compatibility and lower pH. Use at 4-10 oz. per 100 gallons. Label on jug



Item #	Description	1-3	4+
MILSA	Spray-Aide®, 1 Gallon Jug	\$51.00	\$49.50

Sustain® (Deposition Adjuvant)

A deposition adjuvant to be used with soil applied herbicides to retard volatilization and leaching. Specific label on container.



Item #	Description	Each	Case/2
MILSS	Sustain®, 2.5 Gallon Jug	\$124.00	\$242.00

Borreplex OA (Organic Acid)

An organic acid that adds Carbon to the soil to stimulate mycorrhizae growth around plant roots, lowers pH in irrigation water and maximizes nutrients available. Can also be used to clean drip and irrigation systems.



Item #	Description	Price
MILB5	Borreplex OA, 5 Gallon Jug	\$97.00

Reflections™ (Calcium & heat stress reduction)

Liquid calcium acetate & carbonate, that provides a high calcium load 30% by weight. Applying via foliar, prior to high heat conditions will help to regulate plant temperatures and ultra violet radiation from the sun. May be used on black plastic mulch to reduce soil temperatures. Label on jug.



Item #	Description	Each	Case/2
MILRF	Reflections™, 2.5 Gal. Jug	\$49.50	\$96.00

Miller Hot Sauce®

Is an EPA registered animal repellent formulated as a 2.5% Capsaicin extract concentrate. Repels deer, elk, rabbits, voles, squirrels and other animals. Use with Nu-Film 17 or Vapor Gard.



Item #	Description	Price	6+
MILHS	Miller Hot Sauce®, 1 Gallon Jug	\$250.00	\$240.00

Other Miller's Fertilizers

MIL16413	16-4-13 Miller's Supreme, 25 lb	\$80.00
MIL253	Millerplex 3-3-3, 1 Gal	\$61.50
MIL815	Lime Sulfur, 5 gallon	\$94.00
MIL82	Sulforix, 2-1/2 gallon	\$63.31
MIL98	Microplex, 5 lb Bag	\$47.50
MILFF	Foam Fighter, 1 Quart	\$13.00
MILZMC	ZMC Express, 5 lb Bag	\$46.00



Miller Chemical Sales Rep:

Missouri, Illinois, Southern Indiana, Kentucky, Arkansas, Kansas
Kate Wray 816 719-0376 katelynwray@millerchemical.com

Other Brands of Fertilizers



NUTRI-CAL
The Calcium Solution

Nutri-Cal 6-0-0 + 8% Ca

An organically complexed calcium. 8% calcium, 6% Nitrogen and 5.4% acids from plant extracts. Improves fruit firmness and storage life and increases the metabolism of the plant. Prevent or control calcium disorders such as blossom end-rot.

Item #	Description	Each	Case/2
CNC	Nutri-Cal, 2.5 Gallon Jug	\$59.00	\$114.00

Nutri-K 0-0-15 (Potassium)

High quality & readily available source of potassium for fruits and vegetables. 15% potash and 7% acids from plant



Item #	Description	Each	Case/2
CNK	Nutri-K, 2.5 Gallon Jug	\$62.00	\$120.00

Nutriculture Water-Soluble-Fertilizers

Plant Marvel fertilizers, manufactured by Plant Marvel Laboratories, are all water soluble and include both major and minor elements. Specific label with instructions on bag. **Call for pallet quantity pricing (88+bags).**



General Purpose 20-10-20

A general purpose feed for greenhouse and nursery stock.

Item#	Description	Price	10+
PMF201020	Plant Marvel 20-10-20, 25 lb. bag	\$37.00	\$36.00

General Purpose 20-20-20

A general purpose feed for greenhouse and nursery stock.

Item#	Description	Price	10+
PMF320	Plant Marvel 20-20-20, 25 lb. bag	\$36.00	\$35.00

General Purpose/Alkaline Water 20-7-20

Similar to 20-10-20 but can neutralize 1.5 times as many bicarbonates, making this ideal for growers with high alkalinity.

Item#	Description	Price	10+
PMF20720	Plant Marvel 20-7-20, 25 lb. bag	\$37.50	\$36.50

Hydroponic Plus 3-15-28

Contains all the elements to provide a complete diet for hydroponic tomatoes and other crops when used with CN G50.



Item#	Description	Price	10+
ULT31528	Ultrasol 3-15-28, 25 lb. bag	\$34.50	\$33.50

Calcium Nitrate,

White, granular, water soluble fertilizer. Not for foliar feeding.

Greenhouse Grade: Generally used in drip irrigation.

Ag Grade: Generally used for side dressing.



Item#	Description	Price	10+
CN-G50	Calcium Nitrate, Greenhouse Grade Water Soluble, 50 Lb. Bag	\$24.00	\$23.00
Item#	Description	Price	10+
CN-A50	AGGrade (side dressing) 50 lb. Bag	\$17.75	\$16.75

Caliber-Cote® Controlled Release Fertilizer

Nursery Fertilizer. Incorporate in soil or top dress. 50 lb. bag

Item#	Description	Price	10+
HCC314	Caliber-Cote® 14-14-14, 3-4 month	\$79.00	\$77.00
HCC18612	Caliber-Cote® 18-6-12, 3-4 month	\$77.00	\$75.00
HCC186126	Caliber-Cote® 18-6-12, 5-6 month	\$79.00	\$77.00

Potassium Nitrate 13.7-0-46

Yara Krista™ K Soluble Potassium Nitrate



Item#	Description	Price	10+
PN 50	Potassium Nitrate, 50 lb. bag	\$43.50	\$42.00

Epsom Salt (Magnesium Sulfate)

A water soluble magnesium and sulphur mix. Specific label on bag.

Item#	Description	Price	10+
ES 50	Epsom Salt, 50 lb. bag	\$21.50	\$21.00

Mum Finisher K-Mag 15-5-30

High nitrate nitrogen content. Ideal feed to overcome nitrogen and potash deficiencies in mature pot mums. Promotes improved resistance to fungus diseases and increases fibrous content.

Item#	Description	Price	10+
PMF15530	Pot Mum Special, 25 lb. bag	\$38.00	\$37.00

Hi-Cal Special 15-0-15 + 10.5% Calcium

This plug growing formula with high nitrate nitrogen, calcium, magnesium, and minor elements.

Item#	Description	Price	10+
PMF151015	Hi-Cal Special, 25 lb. bag	\$33.00	\$32.00

Mag-Iron Special 18-6-18

A high magnesium and iron combination formulated for growers with high calcium bicarbonate water who need to ensure nutrient uptake at an elevated media pH. The higher iron levels provided in two different chelated forms, EDTA AND DTPA.

Item#	Description	Price	10+
PMF18618	Mag-Iron Special, 25 lb. bag	\$37.00	\$36.00

Cal-Mag Special 17-5-17

Has 4% Calcium, 1% Magnesium and all the major and minor nutrients in a highly soluble form. High Nitrate to ammonia ratio. The ratio of phosphorus to nitrogen is tuned to reduce stretch.

Item#	Description	Price	10+
PMF17517	Cal-Mag Special, 25 lb. bag	\$37.00	\$36.00

SUPER-thrive
Professional Solutions!

SUPER-thrive

SUPERthrive is a highly concentrated non-toxic vitamin solution invigorating all varieties of greenery for home gardeners and professionals. It is equally suited for hydro-seeding, hydroponics, and foliar spraying. Kelp, newly added in 2013, integrates contemporary research with the existing nutrition provided by SUPERthrive since 1940.

Item #	Description	Price	4+
GCST	1 Gallon SUPERthrive	\$182.00	\$179.00

Sulfuric Acid

Sulfuric Acid 66° BE, 93% tech grade. Used to treat high alkalinity water to keep soil pH from rising.

***Corrosive; no ups shipping.**

Item#	Description	Price	4+
SUA1	Sulfuric Acid, 1 gallon	\$19.00	\$18.00

OBR Citric Acid

Lower pH the natural way. An Organic Biocarbonate Reducer that is derived from Citric Acid and used to lower the pH of soil less media and water. Additionally, it chelates micro nutrients that may otherwise be unavailable. Non hazardous, easy to handle, easily dissolves in water and is highly compatible with other soluble products. **We can also get liquid Citric Acid upon request.**

Item#	Description	Price	10+
PMFOBR	Water Soluble OBR, 25 lb. bag	\$73.00	\$71.00

SizeN® Ca 15-0-7

Stabilized Amine nitrogen with potassium nitrate. To increase root branching and to improve bloom and size of harvest able portion of crops with more uniform crop load. Specific label on container.



Item #	Description	Each	Case/2
OM1507	SizeN® 15-0-7, 2.5 Gallon jug	\$90.00	\$175.00

SizeN® Ca 15-0-0 + 7% Calcium

Stabilized Amine Nitrogen with 7% Calcium and 0.2% Boron to increase root branching, improve bloom, fruit size, firmness and brix. Specific label on container.

Item #	Description	Each	Case/2
OM1500	SizeN® 15-0-0 Ca, 2.5 Gallon Jug	\$89.50	\$174.00

K25 2-0-25 (Potassium)

Excellent soluble potassium formulated from Potassium Carbonate and Urea. Increase brix, and color develop in fruiting crops which have a high potassium requirement. Specific label on container.

Item #	Description	Each	Case/2
OMK25	K25 2-0-25, 2.5 Gallon Jug	\$80.50	\$156.00

Slyce® Ca 8% (Calcium & Humic Acid)

Soil ammendment with 8% calcium, derived from calcium nitrate and humic acid to aid in improving water penetration, soil tilth and available calcium. Designed to be applied via drip tape, not foliar. Specific label on container.

Item #	Description	Each	Case/2
OMSL	Slyce® Ca 8%, 2.5 Gallon Jug	\$67.50	\$130.00

LifeOmex™ 4-4-4 (Plant Health)

A combination of nutritional and plant extract compounds to help balance plant growth during periods of environmental stress. Apply via drip tape. Specific label on container.

Item #	Description	Each	Case/2
OMLIF	LifeOmex 4-4-4, 2.5 gallon Jug	\$82.50	\$160.00

Zynergy™ (Nutritional)

A synergistic blend of copper, zinc, sulfur and our propriety blend of Organic Acids. To reduce zinc, copper and sulfur deficiencies and improve the overall vigor of plants throughout the growing season. Specific label on container.

Item #	Description	Each	Case/2
OMZYN	Zynergy™, 2.5 Gallon Jug	\$90.50	\$176.00

Charlies Soil Amendment

Improve soil texture, Add organic matter and increase water retention in your soil. Apply at 10-20 pounds per 1000 feet in a 12" band.



Item #	Description	Price
CC50	50 lb. Bag with biochar	\$25.00

Monty's Plant & Soil Products

Trusted Advisors. Proven Solutions. Monty's plant foods are designed to be used in conjunction with your current nutrient management program when your plants are in need of a boost. All the below products are liquid except Dri-Carbon.



Item #	Description	Price
MNT21515-08	8 oz. 2-15-15 Premium Root & Bloom	\$6.10
MNT21515-16	16 oz. 2-15-15 Premium Root & Bloom	\$10.82
MNT21515-64	1 Gallon 2-15-15 Premium Root & Bloom	\$62.60
MNT41512-08	8 oz. 4-15-12 Premium Seed Starter	\$6.13
MNT41512-2.5	2.5 Gallon 4-15-12 Premium Seed Starter	\$72.80
MNT6246-08	8 oz. 6-24-6 Premium Soil Conditioner	\$6.03
MNT8168-08	8 oz. 8-16-8 Premium Growth Formula	\$6.70
MNT8168-16	16 oz. 8-16-8 Premium Growth Formula	\$10.82
MNT8168-64	1 Gallon 8-16-8 Premium Growth Formula Micro's, Specialty and Soil Amendments	\$62.60
MNTAS	2.5 Gallon Agri-Sweet (Glucose)	\$43.24
MNTB	2.5 Gallon 10% Boron	\$39.33
MNTCP	2.5 Gallon Calcium Plus (Chelated)	\$52.00
MNTDC	50 Pounds Dri-Carbon	\$62.40
MNTHN	2.5 Gallon Hay-Now	\$56.97
MNTK28	2.5 Gallon K28 28% Potash	\$47.10
MNTLC	2.5 Gallon Liquid Carbon OMRI	\$34.62
MNTS	2.5 Gallon 8-0-0 +15S 15% Sulfur	\$49.57

Bringing life to your soil and potting medium.



All natural organic compost with essential plant nutrients. A high quality mature humus compost derived from composted poultry manure, composted CRP grasses, composted cover crop residue, clay soil and three inoculates- OMRI ACS – N Converter, Humifier and Finisher.. After 8 - 12 weeks of turning and care, the naturally occurring microbes transform these natural organic inputs into a complete mix of nutrients available to plants to build your soil for long term performance. Instructions: Initially use one cup of compost per one quart of soil. Subsequent applications should be half of initial application. With any product we recommend performing a soil test to tailor your fertilizer program. New plants: Mix with soil. Established plants: Top dress around plants mixing in top 2 inches. Meets NOP guide lines.



Item #	Description	Price
CC2000	2000 lb. Tote	\$375.00
CC1000	1000 lb. Mini Tote	\$250.00
CC40	40 lb. Bag	\$26.00

4-4-4 SOIL IMPROVING FORMULA



Rich in humified active organic matter, beneficial micro-organisms and nutrients

- Humified active organic matter and beneficial microbes amend soil and optimize PH
- Intensifies water retention in soil and provides better tolerance to low irrigation or drought
- Improves soil structure and reduces erosion
- Increases cationic exchange capacity of soil
- Decreases loss or insolubilization of nitrogen, phosphorus and other micronutrients
- Improves solubility of metals such as iron, zinc, and manganese
- Gradual release of elements ensures optimal absorption of nutrients; effective for up to six months



Item #	Description	Price
ITP44455	4-4-4 OMRI 55 lbs.	\$22.35

PHOSPHIT One

BOOSTER FOR PLANT NUTRITION!

PHOSPHIT-ONE improves the nutritional status of plants providing nitrogen, phosphorus and potassium, particularly at fruit ripening. It also promotes the formation of phytoalexins to protect against parasites, and stimulates the thickening of cell walls and lignification. Apply at 16-32 ounces per acre. Specific label on jug.

Item #	Description	Price
ITP23014	2.5 Gallon 2-30-14 + PSP	\$77.50

GROTAB 3in1

FOR A HEALTHY ROOT SYSTEM AND A MORE ROBUST GROWTH!

GROTAB 3in1 is a natural fertilizer enhanced with two types of micro-organisms acting as biostimulants on plants via the roots. Both work symbiotically to improve resistance to disease and to advance nutrient uptake. Mycorrhizal fungi increase the root surface from 100 to 1000 times its size, greatly increasing the adsorption of nutrients and water. Our specialized strain of Trichoderma atroviride increases adsorption of nutrients, enhances the effective use of nitrogen, and increases solubility of nutrients in the soil. In addition, it stimulates the formation of rootlets and the colonization of the rhizosphere and root by other beneficial micro-organisms.

- Use 1 or 2 tablets as determined by plant size. Specific label on container

Item #	Description	Price	3+
ITP128415	1500 count 12-8-4 Gro-tabs	\$262.00	\$244.00
ITP128430	30 count 12-8-4 Gro-tabs	\$12.00	

Premium Organic Fertilizer 2-1-3 Plant Stimulating Peptides

Energize plant growth with a fusion of 100% veget-sourced organic NPK, Oligosaccharides and peptides

Vegamin is a premium organic fertilizer designed to energize plant growth and is ideal for use as a starter fertilizer. The organic NPK is slow release, the oligosaccharides provides an instant food source for essential microbes and the peptides provide biostimulant and anti-stress action. Use at 1-10 gallon per acre. Specific label on jug.

Item #	Description	Price
ITP213	2.5 Gallon 2-1-3	\$35.59

4-0-0+2Zn+1Mn Plant Stimulating Peptides

INCREASE THE PLANT'S ABILITY TO METABOLIZE NITROGEN! Zcat421 technology was developed to improve nitrogen efficiency by helping crops increase the ability to uptake and metabolize nitrogen quickly and effectively, maximizing the benefits of nitrogen applications (wet or dry). A specialty fertilizer with complexed zinc and manganese. Apply at 16-32 ounces per acre. Specific label on jug.

Item #	Description	Price
ITP400	2.5 Gal Trainer 4-0-0 + 2Zn + 1Mn	\$115.00



Crop Stress Costs Yield These two Biostimulants are leading the fight!

Stress management for crops

Plant stimulating peptides stimulate the plant's natural processes to enhance nutrient absorption, mitigate the effects of abiotic stress and increase fertilizer efficiency. Plant stimulating peptides also promote the production of beneficial bacteria within the rhizosphere and can stimulate root hair growth.

Trainer



Stimtide



Item #	Description	Price
ITP500	2.5 Gal Trainer 5-0-0 + PSP OMRI	\$185.25
ITP701	2.5 Gal Stimtide 7-0-1 + PSP	\$185.25

HyBRIX Fertilizer



HyBRIX Fertilizers are pesticide and Insecticide free and contain no GMO ingredients or fillers. Great for all vegetables, fruits, flowers, growing plants, lawns, pastures and food plots. Contains slow release and soluble nutrients for season long feeding and quick energy growth; replenishes the soil of essential nutrients and amendments. This is our go to fertilizer for side-dressing in our own garden.

Buck Stampede

7-9-7 +Ca7 +S9

Easy one-time application of fertilizer maximizes your food plot's protein production and overall performance. Balanced ratios supply macro- and micronutrients that keep forage vigorous, tasty, and attractive to animals. Contains humic acid and fulvic acid which increases nutrient retention and availability – no soil test required. Can be used before or after planting!

45 lbs. covers 2,300 sq. ft.



Item #	Description	Price
HYBBS79750	45 lb. Buck Stampede 7-9-7 Ca 7 + S9	\$45.00

Lawn Fertilizer

HyR BRIX® Lawn Fertilizer is designed to replenish lawns with essential nutrients, micro-nutrients, trace elements, and minerals. Our unique blend of ingredients slowly releases into the soil, giving the grass a dark, lush-green look that lasts. One application feeds all summer long!

*45 lbs covers 5,600 sf



Item #	Description	Price
HYBL227750	45 lb. Lawn Fertilizer 22-7-7 Ca2 + S8	\$38.84

Pasture Fertilizer 45 lbs.

12-6-5 +Ca2 +S14

The health of your pasture dramatically impacts the health of your livestock. HyR BRIX® Pasture Fertilizers contain a unique blend of the nutrients animals need to maintain optimal health and production. With each use, you optimize forage growth, quality, and hardiness, and increase nutrient density in overall herd health. No grazing restrictions.

*45 lbs. covers 4,000 sq. ft.

*500 lbs. covers 1 acre (43,560 sq. ft.)



Item #	Description	Price
HYBP126550	45 lb. Pasture 12-6-5 Ca2 + S14 HyRBRIX	\$37.75

All Purpose Liquid Fertilizer

a fast-acting fertilizer for foliar, drench, and drip applications. More than just N-P-K, this formulation contains micronutrients, humic acid, and fulvic acid. These ingredients work together synergistically with soil microbes to deliver optimized nutrition to plants. The end result is healthy plants, beautiful flowers, and delicious fruits and vegetables.



Item #	Description	Price
HYBL433.25	1 Quart. Liquid All Purpose 4-3-3	\$20.50
HYBL4331	1 Gal. Liquid All Purpose 4-3-3	\$43.25
HYBL4332.5	2.5 Gal. Liquid All Purpose 4-3-3	\$95.50

All Natural & Organic Vegetable Fertilizer

All-purpose fertilizer that works well on the entire garden, including all vegetables, fruits, and flowers. The complete balance of nutrients can enhance the plants' immune system to make the plant more resilient to common diseases and help increase production.



Item #	Description	Price
HYBNO11805	5 lb. Natural+Organic Veg 1-1-8 Ca12+S9	\$17.00
HYBNO11820	20 lb. Natural+Organic Veg 1-1-8 Ca12+S9	\$32.00
HYBNO11850	45 lb. Natural+Organic Veg 1-1-8 Ca12+S9	\$50.75

Vegetable Fertilizer

All-purpose fertilizer that works well on the entire garden, including all vegetables, fruits, and flowers. The complete balance of nutrients can enhance the plants' immune system to make the plant more resilient to common diseases and help increase production.



Item #	Description	Price
HYBV47905	5 lb. Vegetable 4-7-9 Ca9 + S10	\$17.00
HYBV47920	20 lb. Vegetable 4-7-9 Ca9 + S10	\$32.00
HYBV47950	45 lb. Vegetable 4-7-9 Ca9 + S10	\$48.75

Sweet Corn Fertilizer

16-7-10 +Ca2 +S6

Has what sweet corn requires to develop big, uniform, marketable ears with a great, sweet taste. With multiple forms of nitrogen and a balance of slow-releasing nutrients, you can ensure your corn is receiving an adequate and even feeding all season long.



Item #	Description	Price
HYBSC1671005	5 lb. Sweet Corn 16-7-10 Ca2 + S6	\$17.00
HYBSC1671020	20 lb. Sweet Corn 16-7-10 Ca2 + S6	\$32.00
HYBSC1671050	45 lb. Sweet Corn 16-7-10 Ca2 + S6	\$54.00

Tomato Fertilizer

5-8-10 +Ca8 +S9

HyR BRIX® Tomato Fertilizer is a unique blend of essential micro-nutrients that tomatoes need for a healthy growth cycle. With multiple sources of calcium and a balance of nutrients, it has been proven to help prevent disease and blossom end rot, as well as help maximize production and enhance taste.



Item #	Description	Price
HYBT581005	5 lb. Tomato 5-8-10 Ca8 + S9	\$17.00
HYBT581020	20 lb. Tomato 5-8-10 Ca8 + S9	\$32.00
HYBT581050	45 lb. Tomato 5-8-10 Ca8 + S9	\$52.00

Fruit & Berry Fertilizer

6-8-9 +Ca9 +S10

HyR BRIX® Fruit & Berry Fertilizer can contribute to a better tasting fruit that produces more abundantly with less disease and insect feeding. It contains nutrients that can aid in longer plant life and enhance storage attributes. Great for all types of fruit!



Item #	Description	Price
HYBFB68905	5 lb. Fruit & Berry 6-8-9 Ca9 + S10	\$17.00
HYBFB68920	20 lb. Fruit & Berry 6-8-9 Ca9 + S10	\$32.00
HYBFB68950	45 lb. Fruit & Berry 6-8-9 Ca9 + S10	\$48.25



Fertilizers produced by a family owned company. Comes highly recommended. All are OMRI Listed except the Grow Big Liquid Plant Food and the Tiger Bloom Extra Strength Liquid Plant Food

FoxFarm Happy Frog All Purpose Fertilizer 6-4-5



Happy Frog All Purpose is a ready-to-use blend of fertilizers and microorganisms that delivers nutrition where your plants need it most. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption. Highly recommended for vegetable gardens, annual and perennial flower gardens, ornamental plantings and all types of container gardening.



Item #	Description	Price
FFHFAP	Happy Frog All Purpose Dry 4 lb	\$11.20

Fox Farm Happy Frog Fruit & Flower Fertilizer 4-9-3



Happy Frog Fruit & Flower Fertilizer is specifically designed to supply phosphorus for fruit and flower development. Also contains nitrogen essential to support growth through the end of the growing season. Mycorrhizal fungi to help increase root efficiency, which may enhance nutrient uptake and water absorption.



Item #	Description	Price
FFHFFF	Happy Frog Fruit & Flower Dry 4 lb	\$11.20

Fox Farm Happy Frog Tomato and Vegetable Fertilizer NPK 5-7-3



Happy Frog Tomato and Vegetable Fertilizer is specifically formulated for all vegetables, tomato varieties, and soft fruits and berries. The nitrogen, phosphorus, and potassium in this supplies the nutrition necessary to support the vegetative and flowering stages of plant growth. This fertilizer also contains calcium which helps prevent blossom end rot and builds stronger cell walls, boosting the plant's ability to resist disease. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption.



Item #	Description	Price
FFHFTV	Happy Frog Tomato & Vegetable Dry 4 lb	\$11.20

Liquid Fertilizers



Big Bloom® 0-0.5-0.7

- OMRI Listed® and Registered CDFA Organic Input Material.
- Our Big Bloom® Liquid Plant Food is a carefully selected blend of fertilizers formulated to support multiple blooms and seed formations. This liquid plant food supplies nutrients that your plants can access immediately.
- Big Bloom® contains bat guano and earthworm castings. Bat guano has been used for centuries as a fertilizer for all kinds of plants. Combined with earthworm castings they create a nutrient-rich mix that can help your plants thrive.



Item #	Description	Price
FFLBB-1P	Big Bloom Liquid Plant Food 1 pint	\$9.75
FFLBB-1Q	Big Bloom Liquid Plant Food 1 quart	\$16.80
FFLBB-1G	Big Bloom Liquid Plant Food 1 gallon	\$58.70

GrowBig® 6-4-4

Get your garden going with Grow Big®, our liquid concentrate fertilizer that supports lush vegetative growth. Our special brew is designed to enhance plant size and structure allowing for more abundant fruit, flower, and bud development. It is formulated with a low pH to maintain stability in storage and keep micronutrients available.

Item #	Description	Price
FFLGB-1P	Grow Big Liquid Plant Food 1 pint	\$11.60
FFLGB-1Q	Grow Big Liquid Plant Food 1 quart	\$20.20
FFLGB-1G	Grow Big Liquid Plant Food 1 Gallon	\$69.30



Tiger Bloom® 2-8-4

FoxFarm Tiger Bloom® is a phosphorus fertilizer that contains nitrogen to support vigorous growth. It is formulated with a low pH to maintain stability in storage and keep micronutrients available. Tiger Bloom® can be used for both hydroponic and soil applications. It's designed to encourage abundant fruit, flower, and multiple bud development. Use Tiger Bloom® at the first signs of flowering through harvest.

Item #	Description	Price
FFLTB-1P	Tiger Bloom EXTRA STRENGTH Liquid Plant Food 1 pint	\$11.65
FFLTB-1Q	Tiger Bloom EXTRA STRENGTH Liquid Plant Food 1 quart	\$21.55
FFLTB-1G	Tiger Bloom EXTRA STRENGTH Liquid Plant Food 1 Gallon	\$71.05



AGRO-LIG HUMATE

A mined, naturally occurring organic leonardite containing 65-75% high quality humic acids, 31% carbon, and a complex of other nutrients similar to chelates. Stimulates plant enzymes, root growth and beneficial soil organisms.

Continued use improves the structure and organic content of the soil. For gardens apply 2 lbs. per 1000 sq. ft.; Field crops 100 lbs. per acre.

Item #	Description	Price
OEFAQRO-LIG	50 Lb. Agro-Lig 65-75% Humic Acids 31% Carbon + Micro's	OMRI \$22.65



Alfalfa Meal

A reasonable alternative to blood meal as a source of nitrogen and is nicely balanced with phosphorus and potassium. Its carbohydrates and protein make it an excellent soil conditioner by encouraging microbial activity in the soil. Micronutrients are plentiful because its extensive root system provides them to the plant from deep below the earth's surface. Typical Analysis: 2.5-3% N based on protein. NOP Acceptable

Item #	Description	Price
OEFAQM	50 Lb. 2.5-0-0 Alfalfa Meal	NOP \$31.90



Dried Blood

A slow release, 12% organic nitrogen source. Excellent as a side dressing when extra nitrogen is needed. Stimulates bacterial growth. Also useful as a temporary deer and rabbit repellent. Use 2-3 lbs. per 100 sq. ft or as a side dress.

Item #	Description	Price
OEFBM	50 Lb. 12-0-0 Blood Meal	NOP \$70.80



Bone Meal

Promotes strong, vigorous bulbs, healthy root systems and good blooming. Excellent for flowers, roses, garden bulbs, shrubs and trees. Use 5 lbs. per 100 sq. ft.

Item #	Description	Price
OEFBM2	40 Lb. 9-6-0 Bone & Meat Meal	OMRI \$22.50



Cotton Seed Meal

Average analysis 6% nitrogen, 2% phosphate, and 1% potash. Slow release. Will not raise soil pH. Good for acid loving plants such as azaleas, rhododendrons, and blueberries. Apply at 2 lbs. per 100 sq. ft.

Item #	Description	Price
OEFCSM	50 Lb. 6-2-1 Cotton Seed Meal	NOP \$31.55



Feathermeal

A 12-14% organic nitrogen made from hydrolyzed ground feathers. Slow release. Will not burn seeds and foliage. Use on corn, lettuces, lawns and other crops that need extra nitrogen. Apply ½ -1 lb. per 100 sq. ft. on gardens and lawns; 100-300 lbs. per acre on field crops.



Item #	Description	Price
OEFFM	50 Lb. 13-0-0 Feather Meal	NOP \$36.15

Guided Nitrogen (12-0-0)

The magic mixture of humate and kelp that has powered Re-Vita for years now mixed into pelletized feather meal for the ultimate slow release "guided" nitrogen-boosting organic fertilizer. Humate aids in Nitrogen absorption by plant cells. Kelp extract provides minerals and growth stimulants. Diatomaceous earth is added for silica and calcium, molasses for soil microbes. When a slow release nitrogen is needed there is not a more effective organic product available. Pellets run through equipment for easy in-row broadcast or side dress application. Bulk density 35 lbs/cu ft



Item #	Description	Price
OEFGN	50 Lb. 13-0-0 Guided Nitrogen	NOP \$40.40

Kelp Meal

(ASCOPHYLLUM NODOSUM)



Ascophyllum Nodosum kelp meal which contains 60 trace minerals in chelated form, 14 vitamins, plant growth regulators, enzymes, and hormones. Research shows that kelp improves seed germination, root and plant growth, fruit set, and overall health of plants. Makes plants more disease and stress resistant. Increases soil fertility and microbial population. Used by wise growers to amend most micronutrient deficiencies slowly and safely. Broadcast using ¾ lb. per 100 sq. ft. or 200 lbs. per acre.

Item #	Description	Price
OEFKM	50 Lb. Kelp Meal	OMRI \$70.80

Re-Vita Compost Plus (3-4-3)

All the benefits of manure, Plus! Composted layer manure, kelp and humate provide a complex of trace minerals and bio-stimulants easily assimilated by plants. Provides a good balance of N, P and K as well as Calcium and organic matter. Improves structure, water holding capacity and aeration and revitalizes the biological activity in the soil. Uniform, granular form easy to spread. Excellent for gardens, flowers, shrubs, trees, and small grain field crops such as wheat and oats. Apply 5 lbs. per 100 row ft. or 2 lbs. per 100 sq. ft. for gardens, 2-3 lbs. per inch of diameter for fruit and shade trees, 50 lbs. per 3,000 sq. ft. for lawns, and 250-300 lbs. per acre for field crops. Bulk density 41 lbs/cu ft. Roughly 180 SGN (1-3mm) granules.



Item #	Description	Price	10+
OEFRP343	50 Lb. 3-4-3 RE-VITA Plus	NOP \$17.30	\$16.05

Re-Vita Pro (5-4-5)

An easy to use blend of:

- Layer-hen manure composed for 7 weeks (not heat treated) to enrich with microbes and microbial biochemicals
- Concentrated sea kelp to provide minerals and growth stimulants
- Humate to help in absorption through cell membranes
- Boosted by feather meal, bone meal and sulfate of potash
- With a low salt index of only 16.43



Pelletized together and crushed, resulting in the most complete organic fertilizer available. Each granule contains maintenance doses of Magnesium, Sulfur, Boron, Iron, Manganese, Copper and Zinc from natural sources, 5% Nitrogen, 4% Phosphorus, 5% Potassium and 8% Calcium. No documented deficiency needed for cert. organic use. Fully NOP compliant for application up to day of harvest. Field crops 3-500 lbs. or more per acre applied through planting equipment in the row; Vegetables and Hemp 500-1000 lbs. per acre broadcast before you work the ground for the last time or through bed shaper; Gardens 5 lbs. per 100 row ft. or 2 lbs. per 100 sq. ft.; Fruit and shade trees 2-3 lbs. per inch of diameter buried around drip line; Lawns 50 lbs. per 5,000 sq. ft. in spring and fall. Bulk density 44 lbs. per cubic ft. Roughly 300 SGN (2-4mm) granules.

Item #	Description	Price	10+
OEFRP545	50 Lb. 5-4-5 RE-VITA Pro	OMRI \$22.75	\$21.15

Worm Castings

0.3-0.1-0.25 Wormganic worm castings is a natural, chemical-free product, that is odor-free, nontoxic and non-burning. It will improve your soil texture, increase soil fertility, aid in nutrient retention improve water holding capacity and provide beneficial bacteria and fungus which are vital for healthy soil.



Item #	Description	Price
OEFWC	20 Lb. 1-0-0 Worm Castings	\$12.65

Lawn & Garden Pelletized Gypsum

Fast and easy to use, loosens hard packed soils, increases nutrient availability while counteracting salt damage. Easier to spread than powder type gypsum. 40 lb. covers 1000 sq. ft.



Item #	Description	Price
GYPSUM40	Pelletized Gypsum 40 lb	OMRI \$12.50 6+\$11.60

Lawn & Garden Pelletized Lime

Fast acting, dust free, easy to use, gives more pH correction in two weeks than coarser lime does in two years. 50 lb. covers 4250 sq. ft.

Item #	Description	Price
LIME50	Lawn & Garden Pelletized Lime 50 lb	\$6.95 6+\$6.00

Ag Lawn & Garden Lime

Crushed high calcium ag lime is added to soil mixtures to help stabilize the pH levels. Use on soils low in calcium but high in magnesium. Apply 3-5 lbs. per 100 sq. ft.

Item #	Description	Price
LIMEHC50	Ag Lawn & Garden High Calcium Lime 50 lb	\$5.80 6+\$5.00

Pelletized Dolomite Lime

A dust free dolomitic limestone. Easily spread with any type fertilizer equipment. Supplies 21% calcium and 12% magnesium. Use 3-5 lbs. per 100 sq. ft.



Item #	Description	Price
LIME50DOL	Dolomite Lime 50 lb	NOP \$7.55 6+\$7.00

Sulfur Soil 90

- 90% elemental sulfur, 10% bentonite clay
- Use to lower soil pH (make it more acidic)
- Designed to quickly degrade, disperse and convert to sulphate throughout the growing season
- For 1 pound of sulphur apply 1.11 bs.

Item #	Description	Price
OEFSUL90	50 Lb. Sulfur Soil 90	\$26.15

Organic sulfur

90% sulfur for soil application. Useful in lowering soil p.H. Excellent for rhododendrons blueberries, azaleas and other acid loving plants. Easy to spread granular form. Use according to soil test recommendations do not over apply. Maximum use 100 lbs. per acre or ¼ lb. per 100 sq. ft.



Item #	Description	Price
OEFSULOR	50 Lb. Organic Sulfur	OMRI \$24.95

Agricultural Chemicals

Fungicides	Active Ingredient	Size	Price
Actigaurd 50WG	Acibenzolar-s-methyl	7.5 Ounces	\$367.08
Actino-Iron (Perfect Amendment)		50 Pounds	\$79.65
Activate SP (OMRI)	Streptomyces lydicus	18 Ounces	\$118.99
Agrimycin	Streptomycin Sulfate	2 Pounds	\$26.64
Aliette	Uluminum Tris	5 Pounds	\$69.03
Armicarb (Mil-Stop) (OMRI)	Potassium Bicarbonate	5 Pounds	\$60.77
Banrot	Etridiazole + Thiophanate	2 Pounds	\$63.61
Bravo Weatherstick	Chlorothalonil	2.5 Gallons	\$66.67
Cabrio	Propiconazole	5 Pounds	\$243.60
Captan 80WDG	Captan	6.25 Pounds	\$45.25
Captan 80WDG	Captan	30 Pounds	\$150.93
Clearys 3336 F	Thiophanate-methyl	1 Quart	\$65.49
Champ 2 (Copper)	Copper hydroxide	2.5 Gallon	\$103.84
Decree 50WDG	Fenhexamid	2.5 Pounds	\$375.19
Dithane F45 (Manzate Max)	Mancozeb	2.5 Gallon	\$79.36
Double Nickel LC (OMRI)	Bacillus amyloliquefaciens Strain D747	2.5 Gallon	\$136.01
Elevate 50WDG	Fenhexamid	2 Pounds	\$89.21
Eagle	Mycobutanil	1 Pint	\$37.07
Forum	Dimethomorph	1 Gallon	\$280.72
Fontelis	Penthiopyrad	80 Ounces	\$140.40
Indar 2F	Fenbuconazole	1 Gallon	\$347.42
Inspire Super	Difenoconazole + cyprodinil	1 Gallon	\$214.11
Jet Ag	Peroxyacetic Acid + Hydrogen Dioxide	5 Gallon	\$126.94
Kocide 3000 DF	Copper hydroxide	10 Pounds	\$69.62
Medallion WSB	Fludoxonil	8 Ounces	\$232.13
Mefenoxam	Mefenoxim	1 Gallon	\$471.50
Manzate (Penncozeb)	Mancozeb	30 Pounds	\$99.12
Nordox (OMRI)	Cuprous Oxide	12.5 Pound	\$121.39
Orondis Gold	Oxathiapiprolin + Mefenoxam	1 Gallon	\$358.80
Orondis Opti	Oxathiapiprolin + Chlorothalonil	2.5 Gallon	\$457.12
Orondis Ultra	Oxathiapiprolin + Mandipropamid	1 Gallon	\$861.35
Oxidate	Peroxyacetic acid+hydrogen dioxide	2.5 Gallon	\$75.23
OxiPhos	Phosphorous acid+Hydrogen Peroxide	2.5 Gallon	\$148.04
Peroxide 34%		1 Gallon	\$12.25
Phostrol (Reliant)	Phosphorous Acid	2.5 Gallon	\$58.50
Phyton	Copper Sulfate Pentahtfrare	1 Liter	\$120.51
Presidio	Fluopicolide	1 Quart	\$359.77
Previcur Flex	Propamocarb hydrochloride	2.5 Gallon	\$203.29
Pristine	Praclostrobin + boscalid	7.5 Pounds	\$408.82
Proline 480 SC	Prothioconazole	2.5 Gallon	\$1578.38
Quadris	Azoxystrobin	1 Gallon	\$122.26
Quadris Top	Azoxystrobin+difenoconazole	2.5 Gallon	\$747.50
Quintec	Quinoxifen	30 Ounces	\$125.66
Rally 40 SP (Nova) (Relix 40 WSP)	Mycobutanil	20 Ounces	\$55.68
Ranman	Cyazofamid	20 Ounces	\$200.07
Regalia	Reynoutria Sachalinensis	2.5 Gallon	\$184.28
Rhyme	Flutiafol	50 Ounces	\$215.28
Ridomil Gold Bravo	Mefenoxim + Chlorothalonil	2.5 Gallon	\$339.30
Ridomil Gold Copper	Mefenoxim+Copper Hydroxide	5 Pounds	\$92.63
Ridomil Gold SL	Mefenoxim	1 Pint	\$88.50
Sanidate (OMRI)	Peroxyacetic acid+hydrogen dioxide	2.5 Gallon	\$74.52
Serenade ASO (OMRI)	Bacillus Subtilis	2.5 Gallon	\$101.48
Sovran	Kresoxim-methyl	1.25 Pounds	\$60.48
Spirato	Fludoxonil	1 Pint	\$287.10
Stargus	Bacillus amyloliquefaciens strain F727	2.5 Gallon	\$171.11
Subdue Max	Mefenoxim	1 Quart	\$187.20
Switch WDG (Alterity)	Cyprodinil + Fludioxanil	28 Ounces	\$97.47
Talaris 4.5 F	Thiophanate-methyl	2.5 Gallon	\$96.86
Tanos	Famoxadone + Cymoxanil	7.5 Pound	\$404.51

Agricultural Chemicals (continued)

Fungicides	Active Ingredient	Size	Price
Terramaster 4 EC	Etridiazole	1 Quart	\$132.21
Topsin (Talaris)	Thiophanate-methyl	5, 1 lb. Bags	\$44.10
Torino	Cyflufenamid	34 Ounces	\$299.35
Vanguard WG	Cyprodinil	50 Ounces	\$164.97
Yellow Jacket	Sulfur	30 Pounds	\$25.20
Zerotol	Hydrogen dioxide+ Peroxyacetic acid	2.5 Gallon	\$87.62
Growth Regulators	Active Ingredient	Size	Price
B-Nine	Daminozide	1 Pound	\$59.13
B-Nine	Daminozide	5 Pound	\$281.31
Altercel	Chlormequat Chloride	1 Gallon	\$155.04
Florel	Ethephon	1 Quart	\$19.79
Florel	Ethephon	1 Gallon	\$61.85
Piccolo (Bonzi) (Pacl-Pro)	Pacllobutrazol	1 Gallon	\$95.58
Herbicides	Active Ingredient	Size	Price
2, 4-D Amine	2, 4-D Amine	1 Gallon	\$26.16
Aim 2EC	Carfentrazone	1 Quart	\$152.57
Atrazine (R)	Atrazine	2.5 Gallon	\$49.98
AXXE	Ammonium Nonanoate	2.5 Gallon	\$89.37
Bicep II Magnum (R)	Atrazine + Metolachlor	2.5 Gallon	\$95.88
Brush Master	2, 4-D + 2, 4-DP-p + Dicamba	1 Gallon	\$80.24
Chateau SW	Flumioxazi	2.5 Ponds	\$234.61
Cloak	Metribuzin + Chlorimuron Ethyl	5 Pounds	\$143.32
Credit 41 Extra (Roundup)	Glyphosate	2.5 Gallon	\$42.30
Credit 41 Extra (Roundup)	Glyphosate	30 Gallon	\$469.20
Crossbow	Triclopyr + 2, 4-	1 Gallon	\$55.80
Crossbow	Triclopyr + 2, 4-	2.5 Gallon	\$125.78
Command 3 ME	Clomazone	2.5 Gallon	\$243.60
Degree Extra 4.04 ME	Acetochlor + Atrizine	2.5 Gallon	\$102.36
Dual II Magnum (Moccisan II)	Metolachlor	2.5 Gallon	\$195.98
Devrinal 50 DF	Napropamide	1 Gallon	\$54.72
Fusilade DX	Fluazifop-P-Butyl	1 Gallon	\$129.87
Gramoxone (R)	Paraquat	2.5 Gallon	\$117.29
Goal	Oxyfluofen	2.5 Gallon	\$195.68
Impact 2.8 SC	Topramezone	30 Ounces	\$424.35
Liberty (Interline)	Glufosinate-Ammonium	2.5 Gallon	\$64.02
Permit	Halosulfuron-methyl	20 Ounces	\$310.88
Poast	Sethoxydim	2.5 Gallon	\$336.40
Primero 75 DF (Accent)	Nicosulfuron	10 Ounces	\$94.40
Prodiamine 65WDG	Prodiamine	5 Pound	\$77.88
Prowl H20	Pendamehalin	2.5 Gallon	\$117.58
Sandea	Halosulfuron-methyl	10 Ounces	\$288.84
Select Max	Clethodim	2.5 Gallon	\$187.20
Simazine 4L	Simazine	2.5 Gallon	\$64.60
Spartan Charge (R)	Sulfentrazone+Carfentrazone	1 Quart	\$67.26
Status 56 WDG	Diflufenzopyr + Dicamba	125 Ounces	\$529.00
Stratagy	Clomazone + Ethalfluralin	2.5 Gallon	\$181.35
Tricor 75 DF	Metribuzin	5 Pounds	\$63.13

Agricultural Chemicals (continued)

Insecticides	Active Ingredient	Size	Price	
38 Plus	Permethrin	1 Quart	\$31.32	Turf, Termite, Ornamental
38 Plus	Permethrin	1 Gallon	\$119.92	Turf, Termite, Ornamental
Acephate (Orthene)	Acephate	1 Pound	\$8.82	
Asana (R)	Esfenvalerate	2.5 Gallon	\$190.12	
Assail 30 SG	Acetmiprid	64 Ounces	\$143.77	
AzaGuard 3%	Azadirachtin	1 Quart	\$177.84	
Azatin O (OMRI)	Azadirachtin	1 Quart	\$259.08	
Baythroid (R)	Beta-cyfluthrin	½ Gallon	\$93.22	
Brigade 2EC (R)	Bifenthrin	1 Gallon	\$73.04	
Carbaryl 50 W (Sevin)	Carbaryl	2.5 Gallon	\$180.18	
Conserve	Spinosad	1 Quart	\$154.66	
Coragen *EVO*	Chlorantraniliprole	1 Quart	\$402.50	
Coragen	Chlorantraniliprole	1 Gallon	\$793.50	
Danitol 2.4 EC (R)	Fenpropathrin	1 Gallon	\$209.43	
Diatomacious Earth (OMRI)		40 Pound	\$23.50	
Dipel DF (OMRI)	B. Thuringiensis	1 Pound	\$14.27	
Dipel ES (OMRI)	B. Thuringiensis	2.5 Gallon	\$117.70	
Entrust SC (OMRI)	Spinosad	1 Quart	\$534.75	
Grandevo (OMRI)	Chromobacterium Subtsugae	5 Pounds	\$138.29	
Imidan WSB	Phosmet	5 Pounds	\$84.66	
Kontos	spirotetramat	250 ML	\$287.68	
M-Pede (OMRI)	Potassium Salts of Fatty Acids	2.5 Gallon	\$125.19	
Macho (Admire)	Imidacloprid	1 Pint	\$13.42	
Malathion 5	Malathion	1 Gallon	\$70.68	
Marathon 1%	Imidacloprid	5 Pounds	\$70.50	
Montana 2F (Admire)	Imidacloprid	1 Gallon	\$41.40	
Movento	spirotetramat	1 Quart	\$249.40	
Mustang Max (R)	Zeta-cypermethrin	1 Gallon	\$150.93	
Perm-Up (Pounce) (R)	Permethrin	1 Gallon	\$51.72	
Piston (Pylon)	Clorfenapyr	1 Quart	\$519.80	
Plantinum 75 SG	Thiamethoxam	8 Ounces	\$48.96	
Province II (R) (Warrior)	Lambda-cyhalothrin	1 Gallon	\$114.46	
PyGanic EC 5 (OMRI)	Pyrethrum	1 Gallon	\$558.90	
PyGanic EC 5 (OMRI)	Pyrethrum	1 Quart	\$152.10	
Pylon TR (Spay Bomb)	Clorfenapyr	2 Ounce	\$19.52	
Pyrethrum TR (Spay Bomb)	Pyrethrins+Piperonyl Butoxide	2 Ounces	\$19.52	
Radiant SC	Spinetoram	1 Quart	\$252.88	
Sivanto Prime	Flupyradifurone	1 Gallon	\$358.80	
Sunspray (Damoil)	Horticultural Oil	2.5 Gallon	\$35.10	
Talstar (Bifen I/T)	Bifenthrin	1 Quart	\$27.65	
Trilogy (OMRI)	Neem Oil	2.5 Gallon	\$137.48	
Venom	Dinotefuran	1 Pound	\$139.23	
Miticides	Active Ingredient	Size	Price	
Acramite 50WS	Bifenazate	1 Pound	\$52.80	
Actara	Thiamethoxam	30 Ounces	\$116.11	*New*
Enterik 0.15 LV	Abamectin	1 Gallon	\$47.40	
Portal	Fenpyroximate	2.5 Gallon	\$307.40	
Adjuvants & Misc.	Active Ingredient	Size	Price	
Bench Mark	Foam Marker Concentrate	1 Gallon	\$43.68	
Foam Fighter	Dimethylpolysiloxane + Silicodioxide	1 Quart	\$13.00	
MES-100	Methylated Seed Oil	2.5 Gallon	\$37.20	
Spreader 820	Nonionic Surfactant	1 Gallon	\$14.64	
Spreader 820 	Nonionic Surfactant	2.5 Gallon	\$30.00	

Fungicides



Liquid Copper

- Controls plant diseases
- Approved for organic gardening
- Dormant and growing season applications
- Powdery Mildew, Black Spot, Rust, Downy Mildew, Tomato Blight, Fruit Rot, Late Blight, Peach Leaf Curl, and more



Item #	Active Ingredient	Size	Price
BON811	Copper Octanoate	1 Pint	\$18.00

Fungi-Max Monterey

- Systemic action fungicide that protects plants for up to two weeks
- Can be used on berries, fruit and nut trees, lawns, ornamentals and vegetables
- Prevents and controls all major plant diseases

Item #	Active Ingredient	Size	Price
MON3216	Myclobutanil	1 Pint	\$21.15

Fungonil

- Broad spectrum fungicide for gardens
- Controls Leaf Spots, Rust, Blights, Fruit Rot, and more listed diseases Water based
- For use on roses, flowers, vegetables, fruit & shade trees
- Multi-purpose



Item #	Active Ingredient	Size	Price
BON880	Chlorothalonil	1 Pint	\$19.20
BON881	Chlorothalonil	1 Quart	\$28.95

Garden Phos Monterey

- Soil drench, foliar spray or basal bark application
- Use on ornamentals, trees, bedding plants and more
- Control of root rot, downy mildew, fire blight, sudden oak death (S.O.D.), phytophthora and pythium diseases and other listed diseases

Item #	Active Ingredient	Size	Price
MON3303	Phosphorous Acid	1 Pint	\$22.05

Infuse Systemic Disease Control

- Prevents and stops most major plant diseases
- Works for up to 4 weeks on certain diseases
- Use on roses, flowers, lawns, trees, & shrubs
- Controls Black Spot, Dollar Spot, Rust, Powdery Mildew, and more
- Protection that can't wash off

Item #	Active Ingredient	Size	Price
BON148	Propiconazole	1 Pint	\$13.05

Revitalize Bio Fungicide

- Biofungicide controls blights, molds, rots, spots and mildews
- Approved for organic gardening
- Use as a spray or a drench
- For use on vegetables, fruits, nuts, ornamentals, and houseplants
- May be used up to day of harvest

Item #	Active Ingredient	Size	Price
BON777	Bacillus amyloloquefacens D747	1 Pint	\$15.90

Sulfur Dust

- Sulfur fungicide controls listed diseases on vegetables, fruits, ornamentals
- Approved for organic gardening
- Controls rust, leaf spot, powdery mildew, and more listed diseases
- Can be used as a dust or spray
- Can be used up to day of harvest

Item #	Active Ingredient	Size	Price
BON141	Sulfur	1 Pound	\$7.20
BON1428	Sulfur	4 Pounds	\$15.15

Fungicide and/or/+ Insecticide

All Seasons Horticultural Spray Oil

- Controls insects and diseases by suffocation
- Approved for organic gardening
- Dormant and growing season horticultural oil
- Formulated with paraffinic oil to smother insects
- Kills insects and their overwintering eggs.

Item #	Active Ingredient	Size	Price
BON2116	Mineral Oil	1 Quart	\$13.20
BON212	Mineral Oil	1 Gallon	\$30.75

Fruit Tree & Plant Guard

- Protect fruit trees and plants from insects and diseases
- Kills Aphids, Japanese Beetles, Leaf Hoppers, and more
- Controls Powdery Mildew, Apple Scab, Fly Speck, and more
- Protect apples, cherries, peaches, pears and more.
- Perfect for the novice or master orchardist

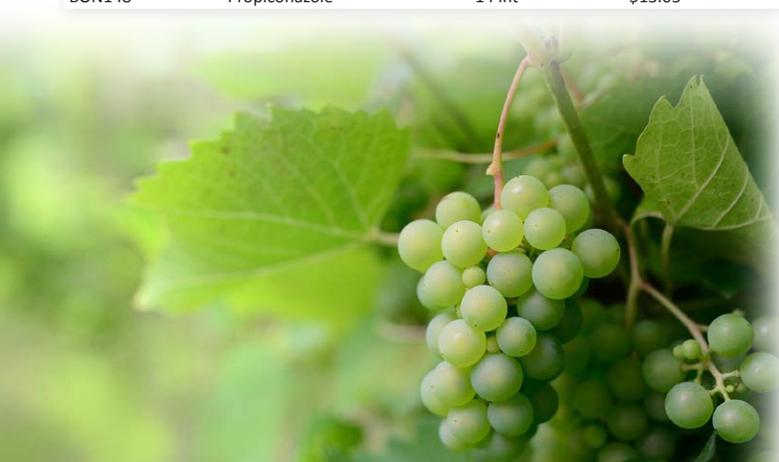


Item #	Active Ingredient	Size	Price
BON2021	Lambda-Cyhalothrin+Boscalid+Pyraclostrobin	1 Pint	\$34.35

Fruit Tree Spray

- Enhanced label language for fruit trees
- Concentrate Formula
- Controls insects and diseases on fruit trees
- Dormant and growing season
- Approved for organic gardening
- Premium cold pressed neem

Item #	Active Ingredient	Size	Price
BON2003	Cold Pressed Neem Oil	1 Quart	\$28.65
BON2005	Cold Pressed Neem Oil	1 Gallon	\$109.95



Neem Oil

- Controls insects, diseases and mites
- Approved for organic gardening
- Kills insect eggs, larvae and adults
- Controls Black Spot, Powdery Mildew, Rust, and more
- Kills Mites, Aphids, Whiteflies, and more

Item #	Active Ingredient	Size	Price
BON024	Clarified Hydrophobic Extract of Neem Oil	1 Pint	\$21.15
BON0226	Ready To Use Clarified Hydrophobic Extract of Neem Oil	1 Quart	\$8.85

NeemMAX

- 70% Cold Pressed Neem Oil
- Controls insects, diseases, mites and nematodes
- Approved for organic gardening
- Can be used as a drench or spray
- Kills eggs, larvae and adults
- Controls powdery mildew, botrytis, pythium and more



Item #	Active Ingredient	Size	Price
BON026	Cold Pressed Neem Oil	1 Pint	\$18.00

Rose Shield

- Insecticide and fungicide protects for up to 30 days
- Controls Aphids, Spider Mites, Whiteflies, and many more
- Controls Black Spot, Powdery Mildew, Scab, and many more
- Rain proof within 60 minutes
- No lingering odor & no staining

Item #	Active Ingredient	Size	Price
BON987	Difenoconazole+Thiamethoxam+Lambda-Cyhalothrin	1 Pint	\$10.50

Rose Shield Systemic Drench

- Provides 6 week control of both insects and disease
- Won't wash off
- Controls Black Spot, Powdery Mildew, and more listed diseases
- Controls Japanese Beetles, Borers, Aphids, and more listed insects
- Protects new growth



Item #	Active Ingredient	Size	Price
BON947	Tebuconazole + Imidacloprid	1.25 Quart	\$12.30

Herbicides

Herbicide Enhancer Hi-Yield

- AMS / Defoamer / Drift Reduction Solution / Surfactant
- AMS (Ammonium Sulfate) to condition "Hard Water"
- Defoamer to reduce foaming in the sprayer
- Drift Reduction Solution reduces drifting of the herbicide
- Surfactant to help with the adhesion and absorption through the leaf cuticle

Item #	Active Ingredient	Size	Price
VPG31073	AMS+Drift Reducer+Defoamer+Surfactant	Pint	\$5.85

BK-32 Brush Beater

- Kills Poison Oak, Ivy, brush, vines and weeds
- Fast, easy and effective brush and weed control
- Complete root kill
- Can be used to kill tree stumps.



Item #	Active Ingredient	Size	Price
BON3316	Triclopyr + Dicamba + MCPA	1 Quart	\$20.40
BON332	Triclopyr + Dicamba + MCPA	1 Gallon	\$66.15

Dead Weed Brew

- 44% Caprylic Acid, 36% Capric Acid
- Fast-acting grass and weed killer
- Approved for organic gardening
- Use in gardens (vegetables), walkways, and more
- Kills many types of weeds and grasses

Item #	Active Ingredient	Size	Price
BON2601	Caprylic Acid + Capric Acid	1 Quart	\$33.45
BON2608	Caprylic Acid + Capric Acid	1 Gallon	\$133.80

DuraTurf® Lawn Weed Control

- Provides pre-emergent and post emergent weed control
- Kills broadleaf and grassy weeds
- Starts working on contact
- Kills yellow nutsedge, crabgrass, dandelions and other listed weeds
- For use on warm season and cool season grasses

Item #	Active Ingredient	Size	Price
BON1301	Sulfentrazone+Proflamifone	29 Ounces	\$19.05

Eraser Martin's

- Concentrated for extra value
- Low odor water based formulation
- Rain proof in hours
- Kills unwanted vegetation – existing weeds only
- Replant flowers in one day, new lawns in seven days after treatment
- One quart makes up to 21 gallons



Item #	Active Ingredient	Size	Price
MAR04318	Glyphosate	1 Quart	\$12.90

Eraser Max Martin's

- Ideal for fence rows, gravel paths, sidewalks, driveways, parking areas, and around farm buildings
- One application kills weed for up to one year
- Effective against most weeds, grasses, vines, brush and trees
- For use on non-crop areas as a spot treatment for brush, vines, weeds or on bare ground for total vegetation control
- One quart treats up to 4000+ square feet
- 43.68% Glyphosate, 0.78% Imazapyr
- Stronger than Ground Force



Item #	Active Ingredient	Size	Price
MAR02488	Glyphosate + Imazapyr	1 Quart	\$17.68

Grass Killer

- Kills grassy weeds without harming desirable plants
- Spray over the top of desirable plants to kill grasses underneath
- Controls Bermudagrass, Crabgrass, Foxtail, Quackgrass and other weedy grasses
- Use in flower beds, ground covers, vegetable gardens, and around shrubs & trees
- "Over the Top" grass killer

Item #	Active Ingredient	Size	Price
VPG31134	Sethoxydim	8 Ounce	\$22.65

Ground Force Vegetation Killer

- Kills and prevents vegetation for up to one year
- Use on driveways, gravel areas, sidewalks, fences, & curbs
- Rainfast within 1 hour
- Fast-acting
- Season-long control
- One quart treats up to 75 square feet
- 5.03% Glyphosate, 0.089% Imazapyr



Item #	Active Ingredient	Size	Price
BON5121	Glyphosate + Imazapyr	1 Quart	\$9.60

KleenUP he

- Kills weeds, grasses and brush, roots & all
- High efficiency formula, one gallon of finished spray treats 1,000 sq. ft.
- Mix 3 to 8 oz. per gallon
- Economical to use, visible results in hours
- Use around trees, gardens, sidewalks, driveways and more



Item #	Active Ingredient	Size	Price
BON753	Glufosinate-Ammonium	1 Quart	\$16.05
BON754	Glufosinate-Ammonium	1 Gallon	\$45.75

Lawnweed Brew

- Specifically formulated with Iron (Fe) to kill broadleaf weeds
- People and pets can enter the treated area when spray dries
- Kills broadleaf weeds, but won't harm lawn grass
- Kills weeds down to the root
- Rainfast in 3 hours

Item #	Active Ingredient	Size	Price
BON2611	Iron (FeHEDTA)	1 Quart	\$16.65

Preen

Item #	Description	Price
GCHPREWF	Preen Weed & Feed 5.6 lb Trifluralin & 9-12-9	\$23.85
GCHPREWP	Preen Weed Preventer 5.6 lb Trifluralin	\$18.20



Sedge Ender

- Kills nutsedge, crabgrass and more
- For use on warm season and cool season grasses
- Pre and post-emergent control
- Rainfast in hours
- Economical concentrate

Item #	Active Ingredient	Size	Price
BON069	Sulfentrazone+Proflaminate	Pint	\$20.85

Vegetable & Ornamental Weeder Monterey

- Preemergence herbicide for broadleaf weed control around the bases of trees, shrubs, flowers, roses and ground covers
- One of the only herbicides that can be used in vegetable gardens
- Very economical weed control; prevents weeds for up to 5 months

Item #	Active Ingredient	Size	Price
MON5146	Trifluralin	1 Pint	\$18.90
MON5149	Trifluralin	1 Quart	\$43.05

Insecticides

Annual Tree & Shrub Insect Control With Systemaxx

- Kills borers and other listed insects pests for up to one-year
- Simple to use mix-and-pour application
- Kill borers (Emerald Ash) before they kill your trees
- Prevents new infestations
- Systemic action that won't wash off

Item #	Active Ingredient	Size	Price
BON611	Imidacloprid	1 Gallon	\$27.30

B.T. Monterey

- OMRI listed for Organic Gardening
- Kills caterpillar type insects with no effects on birds, earthworms, or beneficial insects such as honeybees or ladybugs when used as directed
- Caterpillars eat treated foliage then immediately stop feeding and damaging plants
- For use on fruits, vegetables, ornamentals and shade trees
- Can be used on edible plants up to the day of harvest



Item #	Active Ingredient	Size	Price
MON6336	Bacillus Thuringiensis	1 Quart	\$22.80

Bug Buster II Monterey

- Quick knockdown with residual control – contains a synthetic pyrethroid insecticide
- Controls several insects including spiders, roaches, ants, crickets and others
- Also controls aphids, caterpillars, leafhoppers and others on vegetables, ornamentals and fruit trees

Item #	Active Ingredient	Size	Price
MON6378	Esfenvalerate	1/2 Pint	\$16.80

Captain Jacks Dead Bug Brew

- Kills listed insects on vegetables, berries, citrus, grapes, nuts, and ornamentals Approved for organic gardening
- For listed vegetables and fruit trees
- Kills Bagworms, Borers, Beetles, Caterpillars
- Also kills Leaf Miners, Spider Mites, and Thrips



Item #	Active Ingredient	Size	Price
BON2526	Spinosad	1 Pint	\$17.10

Captain Jacks Deadbug Brew - Dust

- Flower & Vegetable Garden Dust
- Kills common listed insect pests with Spinosad®
- Approved for organic gardening
- Can be used up to day of harvest for listed crops
- Kills Bagworms, Borers, Beetles, Caterpillars
- Also kills Leaf Miners, Spider Mites, and Thrips

Item #	Active Ingredient	Size	Price
BON2576	Spinosad	1.5 Pound	\$5.55

Colorado Potato Beetle Beater

- Kills Colorado Potato Beetles and other listed insects
- Approved for organic gardening
- Controls insects in vegetable gardens
- No odor
- No oily residue

Item #	Active Ingredient	Size	Price
BON687	Spinosad	1 Pint	\$18.90

Cyonara Lawn & Garden—Martin's

- A broad spectrum product used for the control of spider mite, fleas, aphids, fire ants, chinch bugs and more



Item #	Active Ingredient	Size	Price
MAR31984	Lambda-Cyhalothrin	1 Quart	\$12.15

Eight Vegetable, Fruit, Flower Concentrate

- Kills over 100 insect pests while providing both contact and residual control
- Keeps working for up to 4 weeks
- Controls Spider Mites, Aphids, Scale, Whiteflies, Beetles, and many more
- Use on vegetables, fruits, ornamentals, and more

Item #	Active Ingredient	Size	Price
BON442	Permethrin	1 Pint	\$9.45
BON443	Permethrin	1 Quart	\$15.90

Eight Insect Control Garden Dust

- Kills insects on flowers, fruits, vegetables, ornamentals, and more for up to 4 weeks Kills and repels
- Kills Aphids, Beetles, Leafminers, Fruitworms, Spider Mites, and more

Item #	Active Ingredient	Size	Price
BON7866	Permethrin	3 Pound	\$7.65

Garden & Farm Insect Control Hi-Yield

- Controls Ants, Aphids, Beetles, Borers, Fleas, Ticks, Crickets, Earwigs, Grasshoppers, Armyworms, Japanese Beetles, mosquitoes, and many other listed insect pests
- Use on house plants, vegetables, roses, flowers, ornamentals trees and shrubs also dogs, livestock and poultry
- Broad Label



Item #	Active Ingredient	Size	Price
VPG33066	Permethrin 10%	1 Quart	\$22.95

Garden Insect Spray Monterey

- OMRI listed for Organic Gardening
- A fast-acting and odorless bacterial product produced by fermentation that can be used on ornamentals, lawns, vegetables, fruit trees and more
- Controls caterpillars, leafminers, codling moth, tent caterpillars, gypsy moth, thrips and more
- Can be used around beneficial insects when used as directed
- Also used to control fire ants in lawns and other outdoor areas

Item #	Active Ingredient	Size	Price
MON6150	Spinosad	1 Pint	\$20.70
MON6135	Spinosad	1 Quart	\$35.40

Insecticidal Soap

- Kills insect pests on contact for houseplants, vegetables, fruits, and flowers
- Approved for organic gardening
- Does not persist in the environment
- Use up to the day of harvest
- Kills on contact
- Ready To Use



Item #	Active Ingredient	Size	Price
BON112	Potassium Salts of Fatty Acids	8 Ounce	\$4.20

Malathion

- Controls a variety of insects
- For listed fruits, vegetables, & ornamentals
- Great for Mosquitoes, Flea Beetles, & Spider Mites
- Kills Aphids, Scale, and more
- Economical & effective

Item #	Active Ingredient	Size	Price
BON993	Malathion	1 Quart	\$13.35

Mite & Insect Control Monterey

- Controls mites, aphids, caterpillars, chinch bugs, fleas, mole crickets, ticks, whiteflies, and many other listed pests
- For use on lawns, trees, shrubs, roses, vegetables and fruit trees
- Use around house foundations to kill and repel roaches, ants and other listed insects

Item #	Active Ingredient	Size	Price
MON6172	Bifenthrin	1 Pint	\$9.30

Nematode Control Monterey

- OMRI listed for Organic Gardening
- Contains Saponins of Quillaja Saponaria which comes from a South American tree called Quilloja
- Controls plant parasitic nematodes in home gardens and lawns
- Can be used pre-planting or on established plants such as berries, citrus, grapes, nut and fruit trees, cole crops, cucurbit crops, vegetables, ornamentals and lawns
- Can be used up to the day of harvest

Item #	Active Ingredient	Size	Price
MON6356	*Saponins of Quillaja Saponaria	1 Quart	\$35.60

Pyrethrin Garden Insect Spray

- Fast acting contact insect control for your garden
- Kills Aphids, Leafhoppers, Webworms, Cabbage Looper, Flea Beetles, and more
- Ideal for vegetables, fruits, flowers, and ornamentals
- Can be used up to the day of harvest
- Doesn't leave objectionable residues



Item #	Active Ingredient	Size	Price
BON857	Pyrethrins + Piperonyl Butoxide	8 Ounces	\$12.90
BON858	Pyrethrins + Piperonyl Butoxide	1 Pint	\$22.20

Sevin Insect Killer Garden Tech

- Kills more than 500 garden pests including Japanese Beetles, ticks and worms by contact
- Keeps on protecting for up to three months
- Protects over 250 fruits and vegetables
- For use on home fruit and vegetable gardens, ornamental and flower gardens, lawns and around the home perimeter
- Broad label



Item #	Active Ingredient	Size	Price
GT47212	Zeta-cypermethrin	1 Pint	\$12.00
GT10148	Zeta-cypermethrin	1 Quart	\$16.05
GT47214	Zeta-cypermethrin	1 Gallon	\$74.40

Sevin Insect Killer Dust Garden Tech

- Kills over 150 insects on fruits, vegetables, ornamentals and lawns
- Protects over 125 listed fruits and vegetables
- Starts killing immediately upon contact
- Ready To Use

Item #	Active Ingredient	Size	Price
GT010407	Bifenthrin	1 Pound	\$5.70
GT010414	Bifenthrin	3 Pound	\$14.55

Sluggo Max Monterey

- OMRI listed for Organic Gardening
- Controls snails and slugs and can be used around pets and wildlife
- Contain a higher concentration of iron phosphate than Sluggo or Sluggo Plus, three times more power in each pellet; 1 pound covers 11,000 square feet

Item #	Active Ingredient	Size	Price
MON6542	3% Iron Phosphate	1 Pound	\$9.75
MON6544	3% Iron Phosphate	2 Pounds	\$21.90
MON6546	3% Iron Phosphate	10 Pounds	\$80.10

Sluggo

- OMRI listed for Organic Gardening
- Controls snails and slugs
- Sluggo contains iron phosphate and can be used around pets and wildlife
- Labeled for use in vegetable gardens up until harvest and remains effective after rain
- 1 pound covers up to 2,000 square feet

Item #	Active Ingredient	Size	Price
MON6520	1% Iron Phosphate	50 Pounds	\$160.88

Hi-YieldTRUSTED SINCE 1926
BONIDEMonterey
Lawn & Garden**Systemic House Plant Insect Control**

- For containerized household plants
- Protect houseplants for up to 8 weeks
- Aphids, Whiteflies, and other listed insects
- Even new growth is protected
- Easy to apply granules



Item #	Active Ingredient	Size	Price
BON951	Imidacloprid	8 Ounces	\$6.60

Systemic Insect Control

- Kills hard to control insects systemically
- Use on roses, flowers, ornamentals, shrubs and trees
- Absorbed through the foliage for complete plant protection
- Protect your plants from sucking and chewing insects
- Kills Aphids, Bagworms, Leaf Miners, Thrips, and many more

Item #	Active Ingredient	Size	Price
BON941	Acephate	1 Pint	\$12.15

Insect Control**Ant Killer Dust Revenge**

- Kills ants for up to 8 months
- Also kills Fleas, Ticks, and more
- Can be used indoors and outdoors
- No watering-in required
- Treats fire ant mounds

Item #	Active Ingredient	Size	Price
BON45502	Deltamethrin	1 Pound	\$5.85

Barn & Stable Fly Spray Revenge

- Premise and on-animal fly spray
- Controls Flies, Spiders Fleas, Ticks, & more
- For use on Horses, Beef & Dairy Cattle, Goats, Sheep, Swine, Poultry, and Dogs
- For indoor and outdoor use around the farm

Item #	Active Ingredient	Size	Price
BON46178	Permethrin	1 Quart	\$20.85

No Escape Fly Catch Ribbon Revenge

- Ribbons attract and capture Flies
- Guaranteed not to dry out
- Odorless
- No poison
- EZ Grab Tab unfurls the ribbon cleanly and easily



Item #	Active Ingredient	Size	Price
BON46126	Tape in cardboard	tubes	\$0.34
		Case of 100 tubes	\$25.50

Huge Fly Tape Reel Revenge

- Tape attracts and captures flies
- Use indoors & outdoors
- Contains non-drying glue
- Contains 1 - 400 meter roll



Item #	Description	Price
BON46140	3/8"x1312' Feet	\$42.50

Mini Fly Reel Revenge

- Tape attracts and captures flies
- Use indoors & outdoors vContains non-drying glue
- One reel contains 81 ft. of fly tape
- Easy-to-use

Item #	Description	Price
BON46130	3/8" x 81 Feet	\$9.75

Mounting Hardware for Fly Reels Revenge

- Use in conjunction with Mini and Huge Fly Reel listed above
- Use indoors & outdoors
- Universal mount
- Utilizes pulley configuration Revenge Mounting Bracket for above Tape (Reuse with every new roll of tape)

Item #	Description	Price
BON46160	Mounting Hardware	\$28.50

Horse & Stable Fly Spray Ready-to-Use Revenge

- Kills Horse Flies, Stable Flies, and Face Flies
- Keeps working for up to 4 weeks
- Spray directly on listed animals
- Water-based formula
- Use on Horses, Cattle, Sheep, Goats, Hogs, Poultry, and Dogs

Item #	Active Ingredient	Size	Price
BON46172	Permethrin	1 Quart	\$6.45

Jumbo Fly Catchers Revenge

- 30 ft. of prebaited chartreuse Fly ribbon
- 10 inch wide ribbon
- One sided non-drying glue
- Attracts and catches Flies and other insects
- For stables, farms, barns, patios and more
- Non-toxic and odorless

Item #	Description	Price
BON46220	Wide Fly Catch Roll	\$10.35

Total Release Flea Fogger Revenge

- Fog seeks out bugs where they hide
- Kills Fleas, Ticks, Roaches, Ants, Lice, & other listed insects
- Continues to prevent flea infestations for 7 months
- Use in homes, apartments, dorms, condos, & many more places
- Prevents Fleas from developing into the biting adult stage

Item #	Active Ingredient	Size	Price
BON685	Nylar® IGR+Pyrethrin+ Permethrin+MGK 264	3-6 Ounce Cans	\$18.00

Wasp & Hornet Killer Revenge

- Kills Wasps, Hornets, and Yellow Jackets
- Jet spray shoots 20 feet
- Kills the entire nest
- Dielectric breakdown voltage of 47,300 volts
- Prevents re-nesting

Item #	Active Ingredient	Size	Price
BON631	Tetramethrin+Permethrin+Piperonyl Butoxide	15 Ounce	\$3.75

Fertilizer and Miscellaneous

Dutch Bulb Food Hi-Yield

- Specifically designed to be used with all types of flowering bulbs
- Use at planting time in spring and fall
- Provides necessary nutrients for proper root development and growth of bulbs



Item #	Active Ingredient	Size	Price
VPG21724	7-8-5	4 Pound	\$7.05

Dramm Drammatic® organic

Drammatic® organic is a natural-based liquid fertilizer made with recycled fish scraps that would otherwise fill landfills. It can be applied to the root zone of plants and/or sprayed directly onto leaf surfaces. Use for organic or conventional crops. Ideal for all indoor and outdoor plants.

Item #	Description	Price 4+
DRMOF	Drammatic Fish 2-4-1 gallon OMRI	20.70

Hydrolyzed Fish Fertilizer

- Natural-based source of essential plant nutrients
- Contains micro and macro nutrients naturally found in fish
- Use as little as 1 tsp. per gallon of water
- Deodorized
- Hydrolyzed

Item #	Active Ingredient	Size	Price
BON081	2-4-0	1 Quart	\$11.55

Fast Acting Lime Hi-Yield

- Raises soil PH
- Helps correct acidic soils
- Pelletized for clean & easy application

Item #	Description	Size	Price
VPG32134	Pelletized Limestone	4 Pounds	\$4.80

Fish & Guano Monterey

- A concentrated fertilizer from liquid fish and bird guano
- High analysis fertilizer excellent for house plants and outdoor ornamentals
- Can be applied as a soil drench or foliar spray

Item #	Active Ingredient	Size	Price
MON7265	9-6-2	1 Quart	\$10.50

Liquid Cactus Plant Food

- Specifically formulated for unique needs of Cacti, Aloe, Jade, & other succulents
- Feed every time you water
- Great for tropical plants

Item #	Active Ingredient	Size	Price
BON107	2-7-7	8 Ounces	\$4.50

Liquid Plant Food

- Specifically formulated for unique needs of houseplants
- Feed every time you water
- Promotes lush healthy plants
- Ideal for houseplants



Item #	Active Ingredient	Size	Price
BON108	10-10-10	8 Ounces	\$4.50

Orchid Liquid Plant Food Espoma

- Bloom Booster for all Orchids
- All natural & organic
- Mix with water & feed instantly
- Beneficial microbes ensure superior results



Item #	Active Ingredient	Size	Price
ESP131-08	1-3-1	8 oz.	\$6.30

Liquid Iron

- Promotes vigorous growth and dark green turf
- Corrects & prevents plant yellowing
- For use on lawns, ornamentals, trees, & shrubs
- Can be used as a foliar spray or drench
- Micronutrients are immediately available to plants



Item #	Active Ingredient	Size	Price
BON299	Iron & Micro Nutrients	1 Quart	\$16.05

Rot-Stop

- Helps prevent blossom end rot caused by calcium deficiencies
- Also for use on cucumbers, melons, & peppers
- Helps correct calcium deficiencies
- Apply after heavy periods of rain or rapid growth



Item #	Active Ingredient	Size	Price
BON166	Calcium	1 Pint	\$16.20

Aluminum Sulfate Hi-Yield

- Ideal for use on Azaleas, Camellias, Rhododendrons, Gardenias, Holly, Etc.
- Maintains or changes color of white or pink Hydrangeas to blue
- Helps create an acidic (low ph) soil condition

Item #	Active Ingredient	Size	Price
VPG34175	Alumin Sulfate	3.25 Pounds	\$7.80

Hydrated Lime

Item #	Active Ingredient	Size	Price
BON978	Hydrated Lime	5 Pounds	\$10.50

Turbo Spreader Sticker

- Wetting, penetrating, adhering agent
- Spreader supercharges product performance for your lawn and garden
- Non-ionic
- For better distribution and adhesion
- Helps your product stick to the leaf

Item #	Active Ingredient	Size	Price
BON097	Alcohol ethoxylate, alkylphenol ethoxylate	8 Ounce	\$6.75

Garden Hose End Auto Mix

- Use with insecticides, fungicides, herbicides, and fertilizers
- Easy on/off switch
- Insulated full grip
- Wide mouth jar
- Save unused concentrate easily
- Connects directly to Bonide pt./qt. concentrate bottles

Item #	Description	Price
BON051	Auto Mix Sprayer	\$17.25



Pruning Sealer

- Provides protective seal for pruned or damaged trees
- Contains an antiseptic and sealant
- Won't burn or run
- Also can be used on shrubs and roses
- Use for waterproofing planting pots & boxes

Item #	Active Ingredient	Size	Price
BON221	Aerosol Antiseptic + Sealant	14 Ounce	\$9.45
BON225	Brush Top Antiseptic + Sealant	1 Pint	\$9.45

Measuring Cup

- Perfect tool for measuring and mixing pesticides
- Contains teaspoon, tablespoon, and ounce measurements
- Use this device rather than kitchen utensils
- No spilling or miscalculating

Item #	Description	Price
BON050	Measuring Cup 4 Ounce Capacity	\$1.35

Root & Grow 4-10-3

- Fertilizer that stimulate root growth, promoting green and healthy plants
- Contains IBA root stimulator
- Ideal for transplants
- Helps reduce shock
- Promotes vigorous plant growth

Item #	Description	Size	Price
BON412	4-10-3+Indole-3-Butyric Acid	Quart	\$8.85

Rooting Powder

- Promotes root development with transplantings/cuttings
- Speeds root development
- Simply cut, dip and plant
- Ideal for transplants & root cuttings
- Easy to use



Item #	Active Ingredient	Size	Price
BON925	Indole-3-Butyric Acid	1.25 oz	\$4.50

Tomato & Blossom Set Spray Ready-to-Use

- Promotes blossom and flowering on fruits and vegetables
- For larger, fruits and vegetables
- Promotes fruits to "set"
- Spray blossoms and adjacent foliage for effective results

Item #	Description	Size	Price
BON5446	4-10-3+Indole-3-Butyric Acid	Quart	\$7.95

BEETLE BAGGER® Japanese Beetle Trap Kit

- Complete kit contains everything needed to capture Japanese Beetles
- Traps can be used all season long
- Each kit contains: 1 trap, 1 dual lure, & 2 collection bags
- Contains floral attractant and pheromone lures

Item #	Active Ingredient	Size	Price
BON197	Floral + Pheromone Lure		\$16.20

Bug Beater® Stink Bug Trap Kit

- Attracts & traps Stink Bugs
- Lasts up to 4 weeks
- Odorless
- Can be used both indoors and outdoors
- Protects up to 50 feet away
- Each kit contains 3 traps, 1 lure, 3 twist ties

Item #	Description	Size	Price
BON198	Pheromone Lure		\$16.80

Rose Tone® Rose & Flower Food Espoma

- All Natural
- Long Lasting
- Ideal for roses and other flowering plants
- For Organic Gardening

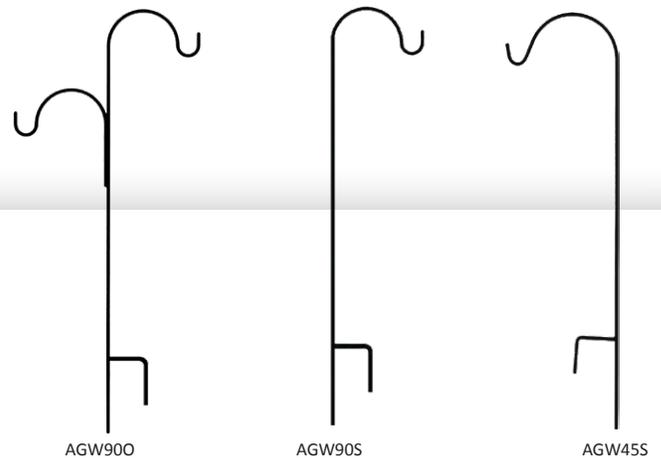
Item #	Description	Size	Price
ESP432-08	4-3-2	8 Pounds	\$4.80

Go Away! Deer & Rabbit Repellent Granules

- Repels more than a dozen different wild animal species
- People & Pet Safe, when used as directed
- Deer, Rabbits, Raccoons, Squirrels, Skunks, and more
- Made with natural ingredients. Lasts up to 60 days
- Protect lawns, trees, shrubs, gardens

Item #	Active Ingredient	Size	Price
BON227	Whole egg solids, White Pepper, Cloves, Garlic Oil	3 Pounds	\$17.25

Sheppard Hooks



Sturdy hanging basket or bird feeder hangers. Round metal "rods" with powder coated finish. Square are square "rods" with powder coated finish. Square is also quite a bit heavier.

Item #	Description	Price
AGW45S	Black Shepard Hook 48" Single Hook	\$10.50
AGW65S	Black Shepard Hook 64" Single Hook	\$20.50
AGW900	Black Shepard Hook 84" Double Offset Hooks	\$26.00
AGW90S	Black Shepard Hook 84" Single Hook	\$22.00
AGW90F	Bronze Square Shepard Hook 90" Single Hook with Finial	\$46.50
AGW90FBL	Black Square Shepard Hook 90" Single Hook with Finial	\$46.50



Model 2670 RAISED BED Mulch Layer

Model 2670 lays plastic mulch 3 Ft., 4 Ft., or 5 Ft. wide. Has bed height adjustment 5" to 9" high bed. Also extra large press wheels, and UHMW poly lined bed press with adjustment bed width. Min. 80 HP Tractor. Now quick hitch compatible.



Item #	Description	Price
2670A	Model 2670 with Auto RO-TRAK, 2050 Lb. Shipping Weight	\$6550.00
2670M	Model 2670 with Manual RO-TRAK, 1800 Lb. Shipping Weight	\$5900.00
2670-3ROW	Three row machine with flex hitch tool bar and manual row markers	\$20,950.00
2670BO	Bedder only, forms 4" to 8" high bed and 20" to 44" wide bed	\$4100.00
3ROW-TBO	18' x 6" x 6" Tool Bar ONLY for three row machines	\$3700.00

Optional Attachments For Model 2670

Item #	Description	Price
142	Center of bed fillers with shear bolt	\$195.00
DRIP1	Drip irrigation attachment, with roll brake For stainless steel down pipe, add \$59.00	\$320.00
DRIP2	Double drip irrigation attachment for two drip lines in one bed.	\$490.00
HYDD-6	Hydraulic Cover Disk Adjustment	\$1250.00
2670CPP	Crowned raised bed	\$125.00
FH-GD-2670	Stainless Steel Dry Fertilizer Attachment, Ground drive with speed selection	\$2100.00
FH-HYD	Stainless Steel Dry Fertilizer Attachment, Hydraulic for three row machines	\$1700.00
604C	Manual row markers for 3 row machine	\$485.00
2670FA	Fumigation attachment; for weed control	\$710.00

Model 2570 RAISED BED Mulch Layer

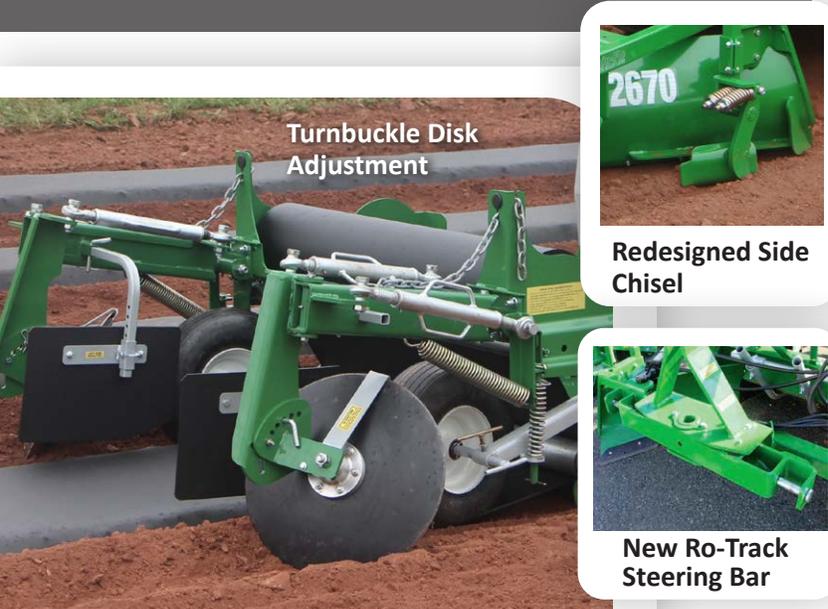
Model 2570 lays plastic mulch 3 Ft. or 4 Ft. wide. Has adjustable bed height from 3" to 7". Bed press is UHMW poly lined for smooth firm bed. Min. 70 HP Tractor. Now quick hitch compatible.



Item #	Description	Price
2570A	Model 2570 with Auto RO-TRAK, 1900 Lb. Shipping weight	\$6000.00
2570M	Model 2570 with Manual RO-TRAK, 1625 Lb. Shipping weight	\$5350.00
2570-3ROW	Three row machine with flex hitch tool bar and manual row markers	\$19300.00
2550BO	Bedder only, forms 3" to 7" high bed and 20" to 34" wide bed	\$3500.00
3ROW-TBO	18' x 6" x 6" Tool Bar ONLY for three row machines	\$3700.00

Optional Attachments For Model 2570

Item #	Description	Price
2-142	Center of bed fillers with shear bolt set	\$195.00
DRIP1	Drip irrigation attachment, with roll brake, For stainless steel down pipe, add \$59.00	\$320.00
DRIP2	Double drip irrigation attachment for two drip lines in one bed.	\$490.00
HYDD-5	Hydraulic Cover Disk Adjustment	\$1250.00
2570CPP	Crowned raised bed	\$125.00
FH-GD-2570	Stainless Steel Dry Fertilizer Attachment, Ground drive with speed selection	\$2100.00
FH-HYD	Stainless Steel Dry Fertilizer Attachment, Hydraulic for three row machines	\$1700.00
604C	Manual row markers for 3 row machines	\$485.00
2570FA	Fumigation attachment; for weed control	\$710.00



Turnbuckle Disk Adjustment



Redesigned Side Chisel



New Ro-Track Steering Bar



HYDD-6

Hydraulic Disk Adjustment



Model 2470 Raised Bed Plastic Mulch Layer

Model 2470 lays 4ft. wide plastic and has an adjustable 3" to 5" bed height. This machine requires 40-hp and 4-wheel drive with category I and II, 3-point hitch. Includes 50 gal. water tank to add weight for firmer pressed bed.

Item #	Description	Price
2470	Model 2470 Mini Layer 1230 Lb. Shipping weight	\$3875.00

Optional Attachments For Model 2470

Item #	Description	Price
2470DRIP1	Drip irrigation attachment.	\$320.00
2470DRIP2	Double drip irrigation attachment	\$490.00
718S	Stainless Steel Down Pipe Upgrade	\$59.00
775S	Center of bed fillers with shear bolt	\$110.00
QH2470	Quick Hitch Attachment	\$155.00



*Three row machines available

Various Subsurface Drip Applicators Available



Model 2370 Flat Bed Mulch Layer

Model 2370 lays 3 Ft., 4 Ft., or 5 Ft. wide plastic. This machine has a leveling blade that will float independently, and does not push too much soil, resulting in a firm bed. Big tires hold the plastic firmly in the trench.

Approx. Tractor sizes 35-60 HP FWD

Item #	Description	Price
2370	Model 2370 machine, 1075 Lb. shipping weight	\$2950.00
3453ROW	3 row machine with flex hitch tool bar	\$12,800.00

Optional Attachments For Model 2370

Item #	Description	Price
345DRIP1	Drip Irrigation attachment	\$320.00
345DRIP2	Double drip irrigation attachment	\$495.00
518S	Stainless steel down pipe	\$59.00
580	Depth wheels to lay clear plastic over sweet corn	\$245.00
604C	Manual Row Markers for 3-row machine	\$485.00



Model 480 Plastic Mulch Layer

* Heavy built machine for large acreage * Adjustable crowned or flat bed top * Automatically starts plastic film * New moldboards minimize hollow beds * Manual plastic & drip tape cutters * New concept for better coverage * On the go plastic roll change * Shorter, more compact overall * On the go cover disks adjustment * Lays 48" plastic only • 60" row centers, 80 hp FWD Minimum • Adjustable bed height; 4" or 8" • Category II, 3-point hitch • Replaceable, reversible plow share blades • UHMW (replaceable) poly lined bed press. Now quick hitch compatible.

Item #	Description	Price
480A	With RO-TRACK 2600Lb. Shipping Weight	\$8050.00

Optional Attachments For Model 480

Item #	Description	Price
480 DRIP1	Single drip irrigation attachment	\$320.00
480 DRIP2	Double drip irrigation attachment	\$490
HYDD-4	Hydraulic cover disk adjustment	\$1250.00

OPTIONS

For Model 2670 and 2570 Plastic Mulch Layers

Automatic RO-TRAK



RO-TRAK Sensor

What is "RO-TRAK?"

"Ro-Trak" is a steering correction for the Model 2670, 2570, and 480 raised bed plastic mulch layers. "Ro-Trak: electronically senses when the tractor shifts and hydraulically makes adjustments to keep the machine on track.



Fumigating Attachment

Includes:

- Two or three fumigating knives mounted on front
- Tank holders for two fumigation tanks and one nitrogen tank
- Mounts on Model 2670 and 2570
- **Note:** Operator seat mounts to side

Stainless Steel Dry Fertilizer Hopper



Drive wheel and gear box

- Approximate 400 pound capacity
- Ground drive for consistent fertilizer flow
- Speed selection on fertilizer discharge auger



Front view of fertilizer hopper

- 25 different speed selections
- Side mounted operator seat
- Available on Model 2670 and 2570



Model 1670 Water Wheel Planter

Like many growers discovered, there is a difference in waterwheel planters! The Model 1670 Water Wheel Planter can plant up to 4 rows at a time. It will carry 18 trays; or with top rack 25 trays. It has two 80 gallon water tanks and quick change water wheel setup. Plants through 60" row centers. Approx tractor size 50-70 HP FWD

Item #	Description	Price
1670	3-Point Planter With 1 Planting Wheel, 1100 LB. Shipping Weight	\$3175.00
1670T	3-Point & Trailer Combination With 1 Planting Wheel, 1200 LB ship wt	\$3600.00

Optional Attachments For Model 1670

Item #	Description	Price
390	Top tray behind tank	\$135.00
390B	Wider Racks For Styrofoam Trays	\$215.00
379C	Side ladder to fill tank	\$95.00
340B	3rd or 4th seat with double tray shelf, each	\$335.00
327A	3rd & 4th wheel Plumbing	\$65.00
QFILL3	Optional Quick Fill	\$260.00
384A	Trailer Hitch Upgrade for 3-Point Planter	\$450.00

*Call for more information on three row planters.

Clear view to plastic row!



*Three row machines available



Model 1270 Water Wheel Plant

The compact Model 1270 Water Wheel Planter, Cat I/Cat II, can plant 2 rows at a time. It will carry 10 trays; or with top rack 15 trays. It has two 50 gallon water tanks (total 100 gallons) for better visibility. It features a quick change water wheel setup and adjustable seats on the go. Plants through 62" row centers. Approx tractor size 35-60 HP FWD

Item #	Description	Price
1270	3-Point Planter With One Planting Wheel. 675 LB	\$2650.00
1200T	3-Point & Trailer Combination W/ 1 Planting Wheel. 750 LB.	\$2925.00

Optional Attachments For Model 1270

Item #	Description	Price
TT1270	Top tray between tanks	\$135.00
850C	Trailer Hitch Upgrade for 3-Point Planter	\$325.00



Challenger 1800 Mulch Lifter

Model 1800 will lift plastic from 3 ft to 5 ft. wide with fast and easy adjustments. This machine has a heavy duty 4" x 4" sq. tubing frame. Requires, minimum 55 HP. Category II 3-point hitch. Approx tractor size 55-100 HP FWD



Automatic Reset

Item #	Description	Price
1800	Model 1800 standard shear bolt, 850 LB.	\$2550.00
1800A	1800 Automatic Spring Loaded Reset, 1095 LB	\$3400.00
460	Replacement plow shears, Left and Right	\$75.00
430	Replacement disk blades and bolts	\$27.00
459	Replacement Side Disk Hub With Bolts	\$75.00
464	Replacement wheel, tire, and bearings	\$70.00

Frost Protection

These non-woven, polypropylene fabrics are soft, easy to handle, UV stable, and porous to air, light and water. A management tool to prevent losses from adverse weather and to provide an earlier harvest or extended harvest in the fall. Clear or green plastic mulch is recommended underneath floating row cover for early spring planting, since they put more heat into the soil through the daytime which keeps the temperature from dropping as rapidly after dark.



Seams are sewn for strength and durability.

Shipping Note:

*Indicates sizes that can ship UPS/Fedex.

DeWitt Floating Row Cover, 0.55 Oz/Sq Yd

Our lightest weight cover but 10% heavier than most competitors. Highest light transmission for optimal spring growth. 85% Light Transmission • Protects to 30°-31°F

Item #	Size	Weight	1-3 Rolls	4+
D0506005	6' x 50' *	lb.	\$9.75	
D0506250	6' x 250' *	lb.	\$26.50	
D050702	7' x 250'*	lb.	\$31.25	
D050705	7' x 500' *	24 lb.	\$59.00	\$57.00
D05071	7' x 1000' *	37 lb.	\$112.00	\$108.00
D051005	10' x 500' *	31 lb.	\$84.00	\$81.00
D051205	12' x 500' *	lb.	\$118	
D0512	12' x 1000' *	55 lb.	\$206.00	\$200.00
D05141	14' x 1000'	64 lb.	\$233.00	\$225.00
D05201	20' x 1000'	87 lb.	\$424.00	\$410.00
D0524	24' x 1000'	103 lb.	\$548.00	\$532.00
D05301	30' x 1000'	131 lb.	\$632.00	\$610.00
D0536	36' x 1000'	160 lb.	\$718.00	\$696.00
D05401	40' x 1000'	188 lb.	\$838.00	\$810.00
D055005	50' x 500'	108 lb	\$556.00	\$540.00
D0550	50x1000'		\$1104	



Pre-arched Wire Hoops

Heavy duty wire hoops made from 3/16" high-tensile steel wire. Precut and pre-arched. Call for price on full skid of 30 bundles.

Item #	Description	1-9 Bdl	10+
WH 64	64" Wire Hoops, 100/bundle	\$58.00	\$56.00
WH 76	76" Wire Hoops, 100/bundle	\$67.00	\$65.00

Spring Steel Hoops

Standard spring steel hoop for use with mechanical tunnel layer. Shipping weight: 21 lbs/bundle. Full crate = 5000 pieces.

Item #	Description	1-9 Bdl	10-49	50+
WH 640	64" Spring Steel, 100/bdl	\$39.00	\$36.00	\$33.00

Perforated Row Cover

This film keeps a very hot environment in early spring, acting as a mini greenhouse. 3/8" Dia. holes provide a method of venting. 1.1 mil smooth plastic. Note: White is cooler than clear.

Item #	Description	1-9 rolls	10+
CPC62	6' x 2,000' Clear Perforated	\$129.00	\$126.00
CPC6W	6' x 2,000' White Perforated	\$139.00	\$135.00



DeWitt Floating Row Cover, 1 Oz/Sq Yd

This DeluxePlus row cover is close to twice as heavy as the 0.55 oz, for almost twice the frost protection. Good for strawberries and to extend fall harvests. Can usually be used for two seasons. 70% Light Transmission • Protects to 28°-30°F

Item #	Size	Weight	1-3 Rolls	4+
D10061	6' x 1000' *	48 lb.	\$193.00	\$188.00
D100701	7 x 100 *		\$35.75	
D100702	7 x 250 *		\$64.00	
D100705	7' x 500' *	26 lb.	\$115.00	\$112.00
D10078	7' x 800' *	44 lb.	\$174.50	\$170.00
D10071	7' x 1000' *	52 lb.	\$207.00	\$200.00
D10072	7x2000'		\$414	
D1010	10' x 500' *	37 lb.	\$154.50	\$150.00
D10121	12' x 1000' *	90 lb.	\$445.00	\$435.00
D10141	14x100'		\$66	
D101405	14' x 500' *	53 lb.	\$270.00	\$263.00
D10141	14' x 1000' *	102 lb.	\$531.00	\$515.00
D1020	20' x 1000'	143 lb.	\$668.00	\$650.00
D1024	24x1000'		\$864	
D1027	27' x 800'	155 lb.	\$780.00	\$755.00
D1030	30' x 1000'	214 lb.	\$1115.00	\$1095.00
D1036	36x1000'		\$1286	
D1039	39' x 800'	222 lb.	\$1015.00	\$985.00
D1040	40x1000'		\$1386	
D10500	50' x 500'	177 lb.	\$895.00	\$870.00
D1050	50x1000'		\$1733	

DeWitt Floating Row Cover, 1.5 Oz/Sq Yd

50% Light Transmission • Protects to 27°-28°F

Item #	Size	Weight	1-3 Rolls	4+
D1506	6' x 500' *	36 lb.	\$162.00	\$157.00
D1507	7x500'*	\$176		
D151202	12x250' *	34 lb	\$165.00	\$160.00
D1512	12x500'*	\$318		
D1510	10x500'*	\$255		
D1514	14x500'	82 lb	\$415.00	\$403.00
D1524	24x500'	135 lb	\$688.00	\$667.00
D1536	36x500'	\$1011		
D1550	50x500'	\$1347		

White Thermal Blanket, Frost Protection

A white, non-woven needle punched polypropylene fabric. Provides 10° + frost protection, but transmits little light, mostly used to overwinter or cover dormant nursery stock. 2.5 oz./sq.yd.

Item #	Description	1-24
WFB06	White Thermal Blanket, 6' x 250'	\$193.00
WFB12	White Thermal Blanket, 12' x 250'	\$368.00
WFB15	White Thermal Blanket, 15' x 250'	\$450.00



Black Anchor Bags, UV Treated

These anchor bags can be filled with sand, dirt or gravel and used to secure row cover. To close plastic bags, use cable ties (page 8) or wire ties (page 28).

Item #	Description	Price
ACB1224	12" x 24" 6 mil Plastic, 250/cs.	\$97.50 = 0.39 ea.
ACB1426	14" x 26" Woven Black Polypropylene with tie string	50/Pack \$17.50 1000/Case \$330.00

ProtekNet™ Insect Netting

Pest and insect control netting for fruits and vegetables. Also protects crops against weather damage. No thermal effect (unlike crop cover).



25 gram 0.35 mm white synthetic fiber.

89% light transmission. Very pliable, great for row crops. Life expectancy: 1-2 years.

Protects against: Aphids, Armyworm, Brown Stink Bug, Cabbage Root Fly, Carrot Rust Fly, Chrysomelid, Corn Borer, Mite (not 100%), Flea Beetles, Leafhopper, Leek Moth, Nymph, Onion Maggot, Sawfly, Seedcorn, Spotted Wing Drosophila, Squash Bug, Swede Midge (not 100%), Tarnished Plant Bug, Thrips (not 100%).

Item #	Description	Price	Ship Via	Weight
PN252100	83" x 328' 25 Gram	\$300.00	UPS	14 Lbs.
PN252250	83" x 820' 25 Gram	\$690.00	UPS	30 Lbs.
PN253250	10' x 820' 25 Gram	\$970.00	UPS	43 Lbs.
PN254100	14' x 328' 25 Gram	\$530.00	UPS	26 Lbs.
PN254250	14' x 820' 25 Gram	\$1300.00	UPS	60 Lbs.

60 gram 1.9mm x 0.95mm. Clear polyethylene.

93% light transmission. Life span 3-5 yrs. Can be used under greenhouse curtains.

Protects against: Armyworm, Brown Marmorated Stink Bug, Cabbage Root Fly, Chrysomelid, Corn Borer, Onion Maggot, Sawfly, Seedcorn, Spotted Wing Drosophila (not 100%), Squash Bug, Tarnished Plant Bug.

Item #	Description	Price	Ship Via	Weight
PN652	83" x 328' 60 Gram	\$340.00	UPS	32 Lbs.
PN654	14" x 328' 60 Gram	\$670.00	UPS	64 Lbs.

47 gram: Life expectancy 4-5 years and it will control the Flea Beetles & Swede Midge. However not Thrips or Aphids like the 25 gram will, but more durable.

Item #	Description	Price	Ship Via	Weight
PN472100	83" x 328' 47 Gram	\$450.00	UPS	
PN473100	10.5' x 328' 47 Gram	Call	UPS	
PN474	14' x 328' 47 Gram	Call	UPS	

Bird Control Netting

This bird control netting is ideal for crop protection against birds on berries & fruit trees. Flexible high density with 3/4" diamond pattern and 5 year life span.



Green Polyethylene			White Polyethylene		
Item #	Size	Price	Item #	Size	Price
BN15100	16' x 98'	\$110.00	BNW21	21' X 328'	\$300.00
BN30050	32' x 49'	\$110.00	BNW33	33' X 328'	\$450.00
BN30100	32' x 98'	\$210.00	BNW49	49' X 328'	\$650.00

Typar® T-158 Row Cover, 1.25 Oz/Sq Yd

A strong, heavy (1.25 oz./sq. yd.) spunbonded polypropylene frost protection fabric. Seams are sewn for strength and durability. Light transmission: 70%. Frost protection: 5-6"+. Superior strength, lasts for 4+ years. Excellent choice for most crops and seasons, (note it may leave fibers on produce/fruit making it unsuitable for crops that can be easily brushed or washed)

Can be ordered any length and width (note that you will pay for wasted material, so order (5' wide in multiplies of 3), (7.5' wide in multiplies of 2) (seamed width in 22.5' 37.5' or 52.5'). Drop ship from Roanoke Rapids, NC. Allow 3-6 weeks for delivery.

Length	15' wide	30' wide	45' wide	60' wide
50'	\$50.00*	\$99.00*	\$149.00*	\$200.00
100'	\$97.00*	\$196.00*	\$293.00	\$393.00
150'	\$145.00*	\$293.00*	\$463.00	\$587.00
200'	\$192.00*	\$389.00	\$576.00	\$776.00
250'	\$239.00*	\$482.00	\$716.00	\$962.00
300'	\$284.00*	\$569.00	\$851.00	\$1147.00
350'	\$327.00	\$662.00	\$986.00	\$1323.00
400'	\$373.00	\$750.00	\$1120.00	\$1499.00
450'	\$416.00	\$839.00	\$1249.00	\$1675.00
500'	\$458.00	\$923.00	\$1377.00	\$1848.00

* indicates sizes that can ship UPS Ground. Larger sizes and larger orders are shipped truck freight.

Shipping cost is additional from factory in Roanoke Rapids, NC
5% Discount on orders of \$500 or more. Applies to all sizes over \$500, or multiple pcs. Sizes can be mixed matched.



Bird Scare Balloons

Elevate at least two feet above your crop and rotate colors for best results

Length	Description	Price	10+
BC-11	Bird Scare Balloon, White	\$8.05	\$7.25
BC-12	Bird Scare Balloon, Yellow	\$8.05	\$7.25
BC-10	Bird Scare Balloon, Black	\$8.05	\$7.25
tBC-0	3 Pack, 1 each of White, Yellow, & Black	\$21.00	—

Bird Scare Tape

Deters birds with flashy appearance and noisy crackle.



Length	Description	Price	5+
BC-5012	Bird Scare Tape, 1 1/4" x 290' Roll	\$7.50	\$6.95



Great Horned Owl Scare Crow

Scares birds and small pests. Adds charm to any garden. Provides safe and humane pest control. Hand painted in Tennessee! Our patented natural enemy scarecrow owl is extremely lifelike. Hand painted, so every detail mimics the presence of a real bird of prey, to provide effective and safe pest dissuasion that does not harm wildlife.

- Topped with a resistant coat to make it more durable.
- Not just a scarecrow: if you are an owl lover, you will be thrilled with our realistic great horned rendering. It is the perfect garden ornament.
- Lifelike design: made and hand painted in the USA!



Item #	Description	Price
BC 200	Scare Crow Great Horned Owl	\$18.65
BC 201	Scare Crow Great Horned Owl Rotating Head moves in the breeze	\$27.30

Bird Netting

We cut to length for you.



Item #	Description	Price	
		Per Ft.	Per Bundle
AVG281500	AviGard Flex Diamond Mesh Net Premium Medium Gauge 28' x 1,500'	\$0.60	\$768.00
AVG171000	AviGard Flex Diamond Mesh Net-Super Premium Heavy Gauge 17' x 1,000'	\$0.75	\$660.00
Avg17500EF	AviGard Easy Fit Square Mesh Net-Super Premium Heavy Gauge 17' x 500' (Bag)	\$1.05	\$450.00

ZON Automatic Scarecrow LP Gas Cannons

EL08 ELECTRONIC SCARE GUN: Almost no moving parts. The EL08 includes a 24hr timer that can be programmed with multiple on/of periods and blast intervals can be set for 1- 60 minutes or at random intervals. Uses 12V battery (sold separately). Includes regulator to install on propane tank (tank not included).

MARK 4 SCARE GUN: Mechanical cannon. Precise valve for regulation of gas flow to time detonations (5 to 30 min.) Standard with regulator to install on propane tank (tank not included).

ZON TIMER: The Zon cannon timer automatically starts and stops operation of the propane cannon each day at your specified time (1 on/off period per day). One AA battery will power the Zon timer for an entire season. Timer connects to gas hose between cannon and propane tank. Enclosed in weatherproof case.

ROTATING TRIPOD — 4' High: Allows scare gun to rotate 50-70 degrees with each detonation. Tripod is highly recommended as it allows the detonation to go in a different direction each time the gun fires. Therefore noise will cover a larger area.

TRIPOD EXTENSION KIT: Extends tripod 2' higher.

Item #	Description	Price
ZON200	EL08 Electronic Scare Gun	\$390.00
SUP67	12V Rechargeable Battery for EL08	\$42.00
ZON100	Mark 4 Scare Gun	\$265.00
ZON1080	Zon Timer for Mark 4 Scare Gun	\$103.00
ZON209	Tripod for EL08 Scare Gun	\$140.00
ZON109	Tripod for Mark 4 Scare Gun	\$122.00
ZON1090	Tripod Extension Kit	\$30.50



ZON100 on ZON109 tripod, showing ZON1080 timer

Tomato Stakes



Sharpened Honduras Pine Stakes

Our most popular stake for conventional growers. Pressure-treated, rot-resistant wood. Sharpened. Sold in packs of 25

Item #	Description	Price Each	1400/Skid
TS 148	1" x 1" x 48"	\$1.16	\$1.13
TS 154	1" x 1" x 54"	\$1.28	\$1.25
TS 160	1" x 1" x 60"	\$1.40	\$1.37
Item #	Description	25 - 1025	1050+ (1050/Skid)
TS 1725	1 1/4" x 1 1/4" x 72"	\$2.68	\$2.62

Untreated White Oak Stakes

For organic growing. Uniform 1" square, sharpened. Sold in packs of 25

Item #	Description	Price	1050/Skid
TS 448	1" x 1" x 48"	\$0.88	\$0.86
TS 460	1" x 1" x 60"	\$1.05	\$1.03
TS 472	1" x 1" x 72"	\$1.28	\$1.25

Stake Drivers



TSD1



TSD1L

Item #	Description	Price
TSD1	2" ID Pipe, 5/8" handles, 13 Lbs.	\$37.00
TSD1L	HD 2-5/8" ID pipe, 3/4" handle, 17 Lbs.	\$48.00
TSD1H	Hammerhead spring lift assist 1 3/4 ID pipe, 13 1/2 pounds, 15/16" handles *Uses coil springs to lift itself when you pound down on a post	\$84.50

Stake Puller

Lightweight tool to pull wooden stakes.

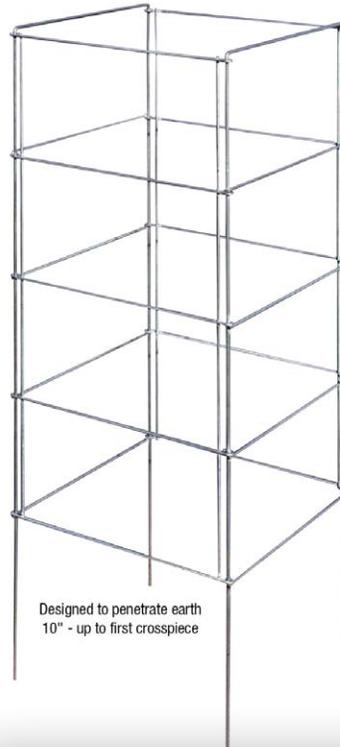


TSL

TSP1

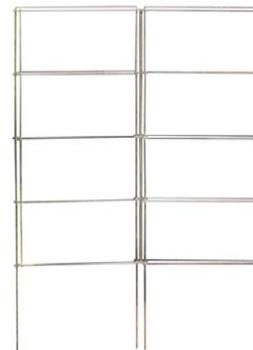
Item #	Description	Price
TSP1	Aluminum, only 4 1/2 lbs	\$95.00
TSL	Steel, 36" high, 13 lbs	\$54.00

Heavy Duty Square Tomato Cage



Designed to penetrate earth 10" - up to first crosspiece

Row cover friendly corners - no ribs



Folds for ease of handling and storage

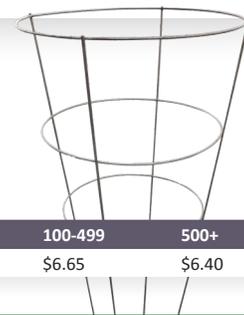


13 1/2" square, all galvanized steel, spot welded. Top corners are rounded, excellent for use with row cover. Folds for ease of handling and storage. Double corner posts for greater strength and stability. Designed to go into soil 10" (up to first cross piece).

Item #	Description	1-99	100-149	150+
TC 13	Standard, 40" high	\$12.10	\$11.70	\$11.25
TC 1356	Tall, 56" high	\$16.40	\$16.00	\$15.80

Round Tomato Cage

Heavy duty round tomato cage with 4 legs and 3 rings, 36" high. Top ring diameter: 16" Bottom ring diameter: 13" Compact: Stack of 25 cages is approximately 6' tall.



Item #	Description	1-99	100-499	500+
TC 36	Round Tomato Cage	\$7.15	\$6.65	\$6.40

Tomato Twine

Quality #3200 white twine.
Box has a belt loop.



Item #	Description	1-17	18+
TW 3	Tomato Twine, 3 lb., 9600' roll	\$7.50	\$6.50
TW31	Tomato Twine, 3 lb., 6300' roll	\$7.50	\$6.50

HD Winmore Tying Twine

Heavy duty white/blue twine. Use in greenhouse or field.



Item #	Description	1-5	6+
TW 75	Tomato Twine, 7.5 lb., 6,500' roll	\$25.00	\$24.00

Black Vine Clips

These are used when growing tall plants, or vine crops to clip the plant to a string or trellis support wire. They are primarily used by tomato, cucumber and pepper growers. UV Stabilized.



Item #	Description	Price
PVC008	Black vine clips, box/1000	\$17.00
PVC0087	Black vine clips, case/10,000	\$110.00

Tomato Trellising Aid

This 2 foot piece of pvc pipe with UHMW bushings, is a great time and back saver. Keep tension on twine with one gloved hand while other hand guides this tool under foliage and around stakes without the need of bending or stopping at each stake.

Item #	Description	Price
TWA	Tomato Trellising Aid	\$12.00

Crop Netting

Climbing plants such as gourds, cucumbers, peas, beans, etc. attach themselves easily to the 6x6 mesh and can grow freely. Allowing higher crop yields per square foot and easier cultivation. More air movement in vines results in less disease.



Item #	Description	Price
CNT36L	36" x 3280'	\$162.50
CNT36S	36" x 328'	\$26.95
CNT42L	42" x 3280'	\$185.25
CNT42S	42" x 328'	\$34.10
CNT48L	48" x 3280'	\$231.75
CNT48S	48" x 328'	\$36.85
CNT59L	59" x 3280'	\$250.80
CNT59S	59" x 328'	\$48.35
CNT67L	67" x 3280'	\$345.55
CNT67S	67" x 328'	\$43.90
CNT79L	79" x 3280'	\$360.40
CNT79S	79" x 328'	\$47.25

Paskal

greenhouse solutions

Greenhouse Tomato Trellising Hooks

For trellising greenhouse tomatoes and cucumbers, etc.

- Hang on wire or cable or use S-hooks to hang from pipe.
- Wire hook releases approximately 7" of twine each time they are turned over.

Bare Twine Hook: Load your own using HD Twine TW-75

Loaded Twine Hook: includes 30 ft. of UV-resistant white twine prewrapped on the hook and 10 ft. loose, so it can free-fall out of the case to speed installation.

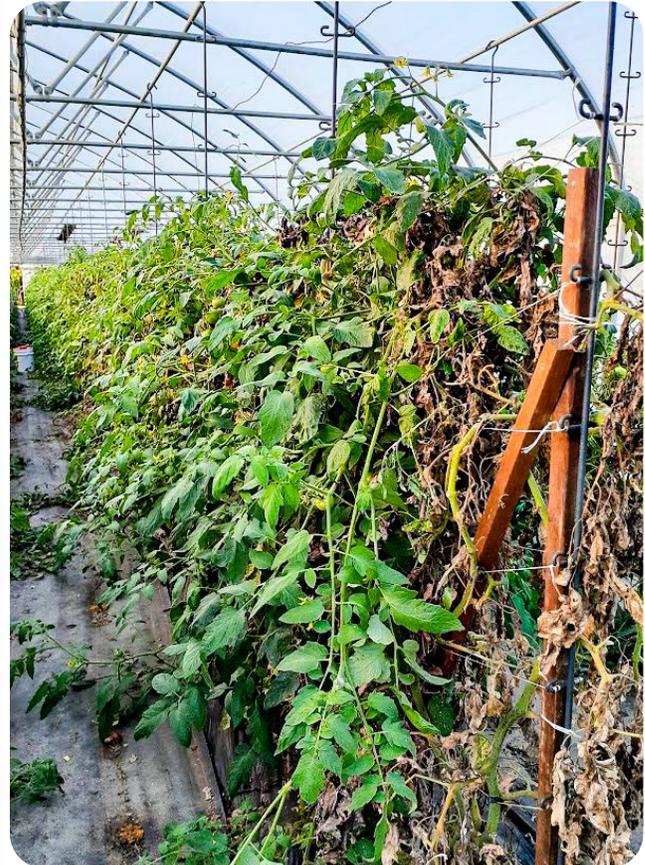
Item #	Description	Each	Case
GTSH	Bare Twine Hook, use HD twine	\$0.18	Case of 984 \$127.92 = \$0.13 ea
GTSHTW	Twine Hook loaded W/40' twine	\$0.42	Case of 420 \$134.40 = \$0.32 ea

Greenhouse Tomato Trellis, Galvanized Steel

Tired of trying to extend tomato stakes when your plants out grow them? This is a labor-saving device to trellis greenhouse tomatoes. Designed with determinate tomato plants in mind, especially grafted plants or varieties that grow to tall for tomato stakes. Will only work with greenhouses that have crossties on each arch.

To install: Run a purlin pipe the length of the row (over top of the crossties) then hang these trellises between every other plant. Brace first and last trellis (see picture for brace idea). Then install tomato twine as needed to support the growing plants. Installing twine is easy, even once the plants are 5 plus feet tall. Cut as needed to fit structure heights. Taller structures you may need to use short stakes for the first row or two of twine.

Hook fits 1-3/8" OD and smaller pipe.



Item #	Description	Price	50+	200+
GTT098	98" Long, 12 hooks	\$8.90	\$8.50	\$8.20
GTT108	108" Long, 12 hooks	\$9.10	\$8.70	\$8.40



Float Bed- Scaffold Plastic Black

The .4 mil is generally used for tobacco scaffolds. The .6 mil is an all purpose black film used to cover hay, firewood, or basically anything that needs covering.

Item #	Size	Thickness	Price
TB2514	14' X 650'	3 MIL	\$294.00
TB2516	16' X 400'	3 MIL	\$212.90
TB614	14' X 100'	6 MIL	\$94.50
TB616	16' X 100'	6 MIL	\$108.00
TB620	20' X 100'	6 MIL	\$135.00
TB624	24' X 100'	6 MIL	\$162.00
TB628	28' X 100'	6 MIL	\$189.00
TB632	32' X 100'	6 MIL	\$216.00
TB640	40' X 100'	6 MIL	\$233.00

Black Nylon Cable Ties

Item #	Length	Tensile Strength	Max Bundle Diameter	Bag Qty	Price
BCT04	5"	40 Lbs.	1-1/4"	100	\$4.00
BCT08	8"	40 Lbs.	2"	100	\$4.50
BCT11	11"	50 Lbs.	3"	100	\$6.00
BCT14	14"	120 Lbs.	4"	100	\$10.00
BCT18	18"	120 Lbs.	5-1/4"	100	\$10.00

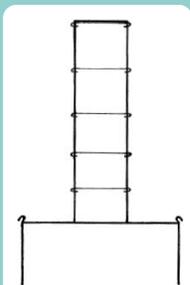


Extreme Weather Black Nylon Cable Ties

Item #	Length	Tensile Strength	Max Bundle Diameter	Bag Qty	Price
BCTW08	8"	120 Lbs.	2"	100	\$29.00
BCTW11	11"	50 Lbs.	3"	100	\$17.00
BCTW14	14"	120 Lbs.	4"	100	\$51.00

HD Tomato Trellis

Supports plants and row cover. Made with 3/8" diameter rods. 8" wide, 37" high, plus 13" long legs and 24" wide at the base. Space 4-5' apart on the row with 2 plants between. Hook twine into hooks to make trellis. Spaces twine so tomatoes are not jammed between the twine like tomato stakes. Heavy Dupont cover with ropes hemmed into edges simply hooks to bottom hooks on frame. Always install top twine before installing cover.



Item #	Description	Price	50+	200+
TC 37	Tomato Trellis	\$9.40	\$9.00	\$8.65
TC 37C	82" x 500' Cover	\$280.00	—	—

Pallet Jack

These pallet jacks have tandem load rollers which greatly reduces the rolling resistance. Built to last. Yellow paint.

Capacity	5,500 lb.
Minimum fork height	3.0"
Maximum fork height	7.7"
Steering wheels	7"d x 2"w
Tandem load rollers	3"d x 2.75" w
Size of forks	6.3" w
Overall width of forks	27"
Length of forks	48"
Weight	162 lbs.
Item #	Price
PJ5500	\$370.00



Ratchet Straps

Heavy Duty wear and weather resistant strapping, 3,333 pound working strength or 12,000 pound breaking strength. Long wide handle for maximum leverage. Yellow 27' long.



Item #	Description	Price
LA025	2" X 27' Ratchet Strap Flat Hook	\$18.99
LA065	2" x 27' Ratchet Strap Wire Hook	\$18.99

Wire Ties & Twister Tool



Item #	Description	Price	5000+
WT 6	6" Plain Steel, Coil of 1000	\$18.00	\$16.20/Roll
WT S6	6" Stainless Steel	\$0.12	\$0.09
WT S8	8" Stainless Steel	\$0.13	\$0.10
WT H	Wire Tie Twister Tool	\$5.20	

Stretch Tie Tape

Sturdy tape expands with growths of plants or trees.



Item #	Description	1-9	10+
TAPTIE	1" Wide x 150' Stretch Tape	\$4.80	\$4.20

Plastic Trellis, Speedy Stake

Supports plants and has holders for ease of twine installation. Designed to trellis peppers. Can be used for double or single row. If planted double row, peppers normally only need support on the outside. That's why these stakes are adjustable up to 13" wide. Also stackable for taller crops like tomatoes and eggplants.



Stacked heights is 48".
28" tall and adjustable in width from 8 1/2" to 13".
Insert 6-8" into the ground.

Item #	Description	Price	34+	204+
TC 28	Speedy Stake	\$7.60	\$7.20	\$6.90

Rubber Bands, Advantage

Premium quality.



Item #	Size	Color	Pcs/Lb.	Typical Use
BAN1R	4½" x 3/16"	Red	280	Cauliflower
BAN1G	4½" x 3/16"	Green	280	Cauliflower
BAN1Y	4½" x 3/16"	Yellow	280	Cauliflower
BAN1B	4½" x 3/16"	Blue	280	Cauliflower
BAN63	3" x ¼"	Red	370	Beets, etc.
BAN62	2½" x ¼"	Red	425	Asparagus, Broccoli, etc.
BAN33	3½" x 1/8"	Red	475	All purpose
BAN32	3" x 1/8"	Red	700	Indian Corn, etc.
BAN30	2" x 1/8"	Red	1,300	Indian Fingers, etc
BAN16	2½ x 1/16"	Red	1,700	Radish, Onions
BAN14	2 x 1/16"	Red	2,200	Radish, etc.
All bands are sold in 1 Lb. Bags			Price (1-24)	Case (25+)
See above for item # and size.			\$4.80	\$4.40

Berigard® Molded Fiber Berry Boxes



Item #	Size	Pcs/Cs	Wt.	1-9	10-29	30+
BBB297	Quarts	297	18 #	\$51.00	\$49.50	\$48.00
BBB420	Pints	420	18 #	\$47.00	\$45.50	\$44.00
BBB300	½ Pints	600	21 #	\$68.00	\$66.00	\$64.00

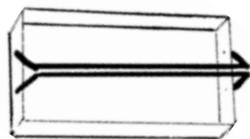
Berry Stackers

For use with berry boxes.

Item #	Description	Price
BBB12	Pint Stackers	\$2.08
BBB8	Quart Stackers	\$2.02

Aluminum Berry Carrier

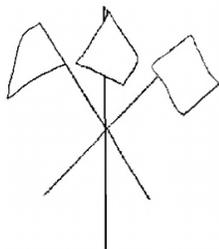
Holds 8 - 1 Quart Boxes. It features twin carrying handles that fold to the side of the tray for easy storage.



Item #	Description	Price
ABC8	Aluminum Berry Carrier	\$34.50

Row Marking Flags

4 x 5" white flag on 30" wire.



Item #	Description	Price
FLG3045W	Marking Flags, 100/Bundle	\$15.00

Single Key Counters

Manual tally counters. Four digit, 0-9999.



Item #	Description	Price
CO-0	Handheld, with Finger Ring	\$11.75
CO-1	Base Mount, secures to any flat surface	\$16.00

Harvest Hand Cart

Picking cart designed to straddle plastic mulch rows and assist in getting crops out of the field. The frame is 62" wide and 48" long. Adjustable heights from 18 to 30".



Item #	Description	Price
HH6248	62 x 48" Harvest Hand Cart	\$885.00

Bostitch Industrial Plier Stapler



Item #	Description	Price
ST-5	Heavy Duty Stapler	\$42.00
ST-5019	3/8" Staples (5000/Box)	\$21.00

Carton Closing Stapler and Staples



Item #	Description	Price
ST-1 C58	1-1/4" Hand Stapler	\$188.00
ST-A3215	1-1/4" Staples Box/2,500, for above stapler	\$16.00
ST-A3515	1-3/8" Staples Box/2,500 (not for C58)	\$15.00

Watermelon Stickers



Item #	Description	1-9	10+
WL-4	Red Seedless 1000/Roll	\$19.50	\$18.00
WL-1	Yellow Seedless 1000/Roll	\$19.50	\$18.00
WL-3	Sangria 1000/Roll	\$19.50	\$18.00
WL-2	Yellow Watermelon 1000/Roll	\$19.50	\$18.00
WL-5	Red Watermelon 1000/Roll	\$19.50	\$18.00

Stretch Film Wrap

Exceptional strength & super stretch retention. Call for 48+ price.

Item #	Description	Wt	1-3 Rolls	4+
SF 18	18" x 1,500' 80 Gauge, 3" Core	10 lbs	\$16.50	\$14.50

Winmore Packing Tape

Good adhesive, even in coolers.

Item #	Description	1-35	36+
TAP020	Clear, 2" x 330'	\$3.65	\$3.30
TAP030T	Tan, 3" x 330'	\$5.50	\$5.00

Picking Baskets

The original picking basket. Long term durability. Smooth rounded edges to prevent fruit and vegetable bruising.



	PC-06	PC-05		
Capacity:	5/8 Bushel	1/2 Bushel		
Diameter (OD):	15.5"	14.5"		
Height:	13.25"	12.25"		
Material:	Polyethylene, UV Stabilized, FDA approved			
Drainage:	Ventilated bottom and sides			
Weight:	Weight: 1.76 Lb.	1.16 Lb.		
Item #	Description	1-99	100-Skid	Skd Qty
PC-06	5/8 Bushel Green Basket	\$8.30	\$7.90	496 call
PC-06N	5/8 Bu solid, No side vents	\$9.35	\$8.95	496 call
PC-05	1/2 Bushel Red Basket	\$7.20	\$6.70	696 call

Metal Basket Handle

(Pictured on red basket below)

This metal basket handle is designed for both 5/8 or 1/2 bushel baskets. Unique design grabs and releases baskets quickly and effortlessly. Carry to comfortably carry baskets out of high tunnels.

Item #	Description	Price
PCH	Metal Basket Handle	\$34.00

HD Picking Basket

Same size as the 5/8 bu. above, but it is heavier duty and has no vents or drain holes. Reduces bruising.



Capacity:	5/8 Bushel			
Diameter (ID):	13.75"			
Height:	13"			
Weight:	2.2 Lb.			
Storage:	Nests for storage			
Drainage:	Solid sides & bottom			
Item #	Description	1-99	100+	300+
PC-065	5/8 Bushel Red Basket	\$11.05	\$10.65	Call

Pik-Aid Cart

A great back saver. No more dragging along heavy baskets with tomatoes, etc. or having mud collect on bottom of baskets.

- Carries up to 30 empty 5/8 bu. baskets or 5 gallon buckets.
- 10" flat-free foam-filled tires.
- Wheel base: 20" width.
- Expanded metal floor.



Item #	Description	1-2	3+
PAC	Pik-Aid Cart	\$145.00	\$140.00

All Purpose Basket, 1.25 Bushel

This all-purpose basket is the original design durable and dependable. Strong flexible UV Stabilized polyethylene. Also known as fish Basket.



Capacity:	1.25 Bushel
Weight:	3.5 Lb.
Dimensions:	D 19.1" x H 17"
Storage:	Nests for storage
Drainage:	Ventilated sides & bottom

Item #	Description	1-24	25-Skid	Skd Qty
PC-125	All Purpose, 1.25 Bushel	\$14.00	\$13.50	174 call
PC-1259	Replacement Handle	\$2.40	—	—

All Purpose Basket, 1 Bushel

- Four handles for easy transfers from one person to the next.
- Handles integrated in the basket allow for tight stacking — (1" stacking height).
- Concave sides for comfortable carrying even when heavily loaded.
- Design allows for tight nesting reducing unused space.
- Flexible polyethylene with UV stability.
- One bushel fill line molded in basket.
- Six baskets interlock to form a single layer on a standard 42" x 48" pallet.



Capacity:	1 Bushel
Dimensions:	L 19.5" x W 16.5" x H 15.5"
Weight:	4 Lb.
Drainage:	Vented sides & bottom

Item #	Description	1-24	25-Skid	Skd Qty
PC-100	All Purpose, 1 Bushel	\$11.85 \$11.40	\$12.90	\$12.40 400 call

MACXace

Decade Products Heavy-duty, easy to sanitize and won't contaminate like wood. Safe for stacking up to 10 high smooth surfaces and rounded corners.



Load Capacity:	1,500 Pounds
Load Volume:	25.4 cu. ft. about 20.4 Bu.
Dimensions (OD):	L48" x W 40" x H 31"
Material:	Polypropylene, UV stabilized, FDA approved
Tare Weight:	74 Pounds
Storage:	3 empty bins nest in the space of 2
Drainage:	Fully ventilated sides and bottom

Item #	Description	1-9	10+
PC-22	MACXace, 20.4 Bu Bin	\$188.00	\$182.00

Wooden Bulk Bin, 20 Bushel

Dimensions (I.D.): 44" long, 38 1/2" wide, 26" deep. Weight: 115 lbs.



Item #	Description	1-9	10+
WBB20	Wooden bulk bins, 20 Bushel	\$68.00	\$66.00

General Purpose

Container, 1.75 Bu. Ideal for harvesting, storing and transporting sweet corn, melons, lettuce and many other fruits and vegetables.



PC-175

Capacity:	1.75 Bushel (75 to 80 Lb.)
Dimensions (OD):	L 23.5" x W 18.5" x H 12.25"
Material:	Polyethylene, UV Stabilized, FDA approved
Weight:	5.6 Lb.
Storage:	(Half turn) Stack to Nest
Drainage:	Ventilated Bottom and Sides

Item #	Description	1-24	25-79	80+
PC-175	Green 1.75 Bu. Container	\$20.50	\$20.00	Call for Price
PC-175R	Red 1.75 Bu. Container	\$20.50	\$20.00	Call for Price

Utility Box, 1.22 Bushel

Ideal for harvesting, transporting and storing small fruits & vegetables.



PC-1251

PC-1250



Capacity:	1.22 Bushel (40 to 45 Lb.)
Dimensions (OD):	L 19" x W 19" x H 10.5"
Material:	Polyethylene, UV Stabilized, FDA approved
Weight:	5.1 Lb.
Storage:	(Quarter turn) Stack to Nest

Item #	Description	1-24	25-71	72+
PC-1250	Blue Box, No Drain Holes	\$17.80	\$17.30	Call for Price
PC-1251	Orange Box, W/Drain Holes	\$17.80	\$17.30	Call for Price

Produce Lug, 2 Bu.

Made from recycled polyethylene. This container has no holes which makes it great for crops that you want to keep moist.



Capacity:	2 Bushel	Storage:	(Half turn) Stack to Nest
Weight:	9 Lb.	Drainage:	Solid Sides & Bottom
Material:	Polyethylene	Dimensions:	L 31.25" x W 18.5" x H 11.5"

Item #	Description	1-24	25-71	72+
PC-200	Produce Lug, 2 Bushel	\$19.75	\$19.25	Call

ShuttleBin™ 330s (Collapsible)

- Polypropylene, UV stabilized
- FDA approved
- 40" x W 48" x H 33" when collapsed.

***Shown is PC-25 w/optional door**



11-5/8" High

Load Capacity:	1,500 Pounds
Load Volume:	27.2 cu. ft. (47,000 in ³) about 21.9 Bu.
Tare Weight:	105 Lbs.

Item #	Description	1-9	8+
PC-25	ShuttleBin, no door	\$245.00	\$237.00
PC-25L	ShuttleBin, w/ door	\$252.00	\$244.00

Harvest Containers



PC-07 & PC-09



PC-08

	PC-08	PC-07	PC-09
Color:	Gray	Yellow	Yellow
Capacity:	7/8 Bu.	7/8 Bu.	1-1/8 Bu.
Length:	24"	23.6"	23.8"
Width:	16.13"	15.7"	17.8"
Height:	7.25"	7"	7.6"
Material:	Polyethylene	High-Density Polyethylene	
Drainage:	Ventilated bottom and 2 sides		
Storage:	(Half turn) Stack to Nest		
Weight:	3.1 Lb.	3.25 Lb.	4 Lb.

Item #	Description	1-24	25-Skd	Skd Qty
PC-08	7/8 Bu. Gray Container	\$13.55	\$13.00	150 Call
PC-07	7/8 Bu. Yellow Container	\$17.95	\$17.40	120 Call
PC-09	1-1/8 Bu. Yellow Container	\$18.05	\$17.60	120 Call

Small Plastic Baskets

Tired of staples in wooden baskets? These baskets are made from UV-treated polyethylene and stack and unstack with ease.



PCL2R

PCL4B

PCL8G

Item #	Volume	Color	Dia.	Height	1-49	50+
PCL2R	¼ Peck (2 Quarts)	Red	6.75"	5.00"	\$2.85	\$2.75
PCL4B	½ Peck (4 Quarts)	Beige	8.75"	5.75"	\$3.95	\$3.80
PCL8G	1 Peck (8 Quarts)	Green	11.5"	6.50"	\$7.00	\$6.85

MacroBin®32NG



Heavy-duty, easy to sanitize & won't contaminate like wood. Safe for stacking up to 8' high. Four-way forklift entrance. Fully vented side walls and base for improved ventilation. Smooth surfaces and rounded corners. New mold, same size as 32FV.

- Load Capacity: 1300 Pounds
- Load Volume: 27.7 cu. ft. (48,000 cu. in.) About 22.3 bu.
- Dimensions (OD): 48"L x 45"W x 30"H
- Material: Polypropylene, UV stabilized, FDA
- Tare Weight: 75 Pounds
- Storage: 3 empty bins nest in the space of 2
- Drainage: Fully ventilated sides and bottom



PC-20

***Not in stock. Order well in advance!**

Item #	Description	Net Price (discounts don't apply)
PC-20	MacroBin® 32NG 1-7	\$168.00 ea. 8+ \$162.00 ea.

Fruit Crate, 5/8 Bu.

New design! Compare to wooden orchard crate. Only 1/3 the weight, more durable, easier to clean and won't contaminate like wood. More secure!

- Capacity: 1/2 Bushel
- Weight 1.9 Lb.
- Material: UV-resistant
- Storage: (Half turn) Stack to nest
- Drainage: Vented Sides & Bottom
- Dimensions: 17" L x 11" W x 8.5" H



Weight:	2.1 Lb.	Dimensions	15.4" L x 13.25" W x 10.5" H
Item #	Description	1-89	90-Skid Skd Qty
PC-058	5/8 Bu Plastic Fruit Crate	\$8.10	\$7.80 306

Hard Bottom Wooden Baskets

Hard (plywood) bottom. Ideal for roadside and store displays where the antique look is preferred.



Item #	Number/Description	1-49	50+
BHB10	1/4 Peck (2 Quarts)	\$2.80	\$2.70
BHB15	1/2 Peck (4 Quarts)	\$3.30	\$3.20
BHB25	1 Peck (8 Quarts)	\$4.60	\$4.50
BHB50	1/2 Bushel (16 Quarts)	\$5.70	\$5.50

Straight Weave Wooden Handle Basket

Item #	Size	Price
BSBSW10	2 Qt. 7-1/2" x 7-1/2" x 4"	\$2.80



Diamond Weave Wooden Handle Basket

Item #	Description	ea.
BDW15	4 Qt 11½x7x3¾	\$3.50
BDW25	8 Qt 14½x8x8	\$5.00
BDW50	16 Qt 18x10x6½	\$5.35



Soft Bottom

Item #	Description	1-49	50+
BSB10	1/4 Peck 2 Qt.	\$3.85	\$3.70
BSB15	1/2 Peck 4 Qt.	\$4.65	\$4.50
BSB25	1 Peck 8 Qt.	\$4.70	\$4.55
BSB50	1/2 Bushel	\$5.00	\$4.80
BSBH50	1/2 Bushel wire handle	\$5.00	\$4.65
BSBH100	1 Bushel wire handle	\$5.30	\$4.95



Plastic Hole Puncher

- Punch holes in plastic at preferred spacing. Fill drum with water, as it needs weight to operate.
- Install 1 - 5 spike rings
- Onions: 4 rings with 6" spacings
- Can be ordered with custom spikes and spaces

Measurements:

24" x 24" drum + pulling handle



Other spacing's and spikes sizes available upon request!

Item #	Description	Price
HPA22	24" Diameter Hole Puncher, No spikes	\$375.00
HPAH48	48" Extension Handle for above	\$26.00
HPS06-100	6" Spacing Ring, 14 spikes at 1 x 2-½" for Onions, Garlic and more	\$130.00
HPS12-125	12" Spacing Ring, 7 spikes at 1-¼ x 2-¾" for Lettuce, Beans, Strawberries and more	\$98.00
HPS18-125	18" Spacing Ring, 5 spikes at 1-¼ x 2-¾"	\$88.00

Berry Containers



Item #	Description	Price	150+
PVB1W	White Gallon plastic pail	\$1.35	\$1.26
PVB1G	Green Gallon plastic pail	\$1.35	\$1.26
PVB1R	Red Gallon plastic pail	\$1.35	\$1.26
BBB250P	Plastic mesh quart 1040/case	\$0.25	\$260.00/Cs
BBB420P	Plastic mesh pint 1200/case	\$0.09	\$110.50/Cs
BBB250W	Wooden square quart 500/case	\$0.69	\$343.00/Cs

Round Bottom Wooden Spool Handle Basket

Item #	Size	Price
BSBWS05	1/8 PECK	\$3.15
BSBWS10	1/4 PECK	\$5.25
BSBWS15	1/2 PECK	\$5.35
BSBWS25	1 PECK	\$5.40



Plastic Clamshells

Item #	Description	Price Ea	Case Price
BBB300C	6 oz. 552 per case	\$0.15	\$78.00
BBB420C	1 pint 480 per case	\$0.15	\$67.60
BBB250C	1 quart 500 per case	\$0.22	\$106.60



Carrying Flats for Clamshells

Holds 32 6 oz clam shells, 16 pint clam shells, 8 quart clam shells

Item #	Price
BBB24	\$1.19

Hardpan Broadfork

Use to break hard pan or to dig potatoes and other root crops. Durable and user friendly, but lightweight design.

Dimensions: Width 24 inches
Handle length 43 inches
5 tines at 10.5 inch length, 6 inches apart.

Item #	Description	Price
MGS24	5 Tine 24" Hardpan Broadfork	\$159.00



RoHand II Picking Assistant

Break production records while lying down on the job!
Solar-charged for endless hours of easy operation!



- Robust speed control for soft start/stop and overheat protection.
- Foot-controlled variable speed and steering keeps both hands free for higher productivity.
- Dual gear motors and cleated drive tires provide torque and traction for the most challenging field conditions.
- Compact lithium Ion battery for years of trouble-free service.
- V fully adjustable operator platform and head support for all-day comfort.
- 4-Wheeled design adds stability and allows easy on/off access from both sides of the machine.
- Storage for up to 7 strawberry flats.
- Roll-down shade for protection from hot sun or rain.

Item #	Description	Price
RH02	Planting, Maintaining & Picking Assistant	\$5,850.00

Stainless Steel Seedbed Roller/Dibbler

This 35" wide seedbed roller is multi-purpose. Works well in preparing a smooth, firm seedbed for direct seeding. The wire mesh pattern breaks up soil clumps and creates small ridges in the soil which helps retain soil moisture. The roller is stainless steel and can be stored outside between uses during the growing season. Using the hitch, it can be hooked behind a tiller, plastic mulch layer or final bed preparation equipment or it can be hand pulled after the seedbed is prepared.

- Has solid rubber tires on heavy duty wheels for transport. Drop the wheels down by lifting the transport handle to the notch in the upright position and the roller is ready for transport.
- Can be used to dibble holes for planting in bare soil or on plastic mulch.
- The stainless steel closed sided dibbles are available in three sizes. They can be used in configurations suited for almost any plant spacing needs. The closed sided dibbles create a perfect hole in well prepared soil. The heavy duty wire on the Seedbed Roller has 1" squares, in which a dibble can be put in any of the 1" increments, except on the rows where the wheel/rim supports are. Plant spacing and patterns sheet available. Use any of the available rows for in row spacing of 4", 6", 8", 9", 12", 18", 24", 36", or 72".
- Note: The spacing will be a fraction of an inch more, depending on the soil condition and the weights on the roller.
- The tool box on top of the roller can be used to store dibbles, or for additional weights.



Item #	Description	Price	48+
SBR35	SS Seedbed Roller/Dibbler	\$1895.00	
SBRD1	Small SS Dibble (98 ct and smaller)	\$6.10	\$5.85
SBRD2	Medium SS Dibble 50-72 ct trays	\$7.40	\$7.10
SBRD3	Large SS Dibble (32-48 ct trays)	\$9.10	\$8.75

3 In 1 Sweetcorn Planters

Plants

2 rows of sweetcorn in furrows. Seed spacing is easily adjustable.

Sprays

Preemerge herbicide on top of seed bed as well as between rows for weed control.

Lays

4' - 5' clear plastic firmly over top of bed ridges and buries both edges with soil. Layer is fully floating and easily removed for plantings later in season.



*Upgrade options available. Call for details.

Model #7050A Includes: below options **Base Price: \$7882**

*7200 Series also available

2 Planter Units	2 Furrow Openers	Mulch Layer	Herbicide System	Nozzles
John Deere 7000 Series row units rebuilt with precision planting finger meters, seed firmers and rubber closing wheels. 22" row spacing standard. Adjustable from 16" to 30"	12" double disc, unit mount, adjust height with pin.	Fully floating frame rides on 4 wheels. Adjustable for 4' to 5' plastic width. All 4 discs are spring cushioned. Punch ventilation holes as plastic is layed. Standard setup is for 5' wide plastic.	25 gallon tank (standard). Covers 1 to 1 1/2 acres (55 gallon tank is optional). PTO driven roller pump, regulator, valve and gauge, 3 fan nozzles under plastic, 2 rear nozzles for coverage between rows.	Teetjet No Drip Nozzle Body with air induction tips for less drift.
Model #7050P Pullytype	Model #7050PE Pullytype with Engine	Model #7050PB Pullytype 12V	Model #7020	
Includes all the above, plus: <ul style="list-style-type: none"> • Operates off 1 hydraulic tractor remote • Tongue with toplink • Screw jack stand • Rubber tires • Rubber contact planter drive wheel 	Includes all the above, plus: <ul style="list-style-type: none"> • GX120 Honda Engine (drives hydraulic pump and roller spray pump) • 2-way valve which operates 2 lift cylinders • Tongue with toplink • Screw jack stand • (2) steel wheels • Rubber contact planter drive wheel 	Includes: <ul style="list-style-type: none"> • 12V hydraulic pump for lift with corded remote • 12V herb spray pump with switch • Battery tray (battery extra) • (2) steel wheels • Otherwise same as P7050P 	<ul style="list-style-type: none"> • Basic 2 row 3 point planter only. No sprayer or layer. Same front end as #7050 	
Model #7050C Base: \$8916	Model #7050E Base: \$10,046	Model #7050B Base: \$9417	Model #7020A Base: \$4282	

*Order in Oct./Nov. to ensure spring delivery! There are only a limited number of machines built per year.

Cover Crop Weed Roller / Hooded Sprayer

24" wide rollers with 28" wide mounted hoods straddle a row of crop on plastic or row crop. Easily adjusted to leave from 12" to 48" centers, hoods also adjust side to side for even more narrow centers.

Twin nozzles under full hood with flexible skirt give full coverage without drifting. Adjustable guides on inside of roller frame funnel cover crop and weeds under roller and/or divert crop.

85 gal. Tank, Cat 1 3pt hookup, PTO mounted roller pump, pressure regulating valve, agitation valve and twin spray monitors complete this proven design.



Item #	Description	Price
CCR	Cover Crop Roller/Sprayer	\$3230.00

Poly Planter Jr. Plants though Plastic

Push planter can be used to plant through plastic mulch or into bare ground. Trippers on each head advance the seed plate to match the spacing. Made from hard durable plastic and weighs less than 25 lb, easy to carry & push. Seeds as small as coated lettuce and as large as lima beans. The plates are limited in sizes but you can fill with auto. body filler, sand and carve/grind out to fit your seed. Can be converted in your shop to different spacings (no. of heads). In addition to listed spacings you can do:

- 4 head = 15" spacing
- 3 head = 20" spacing
- 2 head = 30" spacing

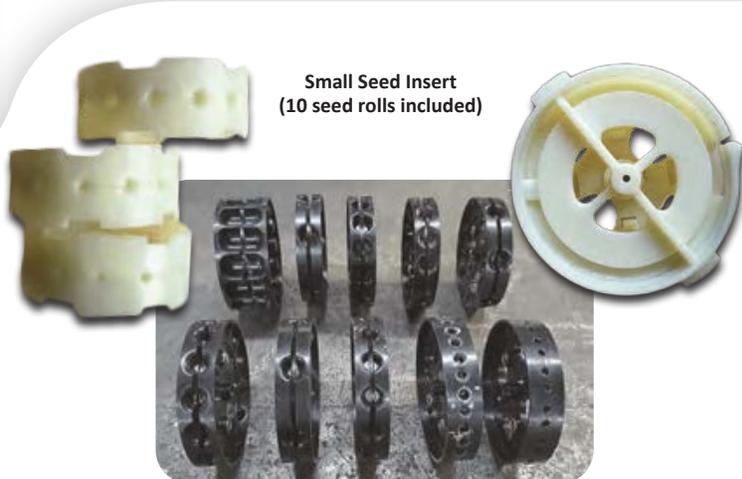


Portable Chicken Coops



Options shown: Water system w/ a 5 gallon bucket mounted on the outside, supplying a Bell Waterer and rollaway nestbox Moving is done quickly by raising the lift handle (approx. 50 lb) on one end which lowers the wheels on the other end via an attached cable. Grazing pens are designed to be portable & lightweight, w/ low peak height to endure windy conditions. A rollup handle on the tarp allows easy access over the side. Constructed of 2" tubing and 1x2" wire, all galvanized. A welded frame with heavy duty poly ties to attach the wire. The cover tarp is 10 oz material, w/10 yr life expectancy.

Item #	Description	Price
ICK0608	6' x 8' Chicken Coop	\$1,135.00
ICK1012	10' x 12' Chicken Coop	\$1,325.00
ICKB(H&W)	Bucket Holder & Bell Waterer	\$120.00
ICKPA	2' x 12' Side Panel (wind protection)	\$58.50
ICKHF	22 lb Hanging Feeder	\$30.00
ICKNB	Roll Away Nest Box	\$289.00



Small Seed Insert
(10 seed rolls included)

Item #	Description	Price
PPJ05	5 head Poly Planter Jr, 11-1/2" spacing	\$585.00
PPJ06	6 head Poly Planter Jr, 9-3/4" spacing	\$590.00
PPJ07	7 head Poly Planter Jr, 8-3/4" spacing	\$607.00
PPJ08	8 head Poly Planter Jr, 7-1/2" spacing	\$615.00
PPJ10	10 head Poly Planter Jr, 6" spacing	\$620.00
PPJ12	12 head Poly Planter Jr, 5" spacing	\$635.00
PPJDC	Depth Control Spacer, use 1 per head	\$3.00
PPJPC	Cucumber Seed Plate, (2 included)	\$9.90
PPJPM	Athena Melon Seed Plate	\$39.00
PPJPL	Pumpkin, Large Seed Plate	\$39.00
PPJPS	Pumpkin, Small Seed Plate	\$39.00
PPLPSS	Small Seed Insert with 3 plates	\$39.00
PPJPZ	Zucchini Seed Plate	\$19.00
PPJS05	No. 5 Spacer plates convert to 5 head	\$27.00
PPJS06	No. 6 Spacer plates convert to 6 head	\$23.00
PPJS07	No. 7 Spacer plates convert to 7 head	\$19.00
PPJS08	No. 8 Spacer plates convert to 8 head	\$18.00
PPJS10	No. 10 Spacer plates convert to 10 head	\$18.00
PPJS02346	10 of No. 6 Spacer convert to 2, 3, 4 or 6 head	\$31.00

This is an easy rolling seeder due to the large wheels & double disk spring loaded furrow openers. Very Precise if you take the time to drill your own plates to match your seeds and spacing.

Hoss Garden Seeder

The most versatile Garden Seeder!

Plate #	Crop	Diameter	Thickness	Spacing
1	Broccoli, Cauliflower, Cabbage, Turnips, Mustard, Rutabaga, Fine Seeds	3/32"	3/32"	2-3/8"
2	Onion, small coated seeds	11/64"	3/32"	3-1/8"
3	Okra, pelleted; Carrots, Lettuce, Chard, Beets	1/4"	3/16"	3-1/8"
4	Small Sweet Corn, Popcorn	1/2"	3/16"	4-3/4"
5	Small Beans and Peas	3/8"	1/4"	3-1/8"
6	Medium Beans, Peas, Large Sweet Corn, Field Corn	9/16"	1/4"	4-3/4"

Blank, Customizable Plates

HS4-1090-3/32" Blank

HS4-1188-3/32" Blank

HS4-1250-3/32" Blank



Templates can be cut out and taped onto the Blank plates for drilling locations

Metal Drill Template HS4-1024

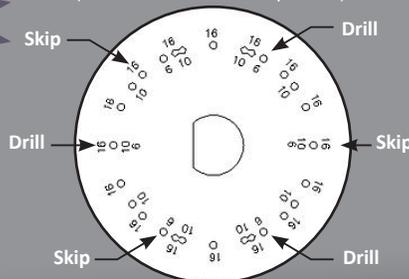
Use to drill custom seed plates. Includes spacing for drilling 2-16 holes in blank seed plates.

Spacing	# of holes	Pattern to use
19"	1	6 hole
9-1/2"	2	6 hole
6-3/8"	3	6 hole
4-3/4"	4	16 hole
3-3/4"	5	10 hole
3-1/8"	6	6 hole
2-3/8"	8	16 hole
1-7/8"	10	10 hole

- Convenient kick stand parking and a flat frame to lay the parts while changing plates
- Knob adjusts planting depth from 1/4 to 1 1/2"
- Removable hopper for easy seed changes.

Example Drilling Location 3 hole pattern

(uses half of the 6 hole pattern)



Hoss Garden Seeder with the 6 plates, plus 1 ea. of the 3 blank plates & drill template: **HSS \$395.00**

HGS031 36" Row marker \$35.00

\$6.50 per plate 36" Row marker much less than JP-1 seed rollers (below)

Jang JP-1 Push Seeder

- Accurately singulates a wide variety of raw and pelleted seeds with quick change seed rollers and easy adjustments via sprockets and chain
- Over 40 roller sizes available for various planting needs
- Weighs 25 lbs.
- Adjustable handle for height and offset
- Quick release hopper
- Clear plastic hopper to view seed level
- Adjustable depth control
- Hopper volume = 0.26 gal
- Singulates and spaces small seeds; saving time and money
- Seed sizing gauge on hopper lid for ease of roller selection
- No wasted seeds - can work with small amount in hopper

- 4, 5, 6 Row, push, pull, and 3 pt models are available.



Seed rollers are purchased in addition to the planter. Choose the rollers needed based on the charts below.

Can get Plate Seeder for larger seeds. TD-1 Push Seeder **MST1 \$750.00**

Item #	Description	Price
MSJ1	Jang JP-1 Push Seeder	\$495.00
MSJDD	Double Disk Opener	\$160.00
MSJ2	2 row, 3 to 12" spacing	\$900.00
MSJ3	3 row, 3 to 6" spacing	\$1100.00
MSJRM	Row Marker	\$120.00

Roller	Price:	Roller	Price:	Roller	Price:
A-6	\$23.00	M-6	\$23.00	XY-12	\$34.00
AA-6	\$23.00	M-12	\$23.00	XY-24	\$34.00
B-12	\$23.00	MJ-4	\$23.00	XY-36	\$44.00
BL-12	\$34.00	MJ-6	\$23.00	XYZ-12	\$34.00
C-6	\$23.00	MJ-12	\$23.00	XYZ-24	\$34.00
C-12	\$23.00	MJ-24	\$28.00	XYZ-36	\$44.00
F-6	\$23.00	MM-12	\$23.00	Y-4	\$23.00
F-12	\$23.00	MM-24	\$28.00	Y-6	\$23.00
F-24	\$28.00	N-6	\$34.00	Y-12	\$23.00
G-12	\$23.00	Q-6	\$23.00	Y-24	\$28.00
J-2	\$23.00	Q-12	\$23.00	YX-4	\$23.00
J-4	\$23.00	R-24	\$28.00	YX-6	\$23.00
J-8	\$23.00	S-4	\$34.00	YX-12	\$23.00
L-12	\$23.00	U-4	\$34.00	YX-24	\$28.00
L-24	\$28.00	X-4	\$23.00	YYJ-6	\$23.00
L J-6	\$23.00	X-6	\$23.00	YYJ-12	\$23.00
L J-12	\$23.00	X-12	\$23.00	YYJ-24	\$28.00
L J-24	\$28.00	X-24	\$28.00	YYX-12	\$23.00
LV-12	\$23.00	XY-4	\$34.00	YYX-24	\$28.00
LV-24	\$28.00	XY-6	\$34.00	YYX-36	\$34.00

Spacing chart for JP Series Seeders

* Spacing may change due to soil conditions

		Number of Teeth in Each Sprocket									
	Rear Sprocket	14	14	13	13	11	11	11	10	10	9
	Front Sprocket	9	10	10	11	10	11	13	13	14	14
Number Of Holes In Seed Roller	3 Hole	20	18	17	15	14	13	11	13	9	8
	4 Hole	15	14	13	12	11	10	8	7.5	7	6
	6 Hole	10	9	8	7.5	7	6.5	5.5	5	4.5	4
	12 Hole	5	4.8	5	4	3.5	3	2.8	2.5	2.5	2
	24 Hole	2.5	2.5	2	2	1.8	1.5	1.3	1	1	0.5

• Shaded area shows inches between seeds

Seed Name / Seed of Comparable Size:	Recommended Roller	Seed Name / Seed of Comparable Size:	Recommended Roller
Arugula	YX	Lettuce (Raw)	XY
Basil	YYJ	Mache	F
Bean-Green	N	Mustard	YYJ
Beet	U	Okra	LI
Broccoli	Y	Onion (Coated)	MJ
Cabbage	Y	Onion (Raw)	X
Carrot	Y	Pea	BL
Carrot (coated)	MJ	Pepper	MJ
Cauliflower	Y	Radish	X
Cilantro	M.J	Rutabaga	Y
Chia	YYJ	Sorghum	MJ
Collard	Y	Sorghum (Coated)	LI
Corn	A, AA, N	Soy	BL
Cotton	C	Spinach	F
Cucumber	J	Sunflower	Send Samples
Cut Flower	Send Samples	Swiss Chard	LI
Flax	LI	Tree Seed	Send Samples
Kale	X	Turnip	YYJ

Roller	Hole Size	
	mm	Inches
A	13.5	17/32
AA	12	15/32
B	10	25/64
C	11	16-Jul
R	9	23/64
G	9	23/64
Q	8	5/16
LI	7.5	19/64
LI	7	17/64
MM	6	15/61
MJ	6	15/64
M	5	13/64
F	5	13/64
X	4	5/32
Y	3.5	9/64
YYJ	3	1/8
YX	2.5	7/64

Earthway® Garden Seeder

An ideal row crop seeder, the 1001-B is a tool that takes the guesswork out of planting any row crop. Install one of the seed plates that best fits your seed, then adjust the depth of planting on the ground opener, and then set your 30" long row marker for the desired width, then fill the seed hopper with seeds and you're all set to begin.

Six Standard Seed Plates

(included with seeder): **ERT10**

Sweet Corn, **ERT12** Peas,

ERT11 Beans, **ERT07** Radish,

ERT08 Carrots and **ERT09** Beets.

Additional Seed Plates:

ERT34 Lima Beans,

ERT35 Popcorn,

ERT39 Broccoli,

ERT37 Lettuce

& **ERT33** Cucumber.



Fertilizer attachment for Side Dressing. Easily attaches to all Earthway garden seeders. Applies fertilizer above ground or below to a depth of 2".

Item #	Description	Price
ERT001	Earthway® Garden Seeder, 12 Lbs.	\$125.00
ERT005	Fertilizer Applicator, 3 Lbs.	\$77.00
ERT06	Standard Seed Plate, Set of 6	\$34.00
ERT41	Additional Seed Plate, Set of 5	\$32.00

* Most Individual Seed Plates available: \$10.50. Specify on above item number when ordering. Example ERT12 Peas.

Reversible High Wheel Cultivator

Locally Made! Wooden handle cultivator with 3 or 5 tines to cultivate 9 1/2" or wide or reverse side has 4 1/2" trowel to make a furrow. Easily adjust handle height.



Item #	Description	Price
ERT6501	Reversible 3 Tine Cultivator	\$153.00
ERT6502	Reversible 5 Tine Cultivator with Pony Hitch	\$186.00
ERT6520	5 tine Attachment Only for Reversible Cultivator	\$23.80
ERT6530	Pony Hitch Only for Reversible Cultivator	\$10.10

Earthway® High Wheel Cultivator

High Wheel Cultivator features steel handles and a 24" steel wheel. Three standard tools are included: Five tine cultivator, moldboard plow, and twin end plow.



ERT60132

ERT6500

Item #	Description	Price
ERT6500	Earthway® High Wheel Cultivator	\$138.00
ERT60132	Optional Weed Slicing Hoe, 2 Lb.	\$49.50
ERT6500W	Kentucky Style OAK wooden handle kit	\$99.00

Earthway® Seeder/Spreaders

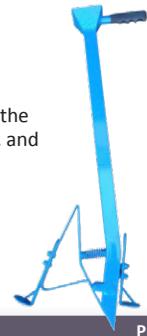
- 20 Lb. Bag capacity— zippered top, rustproof nylon construction
- Contoured molded base
- Adjustable shoulder strap
- Rocking agitator
- Spring loaded rate adjustment/shut-off



Item #	Description	Price
ERT2750	Should Bag Seeder/Spreader	\$51.00

Hand Planter

This planter allows you to plant seeds directly through plastic. Simply drop a seed in the tube, insert planter through the plastic, tilt the planter forward to release the seed. Then move down the row, drop in another seed, and repeat. Adjustable planting depth. Works great for beans, pumpkins, squash, cucumbers, zucchini, sweet corn, and many other seeds that are planted through plastic.



Item #	Description	Price
MGS01	Hand Planter, 8 Lbs.	\$79.00

Hand Transplanter

Works like above but with plants, potatoes, or bulbs. All metal construction with a 2 3/4" diameter tube. Uses no discs or parts to clog. Plant into prepared seedbeds, either through plastic or on bare ground. Plant transplants and bedding plants up to the size of 4-packs with a simple poke, squeeze, pull, one person operation.



Item #	Description	Price
MGS04	Hand Transplanter	\$130.00

Bulb Planters

Strong, durable steel with 30" tubular steel handle. Light Duty head is 11-1/2" deep, punches 2-1/4" core, Heavy Duty head is stainless steel and 5-1/2" deep, punches 2-1/2" core.



Item #	Description	Price
MGS02	Light Duty Bulb Planter	\$21.00
MGS02H	Heavy Duty Bulb Planter	\$46.00

E-Z Bulb Planter, Heavy-Duty Spring tension, soil release.

Push in with hand or foot pressure. Head is 5" deep. Choice of punch diameters.



Item #	Description	Price
MGS03B	E-Z Bulb Planter, 2" Blue	\$69.00
MGS03G	E-Z Bulb Planter, 2 1/2" Green	\$69.00
MGS03R	E-Z Bulb Planter, 3" Red	\$69.00

Solo® Chest-Mount Spreader

Effective in spreading granular material. Fertilizers, insecticides, ice melt and seeds.

- 20 Lb. Capacity hopper with cap
- Enclosed gearbox is corrosion resistant
- Comfortable cross-shoulder strap
- Fingertip levers control direction and volume



Item #	Description	Price
SOL421	Model 421 Chest-mount Spreader	\$69.50

3 pt. FLAIL MOWERS

61" Model Birba 180 China
Fixed, 25-40hp. **\$3900.00**

69" Model Barbi 180 Hyd.
Offset = 16" 35-45hp **\$4800.**

77" Model Brava 200
Used, Like new. Hydraulic
Offset = 16" 40-80hp **\$5500.**

83" Model Bella 210 Reversible Front
Hydraulic Offset = 16, 50-80hp **\$7200.00**



ROTARY TILLERS & POWER HARROWS

Check these features, weight, prices & early order discounts!



MASCHIO GASPARDO North America, Inc.
112 3rd Ave East
DeWitt, IA, 52742 - USA

Tel. +1 (563) 659-6400
Fax +1 (563) 659-6404

www.maschio.us
info@maschio.us

Headquarter

MASCHIO GASPARDO S.p.a.
Via Marcello, 73
35011 Campodarsego (Padova) - Italy

Tel. +39 049 928-9810
Fax +39 049 928-9900

www.maschionet.com
info@maschio.com



Most of these models and common parts available in 2-6 weeks.

Item #	Working Width	Max. HP	Working Depth	Weight lbs.	Blades/Flange	No. of Blades	Side Drive	3pt Hitch	Price
M 125L	50"	40	7"	330	4	24	Chain	Cat 1 & 2	\$2,650.00
M 145W	57"	40	6"	484	6	42	Chain	Cat 1 & 2	\$3,265.00
M 155WW	62"	60 HD 6062	8"	598 India	6	48	Gear	Cat. 1	\$3,740.00
M 160A	64"	60	8"	627	6	48	Chain	Cat. 1 & 2	\$4,050.00
M 180WW	73"	60 HD 6073	8"	673 India	6	54	Gear	Cat. 1	\$4,050.00
M 180A	73"	60	8"	660	6	54	Chain	Cat. 1 & 2	\$4,400.00
M 185H	73"	60	9"	761	6	54	Gear	Cat. 1 & 2	\$5,370.00
M 205H	81"	60	9"	818	6	60	Gear	Cat. 1 & 2	\$5,400.00
M 205Vrout Pro	81"	80	9"	1069	6	48	Gear	Cat. 192	\$5,950.00
M 205B	83"	100 4speed Gearbox	10"	1578	6	48	Gear	Cat. 2	\$7,850.00
M 230U	93"	80 4speed Gearbox	9"	1220	6	54	Gear	Cat. 2	\$8,250.00
M 230B	93"	100 4speed Gearbox	11"	1654	6	54	Gear	Cat. 2	\$8,200.00
M 230C	93"	130 4speed Gearbox	11"	1728	6	54	Gear	Cat. 2	\$10,730.00
M 250C	103"	130 4speed Gearbox	11"	1840	6	60	Gear	Cat. 2	\$10,200.00
M 250SC	103"	170 4speed Gearbox	12"	2130 1000 RPM	6	60	Gear	Cat. 2	\$12,700.00

Standard Features: 540 RPM, PTO shaft and slip clutch included, Single Speed Gear Box, Rotor 218 RPM @ 540 PTO

Power Harrow	Upright tines, Prevents a worked layer and surface crust from forming.								
M DS2300 18" cage	91"	120	12"	1683	2	18	Gear	Cat. 2	Call

Standard Features: Cage Roller, 540 RPM, PTO shaft and slip clutch included, Single Speed Gear Box, Rotor 352 RPM

COMPACT RAISED BED MULCH LAYER



RB448 with Drip Attachment



Spring loaded covering disks



With Double Drip



RB436 with Drip Attachment

Designed for use with compact tractors in high tunnels and fields where close spacings are desirable.

Features: Crowned bed is higher in center. Teflon lined bed press gives a smooth, pressed seed bed and eliminates pot holes. Adjustable tension on plastic roll and independent spring loaded press wheels ensure plastic is stretched tightly. Large cover disks are independently spring loaded and are fully adjustable to insure that plastic is covered securely. Drip Irrigation Attachments feature adjustable feed in tube and tension adjustment. Flat free/foam filled press wheels.

Model RB448

- **Our most popular mulch laying machine!**
- Adjustable to lay 3 or 4 ft. wide plastic,
- Forms 4" high x 20 or 30" wide bed,
- 30-60hp recommended.
- **\$2260.00**

RBA1 Drip Irrigation Attachment for RB448 **\$195.00**

RBA12 Double Drip Irrigation Attachment for RB448 **\$325.00**

RBA4 Adjustable Row Markers for RB448 or RB436 **\$170.00**

Model RB436

- Lays 3 ft. wide plastic,
- Forms 4" high and 20" wide bed,
- 20-40hp recommended.
- **\$1640.00**

RBA11 Drip Irrigation Attachment for RB436 **\$195.00**

RBA121 Double Drip Irrigation Attachment for RB436 **\$325.00**

Dirt shields standard on RB448, Optional on RB436 RBA2 **\$97.00**

Stainless Steel Dry Fertilizer Hopper

Used to incorporate granular fertilizers in the soil under 4' wide plastic mulch. Wheel drives off of plastic roll for consistent fertilizer flow.

*For granular fertilizer. It will not work with powder.

100-120 pounds capacity. Adjustable flow to control fertilizer rate.

(Fits year 2015 and newer models)

RBA5 SS Fertilizer Hopper for RBA5 **\$640.00**

RBA5R SS Fertilizer Hopper for RBR440 **\$640.00**



Trailer Type for pulling with horses.

Goose neck tongue for easy turn around. Pulls easily with 2 horses. Large spring loaded disks and large roller to shape and press bed makes it easier to pull than typical bed press layers. Dual springs on the lift assembly ease the process of lifting the machine at the end of the row. Floating rear discs are fully adjustable to assure good coverage. Now narrower. Allows for closer row spacing in high tunnels, etc.

Model RBR440 Lays 4' wide plastic and forms 4" high x 32" wide bed.

Black steel transport wheels are standard. **\$2740.00**

RBA1R Drip Irrigation Attachment **\$195.00**

RBA12R Double Drip Irrigation Attachment **\$325.00**

RBA4R Adjustable Row Markers **\$170.00**

SUPER DELUXE FLATBED MULCH LAYER



Model SL43 with optional Drip Attachment



Model SL5450 Combination Sweet Corn Model

OUR TOP OF THE LINE SUPER DELUXE MULCH LAYERS FEATURE:

- Heavy duty spring loaded drag gives a smooth, pressed seed bed and eliminates pot holes.
- Furrow openers on bottom of drag give a consistent depth furrow and can't be pushed out of line by rocks.
- High speed dirt shields
- Drag is easy to remove for laying clear plastic over top of planted sweet corn or raised beds
- Adjustable spring tension on plastic roll, 3" roller and 16" rubber tire press wheels keep plastic under constant pressure resulting in uniform and tightly laid mulch.
- The cover disks are independently spring loaded and are fully adjustable.
- Extra roll carrier enables machine to carry 2 - 4000' rolls of plastic mulch.

Model SL43 3 Pt Hookup Adjustable, Lays 4 or 3 ft plastic **\$1600.00**

Model SL54 3 Pt Hookup Adjustable, Lays 5 or 4 ft plastic **\$1730.00**

Model SL4300 Combination Model Adjustable, Lays 4 or 3 ft plastic **\$2280.00**

Model SL5450 Combination Sweet Corn Model Adjustable to lay 48", 54" or 60" plastic over sweet corn ridges. Furrow Opening Disks included. **\$2300.00**

SLP04 + SLP02 Optional 4' Drag & Hangers for Model SL5450 for laying 4 ft. plastic flat **\$200.00**

SLP171ST Optional lower roller with 4 punching studs for plastic cover sweet corn **\$60.00**

COMBINATION MODEL

Pull type with large transport wheels converts easily to 3 Pt Hookup by pulling 3 pins and removing the hitch. Spring assisted lever makes it easy to raise and lower the machine by hand when using it as a pull type. With used rubber tires and new rims. Steel transport wheels are optional for additional **\$64.00**

OPTIONAL ACCESSORIES

DRIP IRRIGATION ATTACHMENT Fully adjustable drip feed-in tube. Roll carrier shaft is mounted on ball bearings, this prevents shaft from tearing into drip roll hubs. Adjustable brake gives accurate tension control and prevents drip roll from unwinding freely when machine stops. **SLA1 \$235.00**

Double DRIP IRRIGATION ATTACHMENT **SLA2 \$405.00**

ADJUSTABLE ROW MARKERS Fits on all models **SLA4 \$125.00**

CUSHIONED SEAT Allows a helper to ride along to watch machine and change rolls **SLA3 \$165.00**

FURROW OPENING DISKS To lay clear plastic over planted sweet corn **SLA5 \$400.00**

Stainless Steel Dry Fertilizer Hopper To put granular fertilizer in the row (see page 94) **SLA8 \$640.00**



Compact Water Wheel Transplanter

For close row spacing in High Tunnels or on small acreage. Wheelbase O.D. is 63" = 1" less than model P150 and 14" less than P1500.

Single side rack and seat allows reducing width additional 10" (on tank side) by pulling pin and rotating transport wheel.

- Plant single or double rows per bed.
- Open access to change planting wheels.
- Adjustable seat.
- Cat 1 lift pins. 28-50 hp tractor recommended.
- May require front weights or loader.
- 100 gallon tank.
- 10 trays capacity feed racks.

Item #	Size	Price
P100	Model P100 Single Seat Planter	\$2400.00
P100H	Optional hitch and planting wheel assembly, to convert above unit to Pull Type	\$420.00

WATER WHEEL TRANSPLANTERS

Water Wheel Transplanter passes over a completed plastic mulch bed (performs equally well in raised or flatbed applications) planting wheel punches and waters the hole completely, and allows the operators, riding in a comfortable position, to place a plug, potted or bare root plant directly into the watered hole. Plant mortality is kept extremely minimal.

COMPACT DESIGN allows closer row centers, shorter turns & increases water & tray carrying capacities of a smaller tractor.

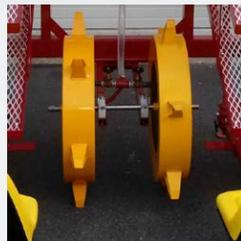
Floating water wheel bracket, plant up to 3 rows (1-2 standard) per bed, Optional 3 wheel plumbing for 3 rows. Standard racks allow total carrying capacity of 19 standard 1020 trays. 25 trays with optional second top rack. Fully adjustable comfortable high back cushioned seats with footrest for greater operator efficiency. Tank has a shut-off valve that can be reached by the planter personnel. Water flow into planter wheels can be adjusted independently.



Model P1500 Combination Pull-type with large transport wheels, It converts easily to 3-point hookup by pulling 3 pins & dropping the hitch. Has an adjustable turnbuckle on hitch for easy leveling. Used tires with new rims. Steel wheels optional. 150 gallon tank. **\$3390.00**



Both models feature:
Quick and easy wrench free seat and unit height adjustment. Open back makes planting wheel changes easy, no bar to lift.



Order planting wheels separate, not included with unit price.

Planting Wheels, C spike: Choose spacing: 12, 15, 18, 24, 30, 36, 42, 48" **\$155.00**

2 row Staggered E spike, 6" x 6" Spacing: **\$300**

Custom Planting Wheels: Choose spacing & spike **\$192.00**. Less than 12" spacing: **\$210.00**

Adjustable spacing SUPER WHEEL for Snap-on Spikes

(Order Spikes Separate) **\$ 150.00**

*Number of spikes = approx. spacing: i.e. on PWS26 you need 18 spikes for 6" spacing.

PWS24 12=8", 6=16", 4=22", 3=28", 2=40", 1=77"

PWS26 18=6", 9=12", 6=17", 3=31", 2=45", 1=86"

PWS30 24=5", 12=10", 8=14", 6=19", 4=27", 3=35", 2=51", 1=98"

	Planter Wheel Spike Sizes				
Width at top →	← 2" →	← 1½" →	← 1¼" →	← 1⅛" →	← 1" →
Length →	↑ 6" ↓	↑ 5½" ↓	↑ 4½" ↓	↑ 4" ↓	↑ 3½" ↓
Base →	← 4" →	← 3¾" →	← 2⅝" →	← 2¼" →	← 2" →
Snap-On Spike →	# A 3" Pots \$11.50	# B 2½" Pots \$10.50	# C *Standard* 50 to 72 Count tray \$5.00	# D 72 to 96 Count tray \$5.00	# E 96 to 128 Count tray \$5.00

Hand Drawn Planter Wheel Bracket

Use with any planting wheels.

For row marking or when it's too wet to go in field with a tractor. Will punch up to 3 rows (with 3 wheels), space and stagger as needed. **WWB100: \$175.00**



Model P150 3-point Hookup 3pt allows for tighter turn radius at the end of the row. Cat 1 & 2 lift pins, Requires tractor with lift capacity of almost 3000 lbs. 40-80 hp, 4wd or loader helps, 150 gal. tank. **\$2930.00**

P1520 Optional Second Top Rack.

Bolts on regular top rack, increases carrying capacity to 25 trays. **\$210.00**



Hyd. Lift No-Till Unit For P1500

Twin waved, spring loaded coulters.

Drip Attachment. Call for more info.

P1530/50: \$1404.00



Plastic Mulch Lifters and Wrappers



LIF500S



Accumulator and Cylinders on LIF550S



LIF550S

Plastic Mulch lifters

Designed to lift plastic better. Heavy Duty category 2, 3-point Hookup. Tractor with 50+ Hp required. Fully adjustable, lifts 3 to 5 ft wide plastic. Depth Control Wheels and Heavy Duty STRAIGHT Spring Loaded Trash/Vine Cutting Disks.

LIF500S Model 500 Shear Bolt Protected **\$2330.00**

LIF550S Model 550 Auto Hydraulic Reset **\$3330.00**

LIF501 Optional Center Vine Cutting Disk **\$220.00**

Plastic Mulch Wrappers

To remove plastic mulch and drip tape from the field. The hyd control, controls reel speed & also has a relief valve for safety. 24" wide reel holds 1200 ft plus of plastic & drip tape. Model LIF250 and LIF200 have a removable end plate, simply flip two levers and pull off the end plate, The center is cone shaped making the plastic easy to remove. Model LIF251 features a collapsible reel and no end plate for quick roll removal. Galvanized spool can not be used on LIF251. All units have category 1, 3-Point Hookup.

LIF250 with LIFSP



LIF251

LIF200



LIF250 Stand-On Model with cone & end plate, operate from platform **\$1530.00**

LIF251 Stand-On Model with collapsible reel, operate from platform **\$1530.00**

LIF200 Basic Model with cone and end plate, operate from tractor **\$1240.00**

LIFSP Reusable Spool for retrieval & storage of header lines, etc. **\$58.00; 6+ \$53.00**

Toddco Plastic Mulch Lifter/Wrapper

Pull Type, designed for horse farmers. Large wheels break the soil loose and rake the film up. Ground driven reel (adjustable tension) wraps plastic and tape on a tight roll. Pulls easily with 2 horses.

LIF4P \$3600.00



UnderCutter or Bed Lifter



LIF400-56 56" width **\$2300.00**

LIF400-48 48" width **\$2280.00**

Fruit & Vegetable Packing Machinery

Use for cherry tomatoes on up to watermelons, except tender crops such as zucchini, greens or root crops with tops. ORDER EARLY as mfg. lead time is most times 6-24 weeks!

- Width of 16", 24", 32" and 40". Discharge height adjusts from 31 to 37". 1-1/4" sq. Tubing Frame
- Standard units are painted steel with stainless steel ball bearings.
- Stainless steel is optional for most units.

4 Unit Packing Line

Receiver Belt, Washer Brusher, Slinger Unit and Rotary Table.
Dump produce on belt, 5' rotary table convenient for packing!



Washer Brusher & 10 Brush Slinger

These 2 units are the main units. Washer cleans, slinger unit helps dry and allows for inspecting. Add a rotary table now or later.



Washer Brusher with Overhead Brush

- The main unit washes and brushes or dry brushes and polishes. It powers all or most of the other units. Totally enclosed with metal top (14" clearance) & sides (ends have rubber flaps). Water pan has 2" MPT outlet.
- Select unit with (10,14 or 20) of 3-1/2" dia. stiff black brushes (Optional soft green brushes use for ripe tomatoes, summer squash, etc.)
- Comes with (0,1,2 or 3) of 12" dia. Soft Overhead brush with 4-1/2" bristles cleans most produce better. (May not be needed for tomatoes & other small round fruit.) Easily adjusted for small to large produce up to 10" diameter.



Washer Brusher Item #	Brushes	Overhead	Width 16"	24"	32"	40"
WB	10 brush	0	\$1320	\$1560	\$1960	\$2240
WBO	10 brush	1	\$3165	\$3600*	\$4205	\$4460
WBO Stainless	10 brush	1	\$3315	\$4020*	\$4655	\$5015
WBO14	14 brush	2	\$3760	\$4165*	\$4860	\$5620
WBO14 Stainless	14 brush	2	\$4150	\$5205	\$6050	\$6295
WBO20	20 brush	2		\$5050	\$6020	\$7410

Additional Info

Washers include electric motor; subtract \$220 if not needed.

Add:

- (Honda GX160 \$??)
- (240v variable speed motor \$??)
- (FlexShaft kit, 12' \$??)
- (Air Miser Air motor kit only for 16" \$??)
- (Hydraulic motor kit w/Quick Couplers \$??)

Water Nozzles = 1/2 gpm ea. @ 40 PSI.

Washer	Length	No. of nozzles per unit			
		16"	24"	32"	40"
10 brush	38"	4	6	8	12
14 brush	52"	6	9	12	18
20 brush	73"		12	16	24

10 Brush Slinger Unit

This popular unit connects to outlet of and is powered by washer. It brushes, helps dry and allows for inspecting the produce while it is turning. Brushes spin against a rod underneath them to sling the water out of them. Preferred versus the sponge absorber due to concern about bacteria growing in the damp sponges and it eliminates the need to change sponges. Water pan has 2" MPT outlet. Has 10 of 3-1/2" dia. stiff black brushes (Optional soft green brushes use for ripe tomatoes, summer squash, etc.)



Item #	Brushes	Width			
		16"	24"	32"	40"
S10	10 Brush, 38" long	\$1780	\$2005	\$2400	\$2825
S10 Stainless	10 Brush, 38" long	\$2045	\$2325	\$3000	\$3245

ROTARY TABLE

Receives produce from other units and is powered by it own electric motor or belt drive off unit feeding it. Moves produce at 2-1/2 RPM to people packing. 5' diameter plastic top and 2" cushioned sides.



Item #	Opening:	Width			
		16"	24"	32"	40"
RTE	120V Gearmotor	\$1800	\$1800	\$1800	\$1800
RTE Stainless	120V Gearmotor	\$1855	\$1867	\$1850	\$1850
RTEB	Belt drive w/BDO	\$1090	\$1090	\$1160	\$1160
RTEB Stainless	Belt drive w/BDO	\$1100	\$1100	\$1200	\$1200

Receiver Belt Conveyor

Connects to inlet of washer and is powered by it. (optional gearmotor or variable speed.) Smooth belt feeds produce slowly into washer at 7.5 feet per minute, (optional 27 FPM) 6' length is used mostly with bin dumper.



Item #	Description	16"	24"	32"	40"
RBCL	4 ft long	\$1200	\$1240	\$1450	\$1565
RBCL Stainless	4 ft long	\$1560	\$1585	\$1825	\$1970
RBCL	6 ft long	\$1320	\$1370	\$1690	\$1730
RBCL Stainless	6 ft long	\$1740	\$1760	\$2035	\$2235

Receiver Brusher

Used instead of Receiver Belt. Powered by and connects to inlet of washer. The first 2 ft are open to allow dumping the produce, has water nozzles, adjustable elevation to control flow of produce. Overhead brushes in the washer are more popular.



Item #	Description	16"	24"	32"	40"
RB	13 Brushes, 4 ft long	\$2495	\$2765	\$3240	\$3605
RBSS	Stainless 13 Brushes, 4 ft long	\$2730	\$3090	\$3480	\$4165

Sponge Slinger Unit

Used instead of or after 10 brush slinger. While it does absorb more water it no longer used much due to concern about bacteria growing in the damp sponges and the need to replace sponges. The slow turning sponges are an ideal place to inspect produce while it is turning. Has 4 high speed brushes at end of unit to polish the produce.



Item #	Description	16"	24"	32"	40"
SAS	7 rows Sponges 46" long		\$		

Sizing Units & Packing Table

Grades round produce to size by dropping thru holes in rubber belt onto a padded gravity chute or optional side conveyor.

PVC push-up roller to reduce pinching or squashing. Our standard tomato sizing belts are 2-7/8" (small) and 3-3/4" (medium.)

Round or square holes from 2" to 3 + 3/4" in 1/8" increments. Optional gearmotor drive and/or casters allow for easy removal when you need to run other crops.

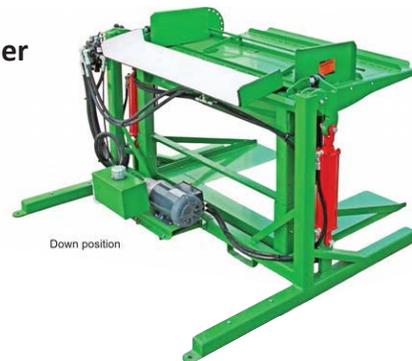
Packing Table Poly 2'x3' gravity table with spring loaded lid at bottom that opens to fill boxes. Can be ordered to fit on side of sizing units or at end of any unit.



Item #	Width>	16"	24"	32"	40"
SUB	Rubber belt Sizer, 32" long	Call	Call	Call	Call
SHC	Hex Chain Sizer, rubber coated chain for less marking				Call
PMA1	Packing Table, Side or End (to fit 16 or 24")				Call

Low-Profile Bin Dumper

8 ft.+ 9 inch (105") ceiling height required to dump. Pallet jack loadable. Requires minimum 6' long conveyor to dump onto. (Due to base legs and hydraulic unit needing to fit underneath) Discharge is 48" wide and 40-1/2" high



Item #	Standard Controls Shown	Width	Depth	Height	Price
BDL	880 lbs on right of unit	80"	76"	58"	\$8090

25-Bushel Bindumper

10 ft (120") ceiling height required to dump. 3 way loading with forklift. Handles bins up to 48" wide x 54" long and 28" to 38" high Discharge is 38" wide and adjusts from 32 to 44" high.



Item #	Standard Controls Shown	Width	Depth	Height	Price
BD	1300 lb. on right of unit	64"	8'	68"	Call

Barrel Washer

For root crops 30" x 8' Clear Barrel w/1/8" slots Discharge tray at output end adjusts vertically in order to keep produce in barrel longer. 240v Variable Speed



Item #	Description	Width	Length	Height	Price
BW	Painted	38"	116"	72"	Call
BW SS	Stainless Steel	38"	116"	72"	Call

Sweet Corn Desilker

This unit removes silk as you feed the sweet corn through. One person desilking can keep up with several people pulling off the husk. 110V AC power. (use a GFCI receptacle)



Item #	Description	Width	Length	Height	Price
SCD4	4 Brush	32"	9"	19"	\$1246

Item #	Replacement PARTS	16"	24"	32"	40"
NB	3-1/2" Brushes, Black or Soft Green	\$42.00	\$63.75	\$80.00	\$120.50
Item #	Sponge Doughnuts	1-76		77+	
PMP04	3 7/8 x1-1/2" 5/8" Bore, Standard		\$2.40		\$2.30
PMP041	4x1-1/2" 1-7/16" Bore, fits TEW Mfg.		\$2.40		\$2.30
PMP12	1/4" Self Adhesive Paddng 54" wide		\$25.00 per ft		\$25.00 per ft
PMP99	5' Rotary Table Top, 1/2" White Plastic				\$204

Rinse Conveyers



Baffles and Removable Screens

All listed units are stainless steel.
Standard Model Choices:
RC2410S-H10-B 240V 1ph Electric
 4GPM pressure pump: **\$12,065.00**
RC2410S-H20-B 240V 1ph Electric
 5.5GPM pressure pump: **\$12,470.00**
RC2410S-H30-B 240V 1ph Electric
 7GPM pressure pump: **\$13,180.00***
Swivel Casters with brakes, set/4: Call
Feed-in Tray, 6" long, on inlet: Call
25' Pressure Wash Hose Gun: Call

Features :

- low or high pressure rinse selection. Stainless steel flat wire belt has 1/2" x 1" holes.
- Stainless models have all stainless framework, sheet metal and hardware.
- All motors as standard motors unless washdown epoxy coated or stainless steel washdown are requested.
- Optional casters.
- Overflow = 1 1/2" FNPT, Drain = 2" PVC gate valve

How does the Rinse Conveyor work?

1. Produce enters washer on belt conveyor.
2. Wash stage #1: Low pressure/high volume pre-soaking water.
3. Wash stage #2: Low or high-pressure fresh water rinse (Depending on model).
4. Adjustable sprays bars above conveyor. Fixed spray bars below the conveyor.
5. Pre-soaking water and fresh water rinse both enters tank below conveyor and recirculate to wash stage #1.
6. Circulation water moves through baffles and 2 sets of removable screens to trap and dirt and leaves and prevent nozzle blockage.
7. Produce exits washer on belt conveyor directly after fresh water rinse.

Power options:

- Electric motor: Low pressure 240V, 1 PH, 11 Amp, High pressure 240V, 1 PH, 30 Amp
- 13 HP gas Honda engine (plate or cart)
- Hydraulic (GPM x PSI (ask) (Conveyer powered with air motor)



NO-TILL SUBSOILERS

The benefits of the Subsoiler unit:

- Break up compaction or hardpan for better water drainage which equals healthier soil and better crops
- Reduce waterborne disease pressure in produce fields.
- Increase water drainage between plastic rows
- Prepare fields for no-till planting (such as pumpkins and etc)
- Great fall tilage tool for row crop use
- Increase microbial life in pasture land



R6504-SDNO-RB10
 4 Swivel Shanks
 4 Rolling Baskets

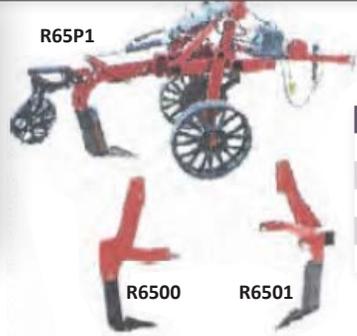


Swivel Shanks in action

Learn about the great features of our rugged and highly effective No-till Subsoiler family

- Custom built subsoilers available in 1 to 6 shank
- All units now quick-hitch compatible - Cat #2 and #3
- Standard tooth is Yeoman no-till point. Other options also available
- Max depth with standard shank is 18". Custom depth options available.
- Heavy-duty 20" trash coulters feature swivel and spring cushion
- Great soil penetration due to heavy machine weight
- The 3-shank unit weighs approximately 2,000 lbs.
- Hydraulic reset provides reliable and smooth trip action. Variable trip pressure
- Standard with swivel shank for even easier pulling and better contour tracking
- Rigid trip and shear bolt option also available
- 25 to 50 HP recommended per shank
- Optional rolling baskets available - Tuck down edges of slot 10" or 15" wide

Description	Model Number	Shanks Qty.	Price
Regular Frame fabricated from 4"x4"x1/4" tube 8.5 x 18 Wheels on 2x2 stern 1 Parking stand	R6502 (42" wide frame)	2 Shank with RB15	\$5,207.00 \$5,857.00
	R6503 (72" wide frame)	2 Shank	\$5,968.00 \$6,618.00
		3 Shank	\$7,714.00 \$8,689.00
	R6504 (102" wide frame)	4 Shank with RB15	\$9,716.00 \$11,016.00
Heavy Frame fabricated from 4"x6"x3/8" tube 9.5L 15 tires, 6 lug hub, 2x4 stern 2 parking stands	R6513 (72" wide frame)	3 Shank with RB15	\$8,452.00 \$9,427.00
	R6514 (102" wide frame)	4 Shank with RB15	\$10,972.00 \$12,272.00
	R6515 (132" wide frame)	5 Shank with RB15	\$13,333.00 \$14,958.00
	R6515E (162" wide frame)	6 Shank with RB15	\$15,648.00 \$17,598.00



Item #	Price
R65P1 pulltype	\$3,846.00
with 12v hyd pump	call
with RB15 basket	\$4,171.00
R6500 single light	\$280.00
R6501 single HD	\$694.00

Item #	Description	Price
Rolling Baskets	R6ARB10 20" wide	\$309.00
	R6ARB15 25" wide	\$325.00
Optional Frame Extensions	15" set of 2	\$398.00
	30" set of 2	\$540.00
High Clearance Shank adapters	Price per shank adds 3" height	\$83.00

Aluminum Harvest Conveyor



Aluminum conveyor designed for harvesting vegetables. Including, but not limited to: melons, sweet corn, pumpkins, broccoli, cabbage, and cauliflower. Here are the features that make this conveyor great for the grower that loads directly out of the field:

- Great for packing bins, boxes, or loose on the wagon.
- Mounts right or left and anywhere from front to rear on a regular farm wagon.
- Stand is 16" high and sits on one edge of the wagon. Opposite end clamps to wagon with c-clamp attached to a pulley.
- AHC28 & ACH281 have a 3 1/2' long receiving and grading table. 10" wide picking belt with cleats every foot.
- AHC28 includes slow speed high torque hydraulic motor with two 20' long 3/8" hydraulic hoses. Belt travels approximately 50 feet per minute with tractor at idle. It has a bypass valve and plumbing to stop or slow the belt.
- AHC281 has stop switches on each side. Fully charged 5AH battery runs it continuously for 1-1.5 hours. 15 AH 3-4.5 hours.
- Bottom belt return track with UHMW strips is standard on models.
- Painted aluminum side prevents discoloration of produce upon contact with side

Optional Equipment:

- **Drop Lid** - Removable lid in receiving tables allows produce to fall directly into crates, boxes, or bins. Available with gasoline engine or 20VDC battery drive motor for use with horse drawn wagons or where hydraulic is not available.
- **Standard with cable winch.** This feature makes it easy for one person to adjust the heights as needed due to uneven terrain, etc.

Item #	Description	Price
AHC28	28 ft. Aluminum Conveyor with Hydraulic Motor (24' belt), weighs 208 lb.	\$2880.00
AHC281	28 ft. Battery Powered: Runs on Dewalt or Milwaukee 20V batteries (24' belt), with variable speed control	\$3500.00
AHC280	28 ft. Gas Engine Powered: Honda with 6 to 1 reduction (20' belt to edge of wagon)	\$2930.00
AHC50	Optional Drop Lid - installed (not usable on Engine Conveyor)	\$100.00
AHC55	Optional Extension Stand - raises conveyor from 16" to 30" above wagon.	\$115.00
AHC4	Optional hydraulic driven brushes (4-24"). Helps speed cleaning in the field) for AHC28 drive only	\$1650.00

Also available: Proveyor harvest system on 24' flat wagon. Starting at \$17,800.00. Many options offered. **Call for detailed price list.** (or visit: harvestpromfg.com)

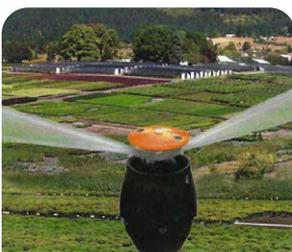




WETTED DIAMETER

NOMINAL FLOW	NOZZLE COLOR	NOZZLE SIZE	3.2' HEIGHT 24" TRAJ.
0.88 GPM	YELLOW	0.070"	43'
1.10 GPM	PURPLE	0.084"	44'
1.54 GPM	GREEN	0.096"	46'
1.98 GPM	BLUE	0.109"	52'
2.42 GPM	BROWN	0.121"	56'
2.86 GPM	ORANGE	0.132"	56'
3.30 GPM	RED*	0.144"	56'

This perfectly balanced sprinkler has two equal water jets and no wobble. It has a closed, robust design preventing insect penetration and protecting internal parts. Install on solid sets or removable field stands. Each unit has its own filter, is UV protected and is fertilizer and chemical resistant. Excellent distribution uniformity. Color coded.

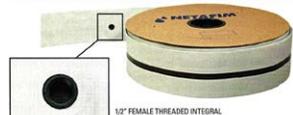


FLOW RATE (GPH) VS. PRESSURE (psi)

NOZZLE COLOR	K	X	PRESSURE (psi)																	
			10	15	20	25	30	35	40	45										
YELLOW	9.3	0.5	30	37	42	47	52	56	60	63										
PURPLE	11.5	0.5	37	45	52	58	63	68	73	77										
GREEN	16.0	0.5	51	63	72	81	88	95	102	108										
BLUE	20.5	0.5	65	80	92	103	113	122	130	138										
BROWN	24.5	0.5	78	95	110	123	135	146	156	165										
ORANGE	30.1	0.5	96	117	135	151	165	179	191	202										
RED	34.9	0.5	111	135	156	175	191	207	221	234										

Netafim Meganet™ Impact Sprinklers

Item #	Description	Price	25+
NDTMYL	Yellow Meganet Sprinkler 0.88 gpm	\$5.00	\$4.60
NDTMPL	Purple Meganet Sprinkler 1.10 gpm	\$5.00	\$4.60
NDTMGR	Green Meganet Sprinkler 1.54 gpm	\$5.00	\$4.60
NDTMBL	Blue Meganet Sprinkler 1.98 gpm	\$5.00	\$4.60
NDTMBR	Brown Meganet Sprinkler 2.42 gpm	\$5.00	\$4.60
NDTMOR	Orange Meganet Sprinkler 2.86 gpm	\$5.00	\$4.60
NDTMRD	Red Meganet Sprinkler 3.30 gpm	\$5.00	\$4.60



Quick assembly is made possible with integral welded connections that ensure a leak-free connection between distribution pipes and laterals (drip tape) with no teflon or glue required when using Netafim fittings. When not pressurized it can be driven over. Pipe has zero axial elongation. No special tools requires for installation.



FLEXNET VS. OTHER MAINLINE PIPING OPTIONS

FEATURE	FLEXNET	PE/PVC/ALUM PIPE	LAYFLAT
COLLAPSIBLE	✓	-	✓
WELDED OUTLETS	✓	-	✓
LIGHT-WEIGHT	✓	-	✓
LONG LIFESPAN	✓	-	✓
CAN BE DRIVEN ON	✓	-	✓
LEAK-PROOF SOLUTION	✓	-	✓

Item #	Description	Max	Price	3+
NDTF0230	2" x 328', 30" Outlet Spacing	29 psi	\$265.00	\$260.00
NDTF0260	2" x 328', 60" Outlet Spacing	29 psi	\$250.00	\$245.00
NDTF0272	2" x 328', 72" Outlet Spacing	29 psi	\$245.00	\$240.00
NDTF0280	2" x 328', 80" Outlet Spacing	29 psi	\$240.00	\$235.00

Netafim Flexnet™ Fittings

Use these fittings to thread into above tubing.

Item #	Description	Price	100+
NDTTEE	Flexnet x Driptape Tee	\$0.90	\$0.80
NDTELL	Flexnet x Driptape Ell	\$0.75	\$0.70
NDTPLUG	Flexnet Plug	\$0.20	
Use these fittings for Flexnet Tubing			
NDT1429020	2" Flexnet Coupler	\$9.50	
NDT1449020	2" Flexnet End Cap	\$5.20	
NDT1460020	2" Flexnet x Spigot	\$5.60	
NDTAV005	Flexnet 1/2" MPT Mini Air Vent	\$16.00	

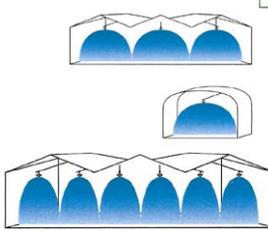
*More sizes and fittings available by special order.

Netafim Mist/Sprinklers



Single Bench with VibroNet Sprinklers

Bench Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop	
		2' - 3'	3' - 5'
4	3	VN-BL or VN-GN	VN-BL or VN-GN
5	3	VN-BL or VN-GN	VN-BL or VN-GN
6	3	VN-BL or VN-GN	VN-BL or VN-GN



One Line for Single Bay or Quonset with SpinNet Sprinklers

Bay Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop		
		2' - 3'	4' - 5'	6' - 7'
10	3	R-R-BL	-	-
12	3	R-R-BL	R-R-BL	-
14	3	BR-BR-BL	R-R-BL	R-R-BL
15	3	R-R-GY	BR-BR-BL	R-R-BL
16	3	R-R-GY	BR-Y-GY	R-R-BL
18	3	R-R-GN	BR-Y-GY	BR-BR-GN
20	3	-	R-R-GN	BR-BR-GN
22	3	-	R-R-GN	BR-BR-GN
24	3	-	-	BR-BR-GN

Two Line for Single Bay or Quonset with SpinNet Sprinklers

Bay Width (ft)	Spacing Between Sprinklers (ft)	Spacing Between Sprinkler Lines (ft)	Height Above Crop		
			3'	4' - 5'	6' - 7'
20	3	11	R-R-BL	-	-
22	3	12	R-R-BL	-	-
24	3	12	R-R-BL	R-R-BL	R-R-BL
26	3	14	BR-BR-BL	R-R-BL	R-R-BL
28	3	15	BR-BR-BL	R-R-BL	R-R-BL
30	3	16	R-R-GY	R-R-GY	BR-BR-BL
32	3	17	R-R-GN	R-R-GY	BR-BR-BL
34	3	18	R-R-GN	R-R-GY	BR-BR-BL
36	3	19	R-R-GN	R-R-GY	R-R-GN
38	3	20	BR-BR-GN	R-R-GN	R-R-GN

Ordering Guide

Code	Description	Model Number	Flow* (GPH)
VN-BL	VibroNet Blue Nozzle w/Check Valve	0354040L-B	9.2
VN-GN	VibroNet Green Nozzle w/Check Valve	0354050L-B	11.7
R-R-BL	SpinNet Red Mist Control, Red Body, Blue Spinner w/Check Valve	0355120070BL-B	18.4
BR-BR-BL	SpinNet Brown Mist Control, Brown Body, Blue Spinner w/Check Valve	0355160090BL-B	23.4
R-R-GY	SpinNet Red Mist Control, Red Body, Grey Spinner w/Check Valve	03551200070L-B	18.4
BR-Y-GY	SpinNet Brown Mist Control, Yellow Body, Grey Spinner w/Check Valve	0355200090L-B	23.4
R-R-GN	SpinNet Red Mist Control, Red Body, Green Spinner w/Check Valve	03551200070GL-B	18.4
BR-BR-GN	SpinNet Brown Mist Control, Brown Body, Green Spinner w/Check Valve	0355160090GL-B	23.4

*Average flow at 32 psi.

Netafim SpinNet and VibroNet sprinklers produce high levels of watering uniformity with drip-less sprinklers specifically designed for a full range of bedding plant applications. All prices are without check valve. Use NDTA9



Netafim Greenhouse Sprinklers

Item #	Description	Price	25+
NDTVNBL	VN-BL VibroNet Mister	\$1.25	\$1.15
NDTVNGN	VN-GN VibroNet Mister	\$1.25	\$1.15
NDTRRBL	R-R-BL SpinNet Spinner	\$1.25	\$1.15
NDTBRBRBL	BR-BR-BL SpinNet Spinner	\$1.25	\$1.15
NDTRRGY	R-R-GY SpinNet Spinner	\$1.25	\$1.15
NDTBRTGN	BR-Y-GN SpinNet Spinner	\$1.25	\$1.15
NDTRRGN	R-R-GN SpinNet Spinner	\$1.25	\$1.15
NDTBRBRGN	BR-BR-GN SpinNet Spinner	\$1.25	\$1.15



Netafim Sprinkler Accessories

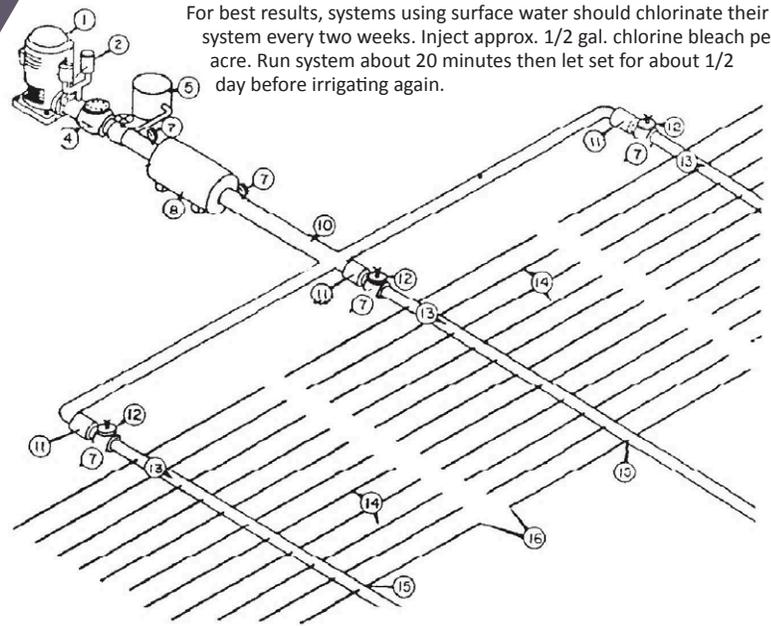
Item #	Description	Price	25+
NDTA1	1/4" Barb x Female Connector	\$0.20	\$0.16
NDTA2	1/4" Barb x Male Connector	\$0.20	\$0.16
NDTA3	1/4" Barb x Barb Connector	\$0.20	\$0.16
NDTA16	1/4" Barb x Barb with valve	\$0.75	\$0.70
NDTA4	Adapts Netafim spkr to other mfg fittings	\$0.40	\$0.38
NDTA5	Adapts other mfg spkr to Netafim fittings	\$0.20	\$0.16
NDTA6	Stabilizer Weight (slip over 1/4" tubing)	\$0.50	\$0.40
NDTA7	1/2" MPT x Female slip in (spkr or anti-drip)	\$1.05	\$1.00
NDTA8	Anti-drip, Blue Pin opens 22 psi closes 10	\$1.30	\$1.25
NDTA9	Anti-drip, Purple opens 28 psi closes 13	\$1.30	\$1.25
NDTA10	Anti-drip, Orange opens 58 psi closes 26	\$1.30	\$1.25
NDTHA12	12" Hanging assy (Incls 3,tubing,6 and 1)	\$1.25	\$1.15
NDTHA24	24" Hanging assy (Incls 3,tubing,6 and 1)	\$1.35	\$1.25
NDTHA36	36" Hanging assy (Incls 3,tubing,6 and 1)	\$1.45	\$1.35
NDTHA48	48" Hanging assy (Incls 3,tubing,6 and 1)	\$1.65	\$1.55

Typical Drip System Layout

1. Pump
2. Pressure relief valve and/or switch
3. check valve often installed on pump or fertilizer injector
4. Fertilizer Injector, MIC is best choice for most fields
5. Pressure gauges often installed on filter or fertilizer injector.
6. Screen filter for clean well, Sand filter for surface water.
7. Mainline, often SDR26 underground or layflat
7. Pressure Regulators, pump throttle and/or zone size can be used
8. Gate valve, not required if using valves on drip tape connectors
9. Submains, Oval Hose or Flatube is best choice.
10. Drip Tape Laterals
11. Drip Tape Connectors, numerous types available
12. Drip End Sleeves, automatic flush valves or knotted.

Surface Water Chlorination

For best results, systems using surface water should chlorinate their system every two weeks. Inject approx. 1/2 gal. chlorine bleach per acre. Run system about 20 minutes then let set for about 1/2 day before irrigating again.



drip irrigation info

PVC Pipe (SDR-26)

Size	1 1/2"	2"	3"	4"	6"
Flow	PSI	PSI	PSI	PSI	PSI
GPM	Loss	Loss	Loss	Loss	Loss
1	0.00				
2	0.01	0.00			
3	0.02	0.01			
4	0.04	0.01			
5	0.05	0.02			
6	0.08	0.03	0.00		
7	0.10	0.03	0.01		
8	0.13	0.04	0.01		
9	0.16	0.05	0.01		
10	0.20	0.07	0.01		
11	0.23	0.08	0.01		
12	0.28	0.09	0.01	0.00	
14	0.37	0.12	0.02	0.01	
16	0.47	0.16	0.02	0.01	
18	0.58	0.20	0.03	0.01	
20	0.71	0.21	0.04	0.01	
22	0.85	0.29	0.04	0.01	
24	1.00	0.34	0.05	0.02	
26	1.15	0.39	0.06	0.02	
28	1.32	0.45	0.07	0.02	
30	1.50	0.51	0.08	0.02	
35	2.00	0.68	0.10	0.03	0.00
40	2.56	0.86	0.13	0.04	0.01
45	3.19	1.08	0.16	0.05	0.01
50	3.88	1.31	0.20	0.06	0.01
55	4.62	1.56	0.24	0.07	0.01
60	5.43	1.83	0.28	0.08	0.01
65	6.30	2.12	0.32	0.09	0.01
70	7.23	2.44	0.37	0.11	0.02
75	8.21	2.77	0.42	0.12	0.02
80		3.12	0.47	0.14	0.02
85		3.49	0.53	0.16	0.02
90		3.88	0.59	0.17	0.03
95		4.29	0.65	0.19	0.03
100		4.72	0.72	0.21	0.03
110		5.63	0.86	0.25	0.04
120			1.01	0.30	0.05
130			1.17	0.34	0.05
140			1.34	0.39	0.06
150			1.52	0.45	0.07
160			1.71	0.50	0.08
170			1.92	0.56	0.09
180			2.13	0.63	0.10
190			2.35	0.69	0.11
200			2.59	0.76	0.12
225			3.22	0.95	0.14
250			3.91	1.15	0.18
275				1.37	0.21
300				1.61	0.25
325				1.87	0.29

PVC Fitting Abbreviations:

Soc or slip = Slides over pipe
Spig or spigot = Slides inside of fitting

Hose Fitting Abbreviations:

Insert or barb = fits inside hose, use clam
Small dia. barb can push into hole in hose
Compression = push over hose, no clamp

Feet of Row

(Drip, Plastic, Etc.) per Acre

Spacing	Linear Ft	
2'	24"	21,780
2.5'	30"	17,424
2.67'	32"	16,335
3'	36"	14,520
3.5'	42"	12,445
4'	48"	10,890
4.5'	54"	9680
5'	60"	8712
5.5'	66"	7920
6'	72"	7260
6.5'	78"	6700
7'	84"	6222
8'	96"	5445
9'	108"	4840
10'	120"	4356
12'	144"	3630

Lengths of fun in feet at 0% slope

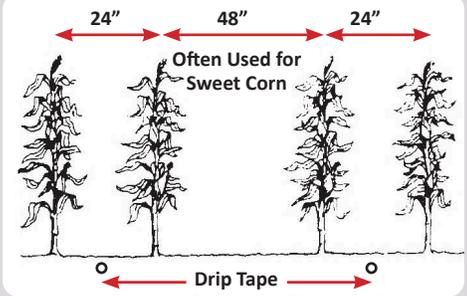
DRIP TAPE	Uniformity	Inlet Pressure (psi)				
		6	8	10	12	15
1.00 gpm	90%	290	292	292	293	294
	85%	370	371	373	373	375
.17 gpm	90%	898	901	904	906	909
	85%	1143	1148	1151	1154	1158
.34 gpm	90%	577	580	581	583	585
	85%	735	738	741	742	745
.45 gpm	90%	483	485	486	487	489
	85%	615	618	620	621	623
.67 gpm	90%	375	376	377	378	380
	85%	477	479	481	482	483

Drip Tape Tips

Bury it whenever possible, especially under plastic so that the plastic layer drag does not damage it. This keeps it from moving around from expansion & contraction. It also minimizes the chance of animal or rodent damage. It is recommended to bury tape with outlets up to avoid potential clogging. Bury tape under plastic 6-8" off center if you plan to plant a single row of crop.

Drip in Bare Soil Row Crops

Use 1 Drip Tape for 2 rows
Consider closer spacing for every other row



Vinylflow™ Layflat

Friction Loss per 100 Ft. (PSI)

GPM	1.5"	2"	2.5"	3"	4"	6"
20	1.2					
30	2.4					
40	5.1	1.1				
50	6.0					
60		2.4	1.4			
80		4.1	1.9	1.0		
90		17.0				
100		6.0	2.8	1.2		
120				1.8		
140				2.2		
160				2.6	0.6	
180				3.3	0.7	
200		22	7	0.8		
220				1.0		
240				1.1	0.2	
250				5		
260					1.3	0.2
280					1.4	0.2
300					1.6	0.2

Common Fitting Abbreviations

RED = Reducing
ADP = Adapter
CLODE = Short, threads meet in center

Fitting Thread Abbreviations

M = Male thread (on outside of pipe)
F = Female thread (on inside of fitting)
P or IP = Standard Pipe
H = Garden Hose
T = Thread
Example: MPT = Male standard pipe thread

Drip Tape Fittings

Tape Loc x 0.25" Barb Tape Loc x 0.40" Barb



Item #	Description	1-49	100+
DTF250B	Tape Loc x 0.25"	\$0.40	\$0.35
DTF400B	Tape Loc x 0.40"	\$0.40	\$0.35

Tape Loc x 0.25" Barb w/ Valve



Item #	Description	1-49	50+
DTF250BV	0.25" Valve	\$1.50	\$1.35

Tape Loc x 0.42" Barb with Knob Valve



Item #	Description	1-49	50+
DTF400BV	Knob Valve	\$1.50	\$1.35

Tape Loc x 0.425" Barb w/ Valve

Rubber grommet on barb for better seal.



Item #	Description	1-49	50+
DTF425BV	Yellow with Blue Handle	\$1.50	\$1.35

Tape Loc x 0.42" Barb with Valve

Barb with Valve



Item #	Description	1-49	50+
DTF420BV	Black w/ Red FLAT Handle	\$1.50	\$1.35

Oval Hose

- DTF250B *.25" barb, No valve, use DTFAP03 punch
- DTF400B .40" barb, No valve, use insertion punch #

Flatube

- DTF400BV .42" barb black w/blue handle Use insertion punch #
- DTF420BV .42" barb black w/red handle Easiest to turn
- DTF425BV .425" barb yellow w/blue handle May seal better

for 1/2" or 3/4" Orchard Tubing use *.25" barb

- DTFMP400 Mistake Plug fits holes made for .40/.42/.425 barb
- OTFMP1 Goof Plug *.25" barb
- DTF250BV *.25" barb black w/blue handle use DTFAP03 punch

Tape Loc Coupling



Item #	Description	1-49	50+
DTFCPT	Coupling	\$0.45	\$0.40

Tape Loc Coupling with Valve



Item #	Description	1-49	50+
DTFCPTBV	Coupling with Valve	\$1.55	\$1.40

Tape Loc End Plug with Ring



Item #	Description	1-99	50+
DTFEND	End Plug	\$0.45	\$0.40

Drip Tape End Sleeve

Fold tape and slide over end. Cut from 3/4" orchard tubing.



Item #	Description	1-49	50+
DTFCAP	End Sleeve	\$0.10	\$0.09

Tape Loc Ell



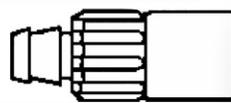
Item #	Description	1-49	50+
DTFELL	Tape Loc Ell	\$1.60	\$1.45

Tape Loc Tee



Item #	Description	1-49	50+
DTFTEE	Tape Loc Tee	\$1.35	\$1.25

Tape Loc x 1/2" Socket Adapter



Item #	Description	Price
DTFSSP	Tape Loc x 1/2" Socket	\$0.90

Insert punch thru either of these 2 fittings. Push while twisting to cut & insert in one step.

- DTF400B
- DTF400BV
- DTFCPTBV
- DTFCPT
- DTFEND

DTFACT400 #

Install a valve anywhere in a row of drip tape.

Splice together rolls or repair drip tape.

Plugs drip tape at end. Ring allows securing.

Tape Loc x Layflat Fittings



Item #	Description	1-49	50+
DTFFHC	No valve	\$0.95	\$0.85
DTFFHCBV	With valve	\$1.75	\$1.60

Hex Installation Tool

For Layflat fittings above. Gives more leverage. Not a punch.



Item #	Description	Price
DTFHEX	Hex Installation Tool	\$6.25

Tape Loc x Automatic Flush End



Item #	Description	Price
DTFFCH	Auto flushes each cycle	\$1.70

Tape Loc x Female Hose Swivel



Item #	Description	1-49	50+
DTFFHS	Tape Loc x FHT	\$1.35	\$1.25

Tape Loc x Male Thread Adapters



Item #	Description	Price
DTFMA	Tape Loc x 1/2" MPT	\$0.80
DTFMHT	Tape Loc x MHT	\$0.70

Mistake Plug for 0.420" holes



Item #	Description	1-49	50+
DTFMP400	Mistake Plug	\$0.30	\$0.28

Goof Plugs

Plugs holes 1/8" - 1/4" in diameter in poly tubing.



Item #	Description	Price
OTFMP1	OTFMP1 Goof Plugs, Pack of 10	\$0.50

DTFFHP2 needed to cut hole for both of these fittings.

DTFHEX inserts into DTFFHC for more leverage to force into hole.

DTFFHC Tear drop shaped adp., no valve

DTFFHCBV Tear drop shaped adp. black with blue handle

Blue Layflat

Power-Loc Fittings

Best choice for all orchard tubing. Easy to use. Improved design. No clamps needed. High quality valve.

Item#	Size"	Price
.40 Barb x PowerLoc		
HL 400 B	1/2"	\$0.78
.40 Barb x PowerLoc with ball valve		
HL 400BV	1/2"	\$6.62
PowerLoc x Powerloc inline connector		
HL CPT005	1/2	\$0.86
HL CPT007	3/4	\$2.81
HLCPT010	1	\$2.88
Powerloc x Powerloc Inline ball valve connector		
HL CPTBV005	1/2	\$1.58
HL CPTBV007	3/4	\$5.05
HL CTBV010	1	\$7.15
PowerLoc x PowerLoc x PowerLoc incline 90° connector		
HL ELL005	1/2	\$1.50
HL ELL007	3/4	\$3.28
HL ELL010	1	\$4.08
PowerLoc x PowerLoc x PowerLoc tee. Three way.		
HL TEE005	1/2	\$1.89
HL TEE07	3/4	\$4.94
HL TEE010	1	\$5.52
Layflat x PowerLoc Adapter		
HL FHC005	1/2	\$1.06
Female Garden Hose x PowerLoc		
HL FHS005	1/2	\$1.32
HL FHS007	3/4	\$3.38
HL FHS010	1	\$4.23
Male Garden Hose x PowerLoc		
HL MHT	1/2	\$0.91
Male Pipe Thread x PowerLoc		
HL MA005	1/2	\$0.60
HL MA007	3/4	\$1.23
HL MA010	1 x 1	\$1.61
HL MA01007	3/4 x 1	\$1.37
Male Pipe Thread x PowerLoc with Ball Valve		
HL MABV005	3/4 x 1/2	\$2.43
HL MABV007	3/4 x 3/4	\$5.03
MABV010	1 x 1	\$7.00
PowerLoc x Auto Flush Valve		
HL FCHH005	1/2	\$2.04
HL FCH007	3/4	\$1.84
PowerLoc End Plug		
HL END005	1/2	\$1.01
HL END007	3/4	\$2.26
HL END010	1	\$2.35
1/2" Socket or 3/4" Spigot		
HL SSP005	1/2" Powerlock	\$0.87
HL SSP007	3/4" Powerlock	\$1.90
3/4" socket or 1" spigot		
HL SSP010	1" Powerlock	\$1.52
HL SSP0055	1/2" Powerlock	\$.90



Easy Punch

Easy to hold and easy to use. Punches 1/2 and 3/4 tubing on page 54.



Item #	Description	Price
OTFDP4	With 1 blue, red, or green punch	\$17.00

Replacement Punch Tips

Tip Color	Hole Size	Use For	Price
Red	0.075"	COT, On/Off twist drip tubes	\$9.00
Blue	0.113"	PC Drippers, 1/8" & 3/16" barbs	\$9.00
Green	0.150"	Drip Tape Fittings, 1/4" barbs	\$9.00

Bulk Tank Fitting

Tank Adapter	Size	Price
TKAD075	3/4"	\$8.32
TKAD1	1"	\$7.55
TKAD15	1-1/2"	\$8.52
TKAD2	2"	\$15.85
TKAD3	3"	\$51.00

Plastic Green Ball Valves, Insert

Item #	Description	Price
BBVIP003	3/8" 2 Pack	\$10.05
BBVIP005	1/2"	\$2.61
BBVIP007	3/4"	\$3.85
BBVIP010	1"	\$6.90

Compression Fittings (For Orchard Tubing)

Comp Ball Valve

Item #	Size	Price
OTFBVC005	1/2"	\$2.38
OTFBVC007	3/4"	\$3.20

Compression Tee

Item #	Size	Price
OTFC3T005	1/2"	\$1.10
OTFC3T007	3/4"	\$1.90
OTFC3T101	3/4" x 1/2"	\$1.90

Compression Ell

Item #	Size	Price
OTFCELL005	1/2"	\$1.10
OTFCELL007	3/4"	\$1.30

FHT x Comp. Adapter

Item #	Size	Price
OTFCHS005	1/2"	\$1.10
OTFCHS007	3/4"	\$1.90

MHT x Comp. Adapter

Item #	Size	Price
OTFCE005	1/2"	\$0.75
OTFCE007	3/4"	\$1.10

FPT x Comp. Adapter

Item #	Size	Price
OTFCFA005	1/2"	\$0.95
OTFCFA007	3/4"	\$1.10

Compression Cross

Item #	Size	Price
OTFC4X005	1/2"	\$3.00
OTFC4X007	3/4"	\$4.40

Compression Coupling

Item #	Size	Price
OTFCC005	1/2"	\$0.72
OTFCC007	3/4"	\$0.85

Compression Cap

Item #	Size	Price
OTFCEC005	1/2"	\$0.82
OTFCEC007	3/4"	\$1.02

MPT x Comp. Adapter

Item #	Size	Price
OTFCMA005	1/2"	\$0.90
OTFCMA007	3/4"	\$1.10

Comp. Adapter, SPIG

Assemble your own compression fittings using Sch40 fittings.

Item #	Size	Price
OTFCA005	1/2"	\$0.16
OTFCA007	3/4"	\$0.32

Comp. Auto-Flush End

Item #	Size	Price
OTFCEFC005	1/2"	\$1.60
OTFCEFC007	3/4"	\$2.20

Use SSP fittings to make tees, elbows, & etc. Spigot glues inside the bell end on a pvc pipe or outside a fitting with socket end. Socket glues outside on pvc pipe (no bell) or inside a fitting with spigot end.

Punches for Oval Hose

Serrated Insertion Punch

Insert punch through fitting, punch hole and insert fitting in one step. Works with DTF400B & DTF400BV.



Item #	Description	Price
DTFACT400	Insertion Punch	\$35.50
DTFAPT400	Replacement Tip Only	\$30.00

Ejector Punch

Threaded tips are replaceable. Works with all sizes orchard tubing and oval hose.



Item #	Description	Price
DTFAP02	Punch, 2.5 MM; For drippers, 1/8" & 3/16" barbs	\$10.00
DTFAP03	Punch, 3.0 MM; For COT1, 1/4" barbs	\$10.00
DTFAP07	Punch, 7.0 MM; For .40/.42/.425" barbs	\$10.00
DTFAPT02	2.5 MM Replacement Tip	\$4.80
DTFAPT03	3.0 MM Replacement Tip	\$4.80
DTFAPT07	7.0 MM Replacement Tip	\$4.80

Red Deluxe Serrated Punch

For .40" & .420" barbs into tubing or Layflat.



Item #	Description	Price
DTFDP400S	Red Serrated Punch	\$35.50

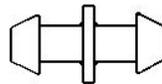
Layflat Punch

Notches hole in Layflat for DTFHC and DTFHCBV drip tape fittings.



Item #	Description	Price
DTFFHP2	16mm Layflat Punch	\$64.00

Barb to Barb Couplings



Item #	Description	Price
TB 250	1/4" Barb Coupling	\$0.24
TB 400	3/8" Barb Coupling	\$0.36

Hook-up Tube

1/4" can be used with fittings: DTFTPA, DTF250B&BV.
3/8" can be used with fittings: DTF420BV, DTF400B&BV, DTF400PIA&PIAG.

Item #	Description	Price
BPT002	1/4" x 100' (.250 x .350")	\$10.50
BPT00205	1/4" x 500' (.250 x .350")	\$51.00
BPT003	3/8" x 100' (.375 x .455")	\$9.00
BPT0031	3/8" x 1,000' (.375 x .455")	\$64.00

Gauge Stakes

Use in Flatube header lines. 24" tube with 1/4" barb. **Gauge not included.** See page 107 for gauges.



Item #	Description	Price
DTFGS	Gauge Stake	\$3.50

.40" Barb x 1/2" Soc Adapter



Item #	Description	Price
DTF400PIA	.40" Barb x 1/2" Soc Adp.	\$0.75

.40" Barb x 1/4" FPT Gauge Adapter

Gauge not included. See page 107 for gauges



Item #	Description	Price
DTF400PIAG	.40" Barb x 1/4" FPT	\$2.00



Brass Gate Valves

Full flow, FPT x FPT.

Item #	Description	Price
BGV005	1/2" FPT	\$8.00
BGV007	3/4" FPT	\$10.50
BGV010	1" FPT	\$15.00
BGV012	1 1/2" FPT	\$20.00
BGV015	1 1/2" FPT	\$26.00
BGV020	2" FPT	\$38.00
BGV030	3" FPT	\$94.00
BGV040	4" FPT	\$146.00

Brass Swing Check Valve

Full flow, FPT x FPT



Item #	Description	Price
BSV005	1/2" FPT	\$10.00
BSV007	3/4" FPT	\$10.50
BSV010	1" FPT	\$13.50
BSV012	1 1/2" FPT	\$21.50
BSV015	1 1/2" FPT	\$27.00
BSV020	2" FPT	\$44.00
BSV030	3" FPT	\$96.00
BSV040	4" FPT	\$145.00

Brass Ball Valves, FPT



Item #	Description	Price
BBV005	1/2" FPT	\$8.50
BBV007	3/4" FPT	\$10.80
BBV010	1" FPT	\$16.50
BBV012	1 1/2" FPT	\$24.50
BBV015	1 1/2" FPT	\$32.50
BBV020	2" FPT	\$47.50
BBV030	3" FPT	\$165.00
BBV040	4" FPT	\$280.00

Aluminum and Poly Camlock Quick Couplers

Specify material, part and size when ordering.

Sample part number:

QCCE015

QC = Aluminum

QCP = Poly



	Part A Male x FPT	Part B Female x MPT	Part C Female x Insert	Part D Female x FPT	Part E Male x Insert	Part F Male xMPT	Part DC Female Cap	Part DP Male Plug	Gaskets QCG	Handles QCH
1" Aluminum	\$4.00	—	\$7.00	\$7.15	\$3.25	\$4.40	\$9.00	—	—	—
1 1/2" Aluminum	\$4.60	\$10.50	\$10.75	\$10.60	\$4.90	\$5.50	\$10.00	\$3.50	\$1.20	\$4.40
1 1/2" Poly	\$4.00	\$9.50	\$9.50	\$10.00	\$4.25	\$4.25	\$10.00	\$3.50	\$1.20	\$4.40
2" Aluminum	\$5.00	\$11.40	\$12.00	\$11.80	\$7.00	\$6.50	\$11.25	\$4.50	\$1.20	\$4.40
2" Poly	\$4.25	\$10.60	\$10.80	\$11.00	\$4.50	\$4.50	\$11.25	\$4.50	\$1.20	\$4.40
3" Aluminum	\$8.25	\$20.00	\$21.00	\$19.00	\$12.50	\$11.50	\$18.00	\$7.50	\$1.40	\$6.50
3" Poly	\$6.75	\$15.25	\$16.00	\$16.50	\$8.00	\$8.00	\$18.00	\$7.50	\$1.40	\$6.50
4" Aluminum	\$13.50	\$24.00	\$27.50	\$27.00	\$20.00	\$20.00	\$24.00	\$12.50	\$1.70	\$6.50

Brass Spring Check Valve

* = Heavy Duty



Item #	Size	Price
BSC005	½"	\$9.00
BSC007	¾"	\$11.00
BSC010	1"	\$15.00
BSC010S*	1" MxFpt	\$27.00
BSC012	1-¼"	\$19.00
BSC012S*	1-¼" MxF	\$32.00
BSC015	1-½"	\$26.00
BSC020	2"	\$42.00
BSC020S*	2" MxFpt	\$104.00
BSC030	3"	\$149.00
BSC040	4"	\$160.00

Brass Foot Valve



Item #	Size	Price
BFV010	1"	\$14.00
BFV012	1-1/4"	\$17.00
BFV015	1-1/2"	\$24.00
BFV020	2"	\$40.00
BFV030	3"	\$140.00
BFV040	4"	\$180.00

PVC Union Ball Valves



Item #	Size	Price
BUS005	½" SOC	\$7.80
BUS007	¾" SOC	\$9.70
BUS007	1" SOC	\$13.50
BUS015	1½" SOC	\$25.50
BUS020	2" SOC	\$35.00

Brass Boiler Drain Valves

MPT inlet x male garden hose thread outlet.



Item #	Size	Price
BBD005	½" MPT Base	\$7.25
BBD007	¾" MPT Base	\$9.00

PVC Ball Valves



Item #	Size	Price
Threaded:		
BVF005	½" FPT	\$1.98
BVF007	¾" FPT	\$2.60
BVF010	1" FPT	\$3.95
BVF012	1¼" FPT	\$5.25
BVF015	1½" FPT	\$7.00
BVF020	2" FPT	\$10.00
BVF030	3" FPT	\$37.00
BVF040	4" FPT	\$65.00
Socket:		
BVS005	½" SOC	\$1.98
BVS007	¾" SOC	\$2.60
BVS010	1" SOC	\$3.95
BVS012	1¼" SOC	\$5.25
BVS015	1½" SOC	\$7.00
BVS020	2" SOC	\$10.00
BVS030	3" SOC	\$37.00
BVS040	4" SOC	\$65.00

Steel Suction Strainers



Item #	Description	Price
SS 021	2" FPT, Fine 1/8" Holes	\$16.00
SS 020	2" FPT, 3/8" Holes	\$16.00
SS 030	3" FPT, 3/8" Holes	\$22.00
SS 040	4" FPT, 3/8" Holes	\$26.00

SS Hose Clamps

All stainless steel, won't rust.



Item #	Size	Ea.	Bag/10
SSC004	#4	\$0.70	\$6.50
SSC005	½"	\$0.83	\$7.80
SSC007	¾"	\$0.84	\$7.90
SSC010	1"	\$0.85	\$8.00
SSC015	1½"	\$0.86	\$8.10
SSC020	2"	\$0.87	\$8.20
SSC030	3"	\$1.35	\$13.00
SSC030	4"	\$1.50	\$14.00

Super Clamps

Heavy-duty bolt clamps.



Item #	Size	Range	Price
Fits Layflat discharge:			
SC 015	1½"	40-43	\$4.00
SC 02	2"	56-59	\$4.90
SC 03	3"	80-85	\$6.70
SC 04	4"	104-112	\$7.40
Fits suction hose:			
SC 0150	1½"	44-47	\$4.00
SC 020	2"	60-63	\$4.90
SC 030	3"	86-91	\$6.70
SC 040	4"	112-121	\$7.40

Pressure Gauges

2" Face. ¼" MPT base.



Item #	Description	Price
PG 030	0-30 PSI	\$4.00
PG 060	0-60 PSI	\$4.00
PG 100	0-100 PSI	\$4.00
PG 200	0-200 PSI	\$4.00
PGB100	Backmount 0-100 PSI	\$5.00

Liquid-filled Gauges

2½" Face. ¼" MPT base.

Item #	Description	Price
PGL100	0-100 PSI	\$9.70
PGL200	0-200 PSI	\$9.70
PGL300	0-300 PSI	\$9.70
PGL600	0-600 PSI	\$17.40
PGLB100	Backmount 0-100 PSI	\$11.00

Steel Insert Fittings



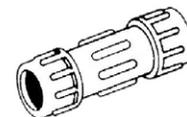
Item #	Description	Price
GPF1429015	1½" Coupling	\$5.40
GPF1429020	2" Coupling	\$6.00
GPF1429030	3" Coupling	\$12.90
GPF1429040	4" Coupling	\$19.00
GPF1436015	1½" Male Adp.	\$5.00
GPF1436020	2" Male Adp.	\$5.80
GPF1436030	3" Male Adp.	\$13.00
GPF1436040	4" Male Adp.	\$19.20

Black Iron Pipe Fittings

Item #	Description	Price
BIF412010	1" 90° Street Ell, FPT x MPT	\$6.00
BIF412020	2" 90° Street Ell, FPT x MPT O	\$12.50
BIF439251	2 x 1½" Bushing, MPT x FPT	\$8.00
BIF439339	3 x 2½" Bushing, MPT x FPT	\$15.00
BIF439420	4 x 2" Bushing, MPT x FPT	\$27.50
BIF439422	4 x 3" Bushing, MPT x FPT	\$27.50
BIF884040	1 x 4" Nipple, MPT	\$4.50
BIF886035	1½ x 3½" Nipple, MPT	\$7.00
BIF887040	2 x 4" Nipple, MPT	\$9.50
BIF888040	2½ x 4" Nipple, MPT	\$20.00
BIF889040	3 x 4" Nipple, MPT	\$29.00
BIF890050	4 x 5" Nipple, MPT	\$34.00

PVC Compression Couplings

Use for repair of PVC pipe and the replacement of valves and fittings in an existing PVC system without digging up large sections of pipe. Buna-N seals.



Item #	Size	Price
SPF7015	1½"	\$7.70
SPF7020	2"	\$11.50
SPF7030	3"	\$25.00
SPF7040	4"	\$31.00

Self Priming Pumps

(w/6.5 Hp GX200 Honda Engine w/oil alert)



Item #	Description	Price	Wt.
PU-2P5H	Model 2P5X 2" High Pressure	\$790.00	78#
PU-2P5HRC	Complete Unit 2" H P (w/Roll cage & 6 gal. gas tank)	\$970.00	108#
PU-2S5H	Model 2S5X 2" Trash Pump	\$845.00	82#
PU-3S5H	Model 3S5X 3" Trash Pump	\$910.00	88#
IP2P5P	Model 2P5PX 2" High Pressure PEDESTAL DRIVE (pump only w/3/4" keyed shaft)	\$610.00	39#

Optional Accessories for add-on, or we will install on new units			
IP201	Roll Cage Ship Wt.20 lbs.		\$93.00
PPA60	6.6 Gal. Gas Tank Kit (Removable Quick Disconnect)		\$95.00

The Model 2P5X is our most popular pump it delivers up to 88 PSI and up to 125 GPM.

- 2 - 3 acres can be drip irrigated at one time.
- Common replacement parts are in stock.
- Discharge port now rotates in 90° increments.

		2P5X					
GPM		125	100	75	50	25	0
		0 psi	29 psi	48 psi	65 psi	76 psi	88 psi
		2S5X					
GPM		175	125	100	75	50	0
		6 psi	24 psi	30 psi	34 psi	39 psi	47 psi
		3S5X					
GPM		300	200	150	100	50	0
		0 psi	22 psi	29 psi	35 psi	40 psi	44 psi

6.5 Hp B&S Vanguard Engine



- Available on any of pumps to the left.
- Competes with Honda for quiet operation, easy starting, and fuel efficiency.
- An alternate to Robins since it is currently not available.

Deduct \$10.00 off of price Part No. H = V

3" High Pressure Pump w/ 9 HP Honda Engine

Self priming pump. Aluminum w/ cast iron volute. Cast iron discharge rotates 90° left or right. Recoil rope start. 3" MPT suction & discharge.

PU 3P9H: \$1485.00
13 hp: add \$159
PPA66 Roll Cage: \$125.00
PPA60 6 Gal. Gas Tank: \$95.00
With roll cage and 6 gal. Gas Tank: \$1705.00

2" Cast Iron Pressure Pump w/ 13 Hp Honda

Very High pressure Self Priming pump. Recoil rope start. 2" MPT suction & discharge.

AUP213H \$1960.00

3" Cast Iron High Volume Pump, 13 Hp Honda

Self priming pump. Thick cast iron housing and impeller, Vac-U-Seal impeller for longer seal life and double wet seal (oil) allows pump to be run dry for extended time. Recoil rope start. 3" FPT in & out.

JB SP335013H \$2500.00
Options for above 2 pumps:
Electric Start add \$200.00
PPA66 Roll Cage \$125.00
PPA60 6 Gal. Gas Tank \$95.00

***All engines on this page include oil alert!**



B1-1/2TQMS Berkeley Pump with 16 Hp Vanguard "V-Twin" Engine, Oil alert

Over-head valve design for 20% less fuel. Approx. .9-1.3 gallon per hour. Cast iron pump with check valve, priming pump, and tach hour meter. Complete with heavy duty roll cage, 12 gal gas tank with quick coupler. Recoil rope start and 12 volt electric start.
 2" MPT, 2" FPT out.
BER16V: \$4550.00



25FP13HR AMT Pump with 13 Hp Honda Engine

Aluminum, High Pressure/Fire pump with check valve, priming pump.

- complete with heavy duty roll cage, recoil rope start, 12 volt electric start, and oil alert
- 2-1/2" FPT suction & discharge.

AMT25FP13HR: \$2970.00

Performance Chart

GPM	350	300	250	200	150	100	50	0
BER16V			40 psi	71 psi	85 psi	93 psi	96 psi	94 psi
AMT25FP13HR				21 psi	60 psi	80 psi	92 psi	99 psi
PU 3P9H					0 psi	39 psi	65 psi	81 psi
AUP213H						33 psi	62 psi	108 psi
JB SP335013HR	8 psi	21 psi	32 psi	44 psi	55 psi	61 psi	65 psi	68 psi

Self Priming Centrifugal PUMPS Electric Motors

Heavy duty pumps engineered for irrigation applications. Cast iron construction with plastic, brass*, cast iron** impellers, stainless steel motor shaft and a no maintenance mechanical seal. Motors designed for trouble free continuous duty pumping.

3/4 to 2 Hp: 115/230V, 3 & 5 Hp: 230V

Item #	Description	Price
MON100	-S100 1 Hp 1½"	\$550.00
MON150	-S150 1.5 Hp 1½"	\$720.00
MON200	-S200 2 Hp 2"x 1½"	\$990.00
MON300	-300 3 Hp 2"	\$1490.00
MUN500	-LP3005 5 Hp 2½"x2"	\$2690.00

Performance Chart

Model No.	HP	Discharge Pressure in PSI at 5 ft. Lift						Max PSI
		10	20	30	40	50	60	
Capacities in U.S. GPM								
NSPHE-S75	3/4	46	37	25	-	-	-	39
NSPHE-S100	1	54	44	32	17	-	-	45
NSPHE-S150	1 1/2	62	52	40	27	-	-	49
NSPHE-S200	2	92	82	64	45	17	-	54
NSPHE-S300	3	124	110	95	77	54	-	59
NSPHE-S500	5	170	165	146	128	109	85	74

Super High Pressure Pumps



2 stage ideal for 100' to 200' (up to 270')

- Two Stage have much higher pressure
- Compact & lightweight
- Self Priming, oil alert
- 1-1/2" MPT, inlet & outlet
- Marine-grade aluminum casing
- Easy to service

Item #	Description	Price
AMT25 IPT	2MP5 w/5.5Hp GX160 engine & roll cage	\$1420
AMT25C	above w/Quick disconnect 6 gallon Gas Tank	\$1560
AMT29	IPT 2MP9 w/9Hp GX270 engine & roll cage	\$2020
AMT29C	above w/Quick disconnect 12 gallon Gas Tank	\$2220



AMT HIGH PRESSURE 2 stage—SELF PRIMING

Cast iron with SS impellers, 115V/230V, 3 Hp 230V (not shown)

	PSI	30	40	50	60	70 PSI	
AMT2E3 3 Hp.	GPM	56	49	43	33	19	\$1015

2" FPT Pacer Poly Transfer Pump W/OHC XR950 Briggs

- Self Priming, up to 175 gpm or 47 psi.
- For performance see 255X chart on page 108.
- Chemical resistant



Item #	Price
PAC2E5	\$430.00

1-1/2" MPT Red Lion Aluminum Transfer Pump w/2.4 hp OHV

- Self Priming
- Up to 60 gpm or 34 psi.
- Oil Alert
- 1" MPT adapter included



Item #	Price
FRLG2	\$395.00

Pump & Engine Parts

Item #	Description	Price
MOP240070	Mechanical Shaft Seal for Monarch NG2½L8S, NSPHE300-500, and FTB3CI-5CI	\$85.00
MOP240160	Mech. Seal for Monarch NSPHE075-20	\$12.80
MOP240344	Mech. Shaft Seal for Monarch NSGF-5	\$32.25
MOP240359	Mech. Shaft Seal for Monarch NSGF-8	\$125.00
BER150	Mech. Shaft Seal for Berkeley B-1½TQMS	\$125.00
VANOF	Oil Filter for 16 hp. Vanguard Engine	\$7.95
GM-0187	Silicone Gasket Maker, 3 oz.	\$5.25
BRH002	1/4" Fuel Line, Black Rubber	\$1.95/ft
HON551	Spark Plug for 5.0, 5.5, 6.5 hp Honda Engine	\$3.00
HON550	Spark Plug for 9.0 hp Honda Engine	\$3.00
FF-002	Fuel Filter, 1/4" insert connection	\$3.00
HYQ002	Quick Coupler for gas line on 6 gal tank, 1/4" FPT	\$21.68

IPT Seal Repair Kits

Rebuild your pump to avoid downtime!!

Pumps should be cleaned or rebuilt if you notice any performance drop, water leaks, or have difficulty priming.

Includes Mechanical Shaft Seal, Check Valve, Plugs, and all O-rings and Washers.
Plus Seal Installation Nipple.

IP250 for 2P5	\$85.00	IP350 for 3S5	\$85.00
IP252 for 2S5	\$85.00	IP25 for 2P5X	\$85.00

Item #	Description	Price
IP2067	Mechanical Seal for above 5/8" shaft pump	\$20.76
IP202	Impeller for 2P5 and 2P5X	\$85.56
IP2181	Casing/Body for 2P5X, has inlet and outlet	\$116.25
IP213B	Rear Housing for 2P5X	\$133.20
IP213F	Front Housing for 2P5X	\$110.00

Triton II Sand Filters

Clean water is a critical part of drip irrigation. Sand media filters are the best choice to remove sand, silt, algae and bulky organic material when using pond or stream water. One-piece, fiberglass reinforced tank with UV resistant surface finish.

Features: Heavy-duty threaded closure, pressure gauge, manual air bleeder valve. Swing-away diffuser allows access to sand and all internal parts. Combination sand and water drain for winterizing.



Item No.	Description	Price
TRI040	Model TR 40	\$660.00
TRI060	Model TR 60	\$945.00
TRI100	Model TR100C	\$1400.00
TRI140	Model TR140C	\$1990.00

Valves w/plumbing w/ 2" FIPT.

Item No.	Description	Price
TRI20	2" Hi-Flow Backflush Valve	\$235.00
TRI22020	2" Plumbing for Valve	\$60.00
TRI15	2" Slider Back flush (No rinse)	\$139.00
TRI16	2" Plumbing for Slider	\$56.00
TRI202	2" Dual Manifold	\$330.00
TRI203	3" Dual Manifold	\$425.00
TRI50	50lb Sand	\$14.50
TRI55	50lb Pea Gravel	\$12.00

Maximum Pressure 50 psi put pea gravel in first (on bottom) Pea gravel to be 1/8" to 1/4" Dia. sand to be standard silica .018 -.022" particle Size. Wrong media size will result in poor filtration.

Model no.	GPM	Pea Gravel	Sand	Tank Dia.	Filter Area (Sq. Ft.)	Wt. lbs.
TR 40	38	50	125	19 in.	1.92	25
TR 60	63	75	250	24 in.	3.14	39
TR 100C	98	150	450	30 in.	4.91	65
TR 140C	141	275	650	36 in.	7.06	82

API Heavy-Duty Plastic Spin-Clean® Filters

Even well water, or other sources of clean water require filtration for drip irrigation, especially for permanent or reuseable systems. Two-piece threaded housing with O-ring seal for easy maintenance. Strong, stainless steel screens. High Pressure up to 80 PSI. **Ball valve for flushing**, All repair parts available.

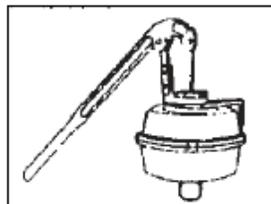
Item No.	Description	Price
PSF006	3/4" Tee (not Spin Clean) FHTxMHT (Garden Hose)	\$9.00
PSF007	3/4" Max. 9 GPM, MPT x MPT	\$23.50
PSF010	1" Max. 18 GPM, MPT x MPT	\$24.00
PSF015	1-1/2" Max. 55 GPM, MPT x MPT	\$195.00
PSF020	2" Max. 90 GPM, MPT x MPT	\$222.00

*Standard screen 150mesh/100micron (200mesh optional)

Wade-Rain Priming Pump

For 2", 3" & 4" Pumps 1" MIPT Connection

PP-01	\$150.00
PPA020 2"x1" MPT Tee	\$14.00
PPA030 3"x1" MPT Tee	\$22.00



PRESSURE REGULATORS

Pre-set, maintain constant pressure & automatically adjust to flow conditions. Note: if water is turned off or flow drops below the flow GPM range these regulators will not regulate the flow. Specify PSI or application when ordering.



Item	Size	Thread	PSI	Price
PR-007151	3/4"	FHTxMHT	15 (Garden Hose)	0.1-8 \$9.25
PR-007	3/4"	FPT	15, 20 or 35	0.5-15 \$9.50
PR-10	1"	FPT	15, 20 or 35	2-20 \$13.50
PR-15	1-1/2"	MPT	15, 20 or 35	7-35 \$38.00
PR-24	2"	FPT	15 or 20	20-100 \$102.00
PR-21	Brass 6 spring 2"	FPT	15, 20 or 35	21-105 \$179.00
PR-30	Brass 10 spring 3"	FPT	15, 20 or 35	35-175 \$365.00

WATERMARK SOIL MOISTURE MANAGEMENT



WATERMARK Sensor

(Granular matrix sensor) is an indirect, calibrated method of measuring soil water. It is an electrical resistance type sensor, read by a hand-held meter which converts the electric resistance reading to a calibrated reading of centibars of soil water suction. **WMM05 with 5' Wire Leads \$46.00**

WATERMARK Meter Digital Readout.

Solid State alternating current resistance bridge meter for reading WATERMARK sensors. Adjustable for soil temperature variations. One meter required to read all sensors. LCD display. **WMM1 \$210.00**

IRR0METER

Irrrometer Soil Moisture Indicators

Your exact soil moisture at a glance. Helpful for determining when to irrigate all crops. Irrrometers help you keep your moisture in the active root zone.



Item No.	Description	Price
IRR06	6" Length	\$107.00
IRR12	12" Length	\$109.00
IRR18	18" Length	\$112.00
IRR24	24" Length	\$115.00
IRR5	Service Kit Required! (1 Kit Operates one or more) Includes 1 oz Fluid	\$84.00
IRR51	Replacement Vacuum Gauge	\$35.00
IRR52	Fluid 1 Oz Bottle	\$6.00
IRR53	Stopper	\$.55



MIC707



MIC020

TROUBLE FREE INJECTION OF FERTILIZERS

Mazzei injectors are high efficiency, Venturi-type, differential pressure injectors. A pressure difference between the inlet and the outlet of the injector creates a vacuum inside the body, which results in suction through the suction port. The suction can then be used to inject and mix fertilizers and water treatment chemicals into the water. Mazzei injectors are trouble free because there are no moving parts, and long life because they are molded from chemical resistant polypropylene.

SPECS. CHART MODEL	384	584	1078	1583A
SIZE	1/2"	3/4"	1"	1-1/2"
Minimum Flow Rates (GPM)	2	6	16	32
Recommended Injection (GPH)	4	8	20	40
Max. Injection (GPH)	10.5	25	75	180
Size Suction Line	1/4"	1/4"	1/2"	1/2"

Injectors Only & Suction Line Kit

Item No.	Description	Price
MIC384	1/2" P.P Injector only	\$39.50
MIC584	3/4" P.P Injector Only	\$39.50
MIC1078	1" P.P Injector only	\$65.00
MIC1583	1-1/2" P.P Injector only	\$82.00
MIC1	1/4" Suction Line Kit w/Flo-meter, for 3,4&584	\$58.00
MIC183	10 feet 1/2" Suction Line w/strainer & clamps	\$26.00

^ for 1" & 1-1/2" Injectors ^

Replacement Parts

Item No.	Description	Price
MICCR2	Check Valve Repair Kit for 384, 484 & 584	\$9.00
MICCR3	Check Valve Repair Kit for Old 878,978,1078	\$12.00
MICCR4	Check Valve Repair Kit for New 1 & 1-1/2"	\$15.00
MICS8	1/4" Suction Strainer w/ Brass Male Insert Adp.	\$6.50
MICS845	1/2" Suction Strainer, Insert	\$12.00
FLO002	1/4" Tubing Clamp	\$0.59
FLO020	0-40 G.P.H Flo-Meter, 1/4" Insert	\$48.00
FLO100	0-100 G.P.H Flo-Meter, 3/8" Fpt	\$73.00

Plastic Screen Filter

Lightweight SS screen. Housing threads apart for easy screen removal for cleaning. 155 mesh standard. Replacement screens in stock



Item No.	Size/connection	GPM	Price
DGF007	3/4" FHTxMHT	7	\$13.00
TSF007	3/4" MPT	7	\$11.00
TSF010	1" MPT	15	\$16.50
TSF015	1-1/2" MPT	30	\$21.00
DGF020	2" MPT	60	\$88.00

Mazzei non-proportional injectors are excellent for drip systems in fields or high tunnels, provided that fertilizer is based on rate/acre rather than PPM (constant feed). Take lbs/acre per week divided by number of applications for the week and mix it with approx 5 gallons of water.

COMPLETE UNITS As shown above

Injector unit with bypass mainline, 8' suction hose, (GPH) flometer, back flow check valve, main line control valve, bypass valves, pressure gauge and stand* (except * not included)

1-1/2" & 2" need minimum 1200' of .45 drip tape to work.
3/4" & 1" minimum 400'. 3" minimum 3200'

Item No.	Description	Price
MIC707*	3/4" MIC Unit., FHT x MHT w/384 Injector	\$154.00
MIC710*	1" MIC Unit., FIPT w/384 Injector	\$160.00
MIC015	1-1/2" MIC Unit, FIPT w/584 Injector	\$215.00
MIC020	2" MIC Unit, FIPT w/584 Injector	\$240.00
MIC030	3" MIC Unit, FIPT w/1078 Injector	\$490.00

Operating: Mix and re-mix required fertilizer for irrigation cycle, start irrigation, allow pressure to stabilize in system, open the 2 PVC bypass valves and slowly close brass mainline valve till flo-meter rises to desired injection rate (GPH). Water pressure will drop 3-7 psi dependent on flow and injection rate. When fertilizer container is empty it will draw air, this doesn't hurt. Allow irrigation to operate for a while to ensure fertilizer is all out of system. Not working: Minimum flow rate not met? Clogged? check water and fertilizer inlet at injector (black tee). Liquid fertilizer too heavy? Dilute with water. Suction leak? Water flow wrong direction? Injector or Flo-meter installed in bypass backwards?

PLASTIC DISK FILTERS

Will filter dirtier water than screen filters or provide longer run time between cleaning, but not like that of a sand filter. Has ball valve for flushing but to really get them clean, remove bottom housing, loosen the disks and wash with hose. Will work in any position but best installed upright as shown (so flush valve is on bottom) and suspended on post allowing you to remove the bottom housing. Replacement Disk Sets in stock.

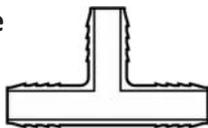
- 145 PSI Max., 150 Mesh
- Both 2&3" are now long body!
- Outlet straight thru or at 90° Angle



Item No.	Description	Price
PDF020 2"	MPT 75 GPM	\$195.00
PDF030 3"	MPT 120 GPM	\$215.00

Insert Hose Fittings

Insert Tee



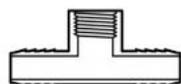
Item #	Size	Price
PIF1401005	½"	\$1.75
PIF1401007	¾"	\$1.75
PIF1401010	1"	\$2.20
PIF1401012	1¼"	\$3.40
PIF1401015	1½"	\$3.55
PIF1401020	2"	\$6.00
PIF1401030	3"	\$29.00
PIF1401040	4"	\$58.90

Insert Tee, Reducing



Item #	Size	Price
PIF1401101	¾ x ½"	\$2.20
PIF1401131	1 x ¾"	\$2.35
PIF1401210	1½ x ¾"	\$4.70
PIF1401211	1½ x 1"	\$4.70
PIF1401249	2 x 1"	\$6.00
PIF1401251	2 x 1½"	\$6.40

Tee, Insert x FPT



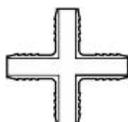
Item #	Size	Price
PIF1402005	½"	\$1.95
PIF1402007	¾"	\$2.60
PIF1402010	1"	\$3.00
PIF1402012	1¼"	\$4.30
PIF1402015	1½"	\$6.75
PIF1402020	2"	\$7.40

Tee, Insert x FPT, Reducing



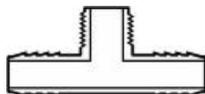
Item #	Size	Price
PIF1402101	¾ x ½"	\$2.20
PIF1402131	1 x ¾"	\$2.80
PIF1402210	1½ x ¾"	\$6.30
PIF1402211	1½ x 1"	\$6.30
PIF1402248	2 x ¾"	\$6.70
PIF1402249	2 x 1"	\$7.20
PIF1402251	2 x 1½"	\$7.40

Cross, Insert



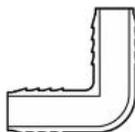
Item #	Size	Price
PIF1420007	¾"	\$4.15
PIF1420010	1"	\$5.00

Tee, Insert x MPT



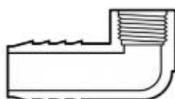
Item #	Size	Price
PIF1403005	½"	\$2.05
PIF1403007	¾"	\$3.05
PIF1403010	1"	\$3.80
PIF1403012	1¼"	\$4.80
PIF1403015	1½"	\$5.00
PIF1403020	2"	\$6.75

90° Ell, Insert



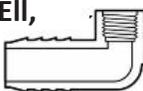
Item #	Size	Price
PIF1406005	½"	\$1.65
PIF1406007	¾"	\$1.80
PIF1406010	1"	\$1.95
PIF1406012	1¼"	\$2.00
PIF1406015	1½"	\$2.30
PIF1406020	2"	\$3.00
PIF1406030	3"	\$27.00
PIF1406040	4"	\$39.45

90° Ell, Insert x FPT



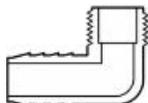
Item #	Size	Price
PIF1407005	½"	\$1.85
PIF1407007	¾"	\$1.85
PIF1407010	1"	\$2.25
PIF1407015	1½"	\$3.50
PIF1407020	2"	\$5.25

Reducing 90° Ell, Insert x FPT



Item #	Size	Price
PIF1407101	¾ x ½"	\$1.90
PIF1407131	1 x ¾"	\$2.10
PIF1407211	1½ x 1"	\$3.15
PIF1407251	2" x 1½"	\$4.95

90° Ell, Insert x MPT



Item #	Size	Price
PIF1413005	½"	\$2.10
PIF1413007	¾"	\$2.60
PIF1413010	1"	\$3.30
PIF1413015	1½"	\$5.25
PIF1413020	2"	\$7.20

Insert Coupling



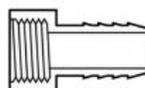
Item #	Size	Price
PIF1429005	½"	\$0.85
PIF1429007	¾"	\$0.90
PIF1429010	1"	\$0.92
PIF1429012	1¼"	\$1.30
PIF1429015	1½"	\$1.45
PIF1429020	2"	\$2.50
PIF1429030	3"	\$9.50
PIF1429040	4"	\$12.00

Reducing Insert Coupling



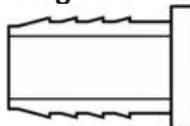
Item #	Size	Price
PIF1429101	¾ x ½"	\$1.30
PIF1429131	1 x ¾"	\$1.30
PIF1429168	1½ x 1"	\$1.90
PIF1429211	1½ x 1"	\$2.75
PIF1429251	2 x 1½"	\$3.10
PIF1429338	3 x 2"	\$16.50
PIF1429422	4 x 3"	\$36.00

FPT x Insert Adapter



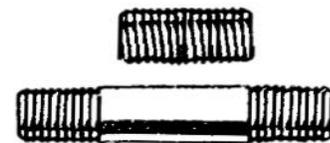
Item #	Size	Price
PIF1435005	½"	\$3.60
PIF1435007	¾"	\$3.60
PIF1435010	1"	\$3.85
PIF1435012	1¼"	\$4.75
PIF1435015	1½"	\$5.25
PIF1435020	2"	\$6.00
PIF1435030	3"	\$16.50
PIF1435040	4"	\$19.00

Insert Plug



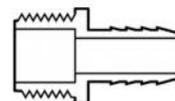
Item #	Size	Price
PIF1449005	½"	\$1.40
PIF1449007	¾"	\$1.40
PIF1449010	1"	\$1.80
PIF1449012	1¼"	\$2.00
PIF1449015	1½"	\$2.30
PIF1449020	2"	\$3.75
PIF1449030	3"	\$13.50
PIF1449040	4"	\$19.00

SCH80 Nipples, MPT x MPT



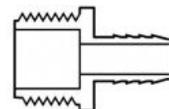
Item #	Size	Price
S8N882005	½" x Close	\$1.15
S8N882030	½" x 3"	\$1.20
S8N883005	¾" x Close	\$1.20
S8N883060	¾" x 6"	\$1.87
S8N884005	1" x Close	\$1.45
S8N884060	1" x 5"	\$2.26
S8N885005	1¼" x Close	\$1.75
S8N886005	1½" x Close	\$2.00
S8N886060	1½" x 6"	\$3.30
S8N887005	2" x Close	\$2.50
S8N887060	2" x 6"	\$3.85
S8N888005	2½" x Close	\$6.60
S8N889005	3" x Close	\$7.40
S8N889080	3" x 8"	\$30.00
S8N890005	4" x Close	\$11.00
S8N890080	4" x 8"	\$36.50

MPT x Insert Adapter



Item #	Size	Price
PIF1436005	½"	\$0.80
PIF1436007	¾"	\$0.90
PIF1436010	1"	\$0.90
PIF1436012	1¼"	\$1.45
PIF1436015	1½"	\$1.45
PIF1436020	2"	\$2.55
PIF1436030	3"	\$11.50
PIF1436040	4"	\$15.50

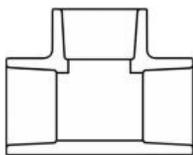
MPT x Insert Adapter, Reducing



Item #	Size	Price
PIF1436074	½ x ¾"	\$2.35
PIF1436101	¾ x ½"	\$2.25
PIF1436102	¾ x 1"	\$2.35
PIF1436131	1 x ¾"	\$2.25
PIF1436133	1 x 1½"	\$3.70
PIF1436211	1½ x 1"	\$3.35
PIF1436213	1½ x 2"	\$4.70
PIF1436251	2 x 1½"	\$4.70
PIF1436263	2 x 3"	\$20.50
PIF1436271	3 x 2"	\$13.80
PIF1436313	3 x 4"	\$23.50
PIF1436351	4 x 3"	\$28.50

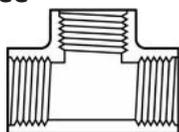
Schedule 40 Fittings

Socket Tee



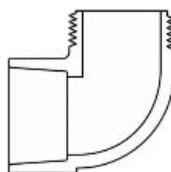
Item #	Size	Price
SPF401005	½"	\$0.84
SPF401007	¾"	\$0.86
SPF401010	1"	\$1.44
SPF401015	1½"	\$2.30
SPF401020	2"	\$3.10
SPF401030	3"	\$12.10
SPF401040	4"	\$21.10

FPT Tee



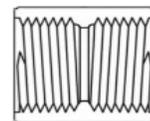
Item #	Size	Price
SPF405005	½"	3.10
SPF405007	¾"	\$3.65
SPF405010	1"	\$4.45
SPF405015	1½"	\$5.50
SPF405020	2"	\$6.85

90° Ell, Soc x MPT



Item #	Size	Price
SPF410005	½"	\$1.50
SPF410007	¾"	\$1.55
SPF410010	1"	\$2.35
SPF410015	1½"	\$2.85
SPF410020	2"	\$6.40

Coupling, FPT



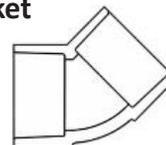
Item #	Size	Price
SPF430005	½"	\$0.85
SPF430007	¾"	\$1.45
SPF430010	1"	\$1.70
SPF430015	1½"	\$9.00
SPF430020	2"	\$10.00

Socket Ell, 90°



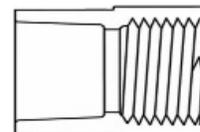
Item #	Size	Price
SPF406005	½"	\$0.68
SPF406007	¾"	\$0.70
SPF406010	1"	\$1.05
SPF406015	1½"	\$1.70
SPF406020	2"	\$2.50
SPF406030	3"	\$8.30
SPF406040	4"	\$14.25

45° Ell, Socket



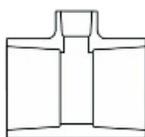
Item #	Size	Price
SPF417005	½"	\$1.15
SPF417007	¾"	\$1.55
SPF417010	1"	\$1.70
SPF417015	1½"	\$2.40
SPF417020	2"	\$2.95
SPF417030	3"	\$10.75
SPF417040	4"	\$18.60

FPT x Socket Adp.



Item #	Size	Price
SPF435005	½"	\$0.75
SPF435007	¾"	\$0.85
SPF435010	1"	\$0.90
SPF435015	1½"	\$1.35
SPF435020	2"	\$1.60
SPF435030	3"	\$5.10
SPF435040	4"	\$8.10

Socket Tee, Reducing



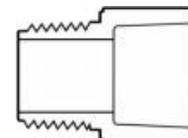
Item #	Size	Price
SPF401101	¾ x ½"	\$1.02
SPF401130	1 x ½"	\$1.50
SPF401131	1 x ¾"	\$1.70
SPF401210	1½ x ¾"	\$3.50
SPF401248	2 x ¾"	\$3.40
SPF401251	2 x 1½"	\$3.40
SPF401335	3 x 1"	\$13.20
SPF401338	3 x 2"	\$13.20
SPF401420	4 x 2"	\$21.15
SPF401422	4 x 3"	\$21.15

Reducing Ell, Socket, 90°



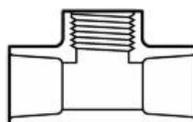
Item #	Size	Price
SPF406101	¾ x ½"	\$1.80
SPF406251	2 x 1½"	\$6.40

MPT x Socket Adp.,



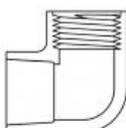
Item #	Size	Price
SPF436005	½"	\$0.60
SPF436007	¾"	\$0.62
SPF436010	1"	\$0.95
SPF436015	1½"	\$1.35
SPF436020	2"	\$1.60
SPF436030	3"	\$6.30
SPF436040	4"	\$7.75

Tee, Socket x FPT



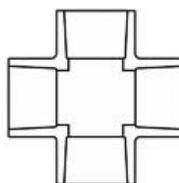
Item #	Size	Price
SPF402005	½"	\$1.15
SPF402007	¾"	\$1.55
SPF402010	1"	\$2.55
SPF402015	1½"	\$4.40
SPF402020	2"	\$5.20
SPF402030	3"	\$18.25
SPF402040	4"	\$26.90

90° Ell, Socket x FPT



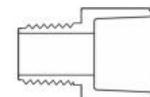
Item #	Size	Price
SPF407005	½"	\$0.85
SPF407007	¾"	\$0.85
SPF407010	1"	\$1.45
SPF407015	1½"	\$2.25
SPF407020	2"	\$5.35

Socket Cross



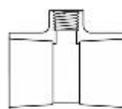
Item #	Size	Price
SPF420005	½"	\$2.60
SPF420007	¾"	\$3.90
SPF420010	1"	\$4.25
SPF420015	1½"	\$5.30
SPF420020	2"	\$7.30

MPT x Socket Adp., Reducing



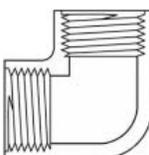
Item #	Size	Price
SPF436074	½ x ¾"	\$1.20
SPF436101	¾ x ½"	\$1.00
SPF436102	¾ x 1"	\$1.55
SPF436131	1 x ¾"	\$3.00
SPF436213	1½ x 2"	\$3.65
SPF436251	2 x 1½"	\$3.90
SPF436342	3 x 4"	\$10.20

Reducing Tee, Socket x FPT



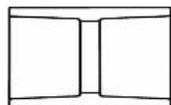
Item #	Size	Price
SPF402101	¾ x ½"	\$1.35
SPF402131	1 x ¾"	\$2.55
SPF402211	1½ x 1"	\$4.35
SPF402249	2 x 1"	\$5.15
SPF402251	2 x 1½"	\$5.15

FPT Ell, 90°



Item #	Size	Price
SPF408005	½"	\$1.70
SPF408007	¾"	\$2.20
SPF408010	1"	\$4.10
SPF408015	1½"	\$4.60
SPF408020	2"	\$6.50

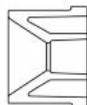
Socket Coupling



Item #	Size	Price
SPF429005	½"	\$0.46
SPF429007	¾"	\$0.55
SPF429010	1"	\$0.85
SPF429015	1½"	\$1.05
SPF429020	2"	\$1.50
SPF429030	3"	\$4.70
SPF429040	4"	\$6.50

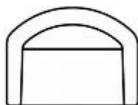
More SCH40 Fittings on the next page.

Bushing, Spig x Soc



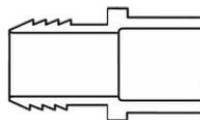
Item #	Size	Price
SPF437101	¼ x ½"	\$0.65
SPF437130	1 x ½"	\$1.00
SPF437131	1 x ¾"	\$1.00
SPF437210	1½ x ¾"	\$1.20
SPF437211	1½ x 1"	\$1.20
SPF437248	2 x ¾"	\$1.85
SPF437251	2 x 1½"	\$1.85
SPF437337	3 x 1½"	\$4.00
SPF437338	3 x 2"	\$4.00
SPF437339	3 x 2½"	\$4.00
SPF437422	4 x 3"	\$8.65

Cap, Socket



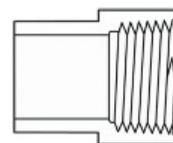
Item #	Size	Price
SPF447005	½"	\$0.62
SPF447007	¾"	\$0.65
SPF447010	1"	\$0.90
SPF447015	1½"	\$1.15
SPF447020	2"	\$1.30
SPF447030	3"	\$4.00
SPF447040	4"	\$8.90

Spig x Insert Adapter



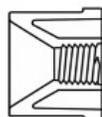
Item #	Size	Price
SPF460007	¾"	\$2.80
SPF460010	1"	\$2.60
SPF460015	1½"	\$2.40
SPF460020	2"	\$3.70
SPF460030	3"	\$10.50
SPF460040	4"	\$12.60

Female Adapter, Spig x FPT



Item #	Size	Price
SPF478005	½"	\$0.85
SPF478007	¾"	\$0.90
SPF478010	1"	\$1.25
SPF478015	1½"	\$1.80
SPF478020	2"	\$2.50

Bushing, Spig x FPT



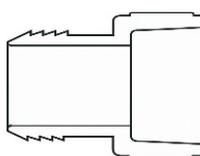
Item #	Size	Price
SPF438072	½ x ¾"	\$1.50
SPF438098	¾ x ¾"	\$1.50
SPF438101	¾ x ½"	\$1.00
SPF438130	1 x ½"	\$1.45
SPF438131	1 x ¾"	\$1.45
SPF438210	1½ x ¾"	\$2.10
SPF438211	1½ x 1"	\$2.10
SPF438248	2 x ¾"	\$2.65
SPF438249	2 x 1"	\$2.65
SPF438251	2 x 1½"	\$2.65
SPF438338	3 x 2"	\$4.00
SPF438339	3 x 2½"	\$4.00
SPF438420	4 x 2"	\$8.65
SPF438422	4 x 3"	\$8.65

Cap, FPT



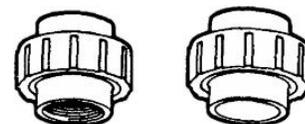
Item #	Size	Price
SPF448005	½"	\$1.25
SPF448007	¾"	\$1.30
SPF448010	1"	\$1.80
SPF448015	1½"	\$1.85
SPF448020	2"	\$3.05
SPF448030	3"	\$5.30
SPF448040	4"	\$9.00

Soc x Insert Adapter



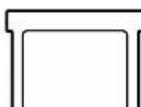
Item #	Size	Price
SPF474005	½"	\$2.15
SPF474007	¾"	\$2.30
SPF474010	1"	\$2.30
SPF474015	1½"	\$3.20
SPF474020	2"	\$5.60
SPF474030	3"	\$15.00
SPF474040	4"	\$16.50

PVC Unions



Item #	Size	Price
Threaded		
U8F005	½" FPT	\$3.00
U8F007	¾" FPT	\$4.50
U8F010	1" FPT	\$4.80
U8F015	1½" FPT	\$9.25
U8F020	2" FPT	\$14.50
Socket		
U8S005	½" SOC	\$3.00
U8S007	¾" SOC	\$4.50
U8S010	1" SOC	\$4.80
U8S015	1½" SOC	\$9.25
U8S020	2" SOC	\$12.50

Plug, Spig



Item #	Size	Price
SPF449005	½"	\$1.50
SPF449007	¾"	\$1.55
SPF449010	1"	\$1.70
SPF449015	1½"	\$2.35
SPF449020	2"	\$2.70
SPF449030	3"	\$5.60
SPF449040	4"	\$12.10

Spig x Male Adapter



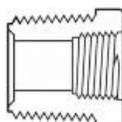
Item #	Size	Price
SPF461005	½"	\$1.10
SPF461007	¾"	\$1.20
SPF461010	1"	\$1.55
SPF461012	1¼"	\$1.85
SPF461015	1½"	\$2.20
SPF461020	2"	\$2.65

90° Street Ell FPT x MPT



Item #	Size	Price
Socket		
SPF412005	½"	\$1.50
SPF412007	¾"	\$1.60
SPF412010	1"	\$2.75
SPF412015	1½"	\$4.00
SPF412020	2"	\$6.65

Bushing, MPT x FPT



Item #	Size	Price
SPF439052	3/8" x ¼"	\$2.60
SPF439072	½ x ¼"	\$2.60
SPF439098	¾ x ¼"	\$1.80
SPF439101	¾ x ½"	\$1.80
SPF439130	1 x ½"	\$2.20
SPF439131	1 x ¾"	\$2.20
SPF439167	1¼ x ¾"	\$2.75
SPF439168	1¼ x 1"	\$2.75
SPF439210	1½ x ¾"	\$3.30
SPF439211	1½ x 1"	\$3.30
SPF439212	1½ x 1¼"	\$3.30
SPF439249	2 x 1"	\$3.35
SPF439250	2 x 1¼"	\$3.35
SPF439251	2 x 1½"	\$3.35
SPF439292	2½ x 2"	\$10.50
SPF439338	3 x 2"	\$12.35
SPF439339	3 x 2½"	\$12.35

Plug, MPT



Item #	Size	Price
SPF450005	½"	\$1.80
SPF450007	¾"	\$1.80
SPF450010	1"	\$2.50
SPF450012	1¼"	\$2.50
SPF450015	1½"	\$2.50
SPF450020	2"	\$2.50
SPF450030	3"	\$5.50
SPF450040	4"	\$12.00

90° Street Ell Socket x Spig



Item #	Size	Price
SPF409005	½"	\$1.45
SPF409007	¾"	\$1.90
SPF409010	1"	\$2.20
SPF409015	1½"	\$3.30
SPF409020	2"	\$6.70

90° Side Outlet Ell, Socket



Item #	Size	Price
SPF413005	½"	\$2.65
SPF413007	¾"	\$3.10
SPF413010	1"	\$3.50
SPF413015	1½"	\$4.85
SPF413020	2"	\$6.30

PVC Pipe Cement

Lo-VOC, medium-bodied, clear cement for use on all schedules and classes of PVC pipe and fittings up to 6" diameter.



Item #	Size	Price
PVC	½ Pint	\$5.50
PVC1	1 Pint	\$10.50
PVC2	Primer/Cleaner	\$5.50

Teflon Thread Tape

PTFE tape, 3.5 mil thickness.



Item #	Size	Price	10+
TAP005	½" x 520"	\$0.90	\$0.85
TAP010	1" x 520"	\$1.40	\$1.25

Ratchet PVC Pipe Cutter

Cuts up to 1" PVC pipe.



Item #	Size	Price
PVC45	PVC Cutter	\$18.00

Plastic Pipe & Poly Tubing Cutter

Cuts up to 1½" pipe or tubing. Fast, clean cutting.



Item #	Description	Price
PTC	Tubing Cutter	\$11.50

Pipe Joint Compound

Item #	Description	Price
PJC02	2 oz. Tube	\$1.80
PJC05	½ Pint Jar	\$4.25



Electrical Tape

EZ-FLO® (50059) PVC black electrical tape. Suitable for use below 600V and below 176°F.



Item #	Description	Price	10+
TAP007	Electrical Tape, ¾" x 60', 7 mil	\$1.15	\$1.00



Bellingham® Nitrile TOUGH® GT Gloves

Amazing wet grip. Lightweight 15-gauge nylon and spandex knit liner ensures excellent fit and dexterity. Breathable micro-foam palm and fingertip coating protects hands and enhances grip, even when wet. Great for automotive, farm, ranch and general work.



Item #	Size	Price	12+
SAF7S	Small	\$6.05	\$5.25
SAF7M	Medium	\$6.05	\$5.25
SAF7L	Large	\$6.05	\$5.25
SAF7XL	X-Large	\$6.05	\$5.25

Moldex Halfmask Respirators

The Moldex 8000 Responsible™ is a low maintenance, affordable, reusable respirator. Comes pre-assembled with cartridges.



Item #	Description	Price
M8000	Halfmask Respirator	\$54.00
M8002	Pair of Prefilters	\$6.00
M8004	Pair of Replacement Cartridges	\$21.50



Safety Goggles

Item #	Description	Price
SAF15	Chemical Splash Guard Goggles	\$4.60

Disposable Gloves

Textured, disposable gloves. Food grade. Non-medical use only.



Item #	Description	Qty	Price
SAF5S	Small Disposable Gloves	100/box	\$9.00
SAF5M	Medium Disposable Gloves	100/box	\$11.00
SAF5L	Large Disposable Gloves	100/box	\$11.00
SAF5XL	Extra Large Disposable Gloves	100/box	\$11.00

HD Nitrile Disposable Gloves

Industrial gloves w/diamond texture. Non-medical use only.

Item #	Description	Qty	Price
SAF6M	Medium HD Nitrile Gloves	100/box	\$21.00
SAF6L	Large HD Nitrile Gloves	100/box	\$21.00
SAF6XL	Extra Large HD Nitrile Gloves	100/box	\$21.00

Black PVC Gloves

Cotton Lined, 12"

Item #	Description	1-11 Pair	12+ Pair
SAF12	Black PVC Gloves	\$3.75	\$3.25



Coveralls, Kimberly-Clark® KLEENGUARD® A20

Item #	Description	Price
TCG0	Blue Hooded Coveralls, Large	\$9.60
TCG1X	Blue Hooded Coveralls, X-Large	\$9.60



Airgo Ultralight EVA Knee Boot

Perfect for garden, farm, or lawn work, this anti-fatigue boot takes the stress off your legs and feet while providing the ultimate protection in any work setting. It is 70 percent lighter than most waterproof rubber and PVC boots, while the 15" height delivers superior coverage of the ankles, calves, and shins.

- Designed for maximum comfort and durability
- A must when working on your feet all day.



Item #	Size	Price
BOOT	Children Sizes 10-12	\$31.65
BOOT	Youth Sizes 13,1-5	\$31.65
BOOT	Adult Sizes 6-13	\$36.80

*Please specify size and if children, youth, or adult

Solo® Sprayers

Solo 425® features: Four gal. HDPE tank with ultraviolet protection. Large 4.25" opening for easy filling and cleaning. Chemically resistant Viton® seals insure long life and durability. With its connecting rod-activated piston pump, the 425® is capable of producing a wide pressure range of up to 90 psi.

Solo 475® features: same as above except diaphragm pump better for abrasive wettable powder, etc. up to 60 psi.

Solo 417-Li® features: 4.5 gallon tank. Maintenance free 11V 7.2Ah lithium-ion battery, quick recharge in less than 3 hours. Adjustable pressure and output volume with two-step toggle switch. Whisper quiet and emissions free.

Solo 430-2G® features: All Viton® seals, long hose, large pump handle and other useful features. Includes an assortment of four nozzles. We stock a full line of parts & accessories for these sprayers



Item #	Description	Price
SOL425	Solo 425® Backpack Sprayer, 4 gal.	\$89.00
SOL475	Solo 475® Diaphragm Sprayer, 4 gal.	\$99.00
SOL417	Solo 417-Li® 11V Backpack Sprayer, 4.5 gal.	\$245.00
SOL430-1	Solo 430-1G® Knapsack Sprayer 1 gal.	\$31.80
SOL430-2	Solo 430-2G® Knapsack Sprayer, 2 gal.	\$34.00

Solo® Backpack Mist Blower

Ideal for applying plant protection chemicals in small orchards and vineyards, or for pest and parasite control in storage areas, or animal herds. Creates a fine mist, applying chemicals over large areas more efficiently than spraying.

- Flow control allows easy conversion to air blower mode.
- Extra large polymer impeller produces high air volume at a lower RPM, reducing fuel consumption and noise level.
- Large translucent fuel tank for extended run times.
- Improved fuel efficiency and reduced emissions with modern engine technology and catalytic converter.
- Features anti-vibe system and padded backrest.



Model	466	Horizontal Reach	36 ft
Solo Engine	2-cycle	Formula Capacity	3.7 gal
Displacement	66.5 cc	SOLO Easy Start	Yes
Horse Power	2.9 hp	Air Volume (cfm)	824
Dry Weight	22 lbs	Commercial Warranty	1 year
Item #	Description	Price	
SOL466	Solo 466® Backpack Mist Blower	\$595.00	

CHAPIN® SPRAYERS & SPREADERS

Chapin® Pro Backpack Sprayer

Chapin® Model 61800. Tank capacity: 4 gallon. Piston pump. Operating pressure 0-90 psi. Better tank cap gasket. Brass and plastic adjustable nozzle tip included. Belt and shoulder harness, similar design to Solo®. Most parts interchangeable with Solo®



Item #	Description	Price
CMW4	Chapin® 61800 4 Gallon Pro Sprayer	\$50.00

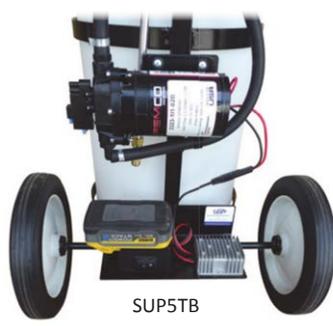
Battery Operated Sprayers

Spray Caddy: 2.2 GPM Remco pump set at 100 PSI. 15' Hose with deluxe hand wand & adjustable brass nozzle. Cart with 10" wheels. A convenient six gallon container that lifts out to fill and clean. 12V units include 12V battery with fused switch and regulated charger that prevents overcharging. SUP5TB has a tool battery adapter with overload protection and it will cut out when volts get too low.

Portable Sprayers: Ideal to mount on a garden cart, ATV, etc. 12 volt pump set at 100 PSI. 15' hose with hand wand & adjustable brass nozzle. Includes wire harness with switch & fuse to connection to 12V battery (battery not included).



SUP5



SUP5TB



SUP25

Item #	Description	Price
SUP5	Spray Caddy, 6 gal. tank	\$345.00
SUP5TB	Spray Caddy with adapter to run on Dewalt or Milwaukee 20V battery, battery & charger not included	\$345.00
SUP11	Portable Sprayer 11 gal. tank	\$78.00
SUP15	Portable Sprayer, 15 gal. tank	\$195.00
SUP25	Portable Sprayer, 25 gal. tank	\$270.00

DEWALT



BUILT FOR COMFORT AND EFFICIENCY.



Item #	Description	Price
DS420	DeWalt 20V, 4 Gallon Backpack Sprayer	\$279.00

DXSP190681 4G 20V MAX* LITHIUM-ION POWERED BACKPACK SPRAYER

The 4 Gallon 20V MAX* Lithium-ion Powered Backpack Sprayer has Variflo™ technology which allows operator to adjust the flow for multiple applications using specific nozzles for consistent and repeatable spraying. Whether it's for weeding and feeding, disinfecting, finishing concrete, or controlling pests—users are equipped for the job.



*Maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.

Backpack Sprayer Attachments and Parts



Item #	Description	Price
SOL111	10" Drift guard for back pack	\$19.60
SOL110	24" Wand with 2 nozzles for back pack	\$35.35
SOL047A	Complete Universal Wand Kit (No Hose)	\$21.00
SOL081	60" Brass Spray Wand for back pack	\$34.50
SOL033	Plastic Adjustable Nozzle	\$4.10
SOL045	Shutoff Handle	\$14.00
SOL056	Brass Adjustable Nozzle Kit with nut and screen	\$11.70
SOL100	Piston Repair Kit	\$18.90
SOL102	Diaphragm Repair Kit	\$17.25
AGR1ALM	Economy Uluminam Wand (Not Solo) 3/8" Barb	\$10.75
AGR2ALM	Heavy Duty Wand (Not Solo) 3/8" Barb	\$33.50

*More Parts in Stock Just Ask



Also Stocking Batteries

- Automotive
- Ag
- Industrial
- Marine
- Lawn-Garden
- ATV Applications.

Trailer Parts

- Axle components
- Brake controllers
- Suspensions Parts
- WheelsJacksCouplers
- Towing Accessories
- Lights and Electrical
- Cargo Control.
- Axle assemblies (Special order only)

*** All battery's and Trailer Parts not included in year end sale!**

Corona® Hand Tools

We also have other tools in stock!



Item #	Description	Price
HTBP3160	HD Hand Pruner, Classic Cut® Bypass Pruner, resharpenable forged steel blade, cuts up to 3/4"	\$20.50
HTBP3180	HD Hand Pruner, Classic Cut® Bypass Pruner, resharpenable forged steel blade, cuts up to 1"	\$24.00
HTBP3214	Economy Hand Pruner, ComfortGEL® Bypass Pruner, non-stick blade, cuts up to 3/4"	\$14.00
HTAG4930SS	Snip, Stainless Steel Long Straight Snip, unobtrusive leather strap lock, 1-3/4" pointed blade	\$10.00
HTSL7280	Forged Pro Cut Bypass Lopper, 2-Inch, Advanced blade technology and blade coating reduce cutting effort by 25%	\$44.25
HTSL3264	Economy Lopper, ComfortGEL® Bypass Lopper, non-stick blade, 30" handle, cuts up to 1-1/2"	\$25.50
HTAC4510	Universal Tool Scabbard, nylon construction, 5" deep pouch fits hand pruners, snips etc.	\$11.50
HTKN03	Small hook blade knife with 3" stainless steel blade and textured non-slip handle, Zenport	\$4.50
HTKN07	Medium harvesting knife with 7" HD stainless steel blade and textured non-slip handle, Zenport	\$8.50
HTKN07S	Sheath for above 7" knife, features belt clip and lope, stainless rivets and belt clip, Zenport	\$8.50
HTKN12	Large harvesting knife with 12" HD stainless steel blade and textured non-slip handle, Zenport	\$11.00
HTMA60041	Machete, 18" resharpenable tempered steel blade, riveted non-slip handle	\$10.00
HTTP3841	Tree Pruner, 15" steel saw blade, extends up to 12' with twist lock adjustment, cuts up to 1"	\$63.00



Item #	Description	Price
HTRK64060	Level Head Rake, 60" Aluminum handle, Forged 14" wide, 14 tine head for rapid tilling and leveling	\$36.00
HTRK20002	Bow Head Rake, 60" Ash wood handle, Tempered bow head, 16" wide, 16 curved tines	\$30.00
HTRK65061	Bow Head Rake, 60" Aluminum non-slip handle, Tempered bow head, 14" wide, 14 curved tines	\$38.00
HTRK61063	30" Wide Aluminum Landscape Rake with leveling head & 60" Aluminum handle with vinyl sleeve	\$58.50
HTSH20000	Garden Hoe, 54" wood handle, Popular 6" wide blade with swan-shaped neck to prevent soil buildup	\$29.00
HTSH60060	Garden Hoe, 60" Aluminum non-slip handle, Popular 6" wide tempered steel head	\$30.50
HTSH60061	Oscillating Hoe, 60" Aluminum non-slip handle, Double-edged 6" blade for push/pull weed	\$33.00
HTCT3010i	Trowel, Easily dig, plant, pot, and more with a sharpened 3" wide blade	\$7.00
HTCT3020i	Trowel/Transplanter, Insert new plants at proper depth with a 21/8" wide marked & graduated blade	\$7.00
HT-TP3206	Long reach bypass pruner, PowerGlide® Grip, swivel head, 62" long, cuts to 1-1/4"	\$45.00



HTFK70010



HTGT3234



HTGT3244



HTLG3694



HTRK25024



HTRK45030

HTFP2312



HTHS3911

Item #	Description	Price
HTFK70010	Heavy Duty Four Tine Digging Fork, 30" Ash Handle, D Grip	\$46.00
HTGT3234	36" Extended Reach 7 Tine Rake, ComfortGEL Grip	\$13.05
HTGT3244	36" Extended Reach Raised Bed Hoe/Cultivator, ComfortGEL Grip	\$13.95
HTLG3694	Quick Collector 48" Carbon Steel Handle, ComfortGEL Grip	\$39.00
HTRK25024	Poly Leaf Rake, 24" Wide, 48" Hardwood Handle	\$9.85
HTRK45030	Big LOAD Poly Leaf Rake, 30" Wide, 60" Aluminum Handle	\$25.90
HTFP2312	Extendable Fruit Picker, Up to 12' Reach, Aluminum Pole	\$35.05
HTHS3911	Hedge Shears, 8 1/2" Resharpenable Blades, 9 1/2" Hardwood Handles	\$29.65



HTFS3394



HTCT3324



HTCT3030i



HTAS90240



HTSS26020



HTSS60020



HTSS26010



HTAC8300

Item #	Description	Price
HTFS3394	Floral Scissors, Stainless Steel	\$11.50
HTCT3324	Transplanter, Dig, Cut & Transplant with serrated edge and depth gauge & sharpened blade	\$10.70
HTCT3030i	Cultivator, Weed, Break & Mix Soil with 3 angled tines set 1 1/4" Apart	\$7.00
HTAS90240	All STEEL Nursery Spade, 15" Long Sharpened Steel 12 Ga. Diamond Head, 51" Handle	\$103.00
HTSS26020	#2 Round Point Shovel, 48" Fiberglass Handle, 15 Gauge Steel Blade	\$17.55
HTSS60020	HD #2 Round Point Closed Back Shovel, 48" Solid Core Fiberglass Handle, 14 Gauge Steel Blade	\$54.50
HTSS26010	#2 Round Point Shovel, 30" Wood Handle D-Grip, 15 Gauge Steel Blade	\$16.30
HTAC8300	5" Sharpening Tool, Sharpen All Blades (Excludes Saw Blades), Carbide File	\$8.55



CORONA
SEASON AFTER SEASON

OUTWORK. OUTPERFORM. OUTLAST.

Any Flow Frost Proof Hydrants

High Capacity Top Quality



Item #	Description	Bury Depth		Price
HYD0072	3/4"	2'	20 GPM	\$117.00
HYD0073	3/4"	3'	20 GPM	\$128.00
HYD0103	1"	3'	28 GPM	\$165.00
HYD0076	3/4"	6'	20 GPM	\$154.00
HYD0106	1"	6'	28 GPM	\$192.00

Frost Proof Wall Hydrant

High Capacity Top Quality



Item #	Description	Bury Depth	Price
HYD12	3/4"	12"	\$17.50

SS or BRASS PIPE/INSERT FITTINGS



Item #	Description	Price
BF 1401007	3/4" Tee Insert	\$8.00
BF 1401010	1" Tee Insert	\$11.00
BF 1401012	1-1/4" Tee Insert	\$18.70
BF 1403007	3/4" Hydrant Tee Ins xMPT	\$11.00
BF 1403010	1" Hydrant Tee Ins x MPT	\$14.00
BF 1403131	1x3/4" Hydrant Tee Ins xMPT	\$11.40
BF 1406007	3/4" Ell Insert	\$7.50
BF 1406010	1" Ell Insert	\$11.50
BF 1406012	1-1/4" Ell Insert	\$17.50
BF 1413002	1/4" Ell, Insert x MPT	\$4.00
BF 14130042	1/2x1/4" Ell, Ins x MPT	\$3.00
BF 1413007	3/4" Hydrant Ell Ins x MPT	\$7.75
BF 1413010	1" XL Hydrant Ell Ins x MPT	\$11.50
BF 1413131	1x3/4" Hydrant Ell Ins x MPT	\$9.50
BF 1413168	1.25x1" Hydrant Ell Ins x MPT	\$14.00
BF 1429007	3/4" Insert Coupling	\$4.00
BF 1429010	1" Insert Coupling	\$7.00
BF 1429012	1-1/4" Insert Coupling	\$8.50
BF 1429020	2" Insert Coupling	\$17.00
BF 1436002	1/4" Male Insert Adp.	\$1.00
BF 14360032	1/4x3/8" Male Adp MPTxIns	\$1.00
BF 1436007	3/4" Male Insert Adp.	\$4.25
BF 1436010	1" Male Insert Adp.	\$7.00
BF 1436012	1.25" Male Insert Adp.	\$11.00
BF 1436020	2" Male Insert Adp.	\$19.50
BF 1436102	3/4x1" Male Adp.MPTxins	\$6.00
BF 1436131	1x3/4" Male Adp. MPTxIns	\$7.00
BF 1436132	1x1.25" Male A. MPTxIns	\$6.75
BF 1436168	1.25x1" Male Ap MPTxins	\$8.00
BF 405012	1-1/4" Tee, FPT	\$22.00
BF 405020	2" Tee, FPT	\$39.00
BF 408020	2" 900 ELL, FPT	\$24.00
BF 430007	3/4" Coupling, FPT	\$5.25
BF 430010	1" Coupling, FPT	\$6.00
BF 430012	1-1/4" Coupling, FPT	\$9.00
BF 430020	2" Coupling, FPT 1	\$16.00
BF 439101	3/4x1/2" Bushing, MPTxFPT	\$2.20
BF 439131	1x3/4" Bushing, MPTxFPT	\$3.40
BF 439168	1-1/4x1" Bushing, MPTxFPT	\$5.00
BF 883030	3/4 x 3" Nipple, MPT	\$3.50
BF 884030	1 x 3" Nipple, MPT	\$4.80
BF 885030	1-1/4 x 3" Nipple, MPT	\$5.40
BF 887005	2" x CLOSE Nipple, MPT	\$6.00
BF 887040	2 x 4" Nipple, MPT	\$12.00

Franklin Electric Submersible Pumps

Heavy Duty Stainless Steel Pumps

- Wide Selection of Sizes
- 4" Dia. Available in: 5 - 100 GPM
- 1/2 - 5 Hp up to 600 Ft Head Lift
- We can select the right pump for your well.



***2-6 week lead time!**

***We can also get Jet Pumps (1/2, 3/4 and 1 hp)**

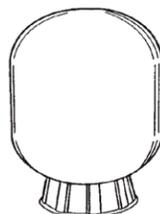
Submersible Pump Cable

Heavy Duty, Double Jacketed, Flat Black, Cut to length

Item #	Size	Price
FPW103	10/3 +ground (4 wire)	\$2.38/ft.
FPW123	12/3 +ground (4 wire)	\$1.75/ft
FPW143	14/3 +ground (4 wire)	\$1.62/ft
Reel of 500', call for price		

Pressure Tanks

Pre-Charged



Item #	Tank Capacity	Price
FRL032	1" 32 Gal. 10 Gal.	\$312.00
FRL044	44 Gal. 14 Gal.	\$470.00
FRL062	62 Gal. 19 Gal.	\$570.00
FRL086	86 Gal. 28 Gal.	\$615.00
FRL119ww	119 Gal. 37 Gal.	\$875.00
BF-125XL2	1-1/4" Tank Tee	\$63.00

Brass Adj. Pressure Relief

Preset 75 PSI

Item #	Size	Price
BPR005	1/2"	\$6.00
BPR007	3/4"	\$8.50

Pressure Switches, Adjustable

Item #	Description	Price
SQD3050	Sq D Switch 30-50 PSI	\$16
SQD4060H	Merrill Heavy Duty 40-60 PSI up to 3 hp@230v	\$72

Well Accessories

Item #	Description	Price
BPA010	1" Brass Pitless Adp. Up to 300' Pipe	\$52.00
BPA012	1-1/4" Brass Pitless Adp. Up to 300' Pipe	\$72.00
WSK41014	Waterproof Wire Splice 10-14 Ga Kit/4	\$5.00
WSK40810	Waterproof Wire Splice, 8-10 Ga Kit/4	\$6.00
WSK40608	Waterproof Wire Splice, 6-8 Ga IGt/4	\$10.50
WSK404	Waterproof Wire Splice, 4 Ga IGt/4	\$10.50
WEL50N	Torque Arrester for 1 or 1 1/4" Pipe	\$7.20

Asparagus

Mary Washington

Bright Green stalks are large, noted for uniform size, gourmet flavor. Sweet, tender spears, nearly immune to rust. Soak seeds 48 Hours before planting.

Pkt 200 sd	
PKT	1 oz
\$2.50	\$4.00

UC-72

Yields large light-green tight spears. An improved Mary Washington type with resistance to Fusarium Wilt and Rust. Higher yielding but not quite as uniform. Soak seed 48 hours before planting.

Pkt 200 sd 500	
Pkt 200	sd 500
\$2.50	\$5.00

Bush Beans

Plant every two weeks from April to August at the rate of ½ pound to a 50 foot row. Sow beans 3 inches apart, 1 ½ to 2 inches deep, in rows 2 feet apart. Cultivate frequently but never when the plants are wet.

Blue Lakes Bush

55 Days - Bush type of famous pole variety. Tender, delicious flavor. Long 6 x 3/8 inch round green pods. Canning and home use.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.75	\$4.75	\$17.55

Contender

55 Day Has excellent disease resistance. Has mottled seed inside oval pods. For market and home garden use..

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.25	\$3.50	\$4.50	\$16.55

Green Crop

52 Days - Popular, flat podded, Kentucky Wonder-type bean with very long, medium-green 7" pods and excellent flavor. Romano Type.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.45	\$4.48	\$18.25

Jade

56 Days -Extra long straight pods, great flavor. Extra good in every way. Produces high yields of tender 6 to 7 in. long stringless round pods. Resistant to bean mosaic, early top virus and rust.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.75	\$5.75	\$22.50

Kentucky Wonder 125

65 DAY -No staking needed! Same great taste as pole variety, but with the bush bean advantage for picking. Crisp meaty pods measure up to 8" long, packed with great-tasting seeds. Big yields – Vines keep on producing as long as they are harvested regularly.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.25	\$3.00	\$5.00	\$19.00

Navajo

56 Days – A flat pod, Roma type bean with a compact, erect bush. Straight pods are 0.75" wide. 5" long and Medium Green Color.

500	1 M	2 M	5M	10 M
\$3.25	\$6.00	\$11.25	\$26.50	\$48.25

Roma II

55 Days - Discover the remarkable flavor and tenderness of this bush type Romano or Italian bean. Produces high yields of large medium green, smooth, at pods. Tenderness and flavor make it one of the very best varieties for canning and freezing.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.85	\$4.25	\$19.10

Strike

55 Days - A very good variety for a Produce grower. A high yield, easy to pick bean has white seeds in round pods. is is a good seller.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.85	\$4.25	\$19.00

PV857 *NEW*

53 Days – This dark green 5½" round bean has the best heat set we have ever seen. Plant for mid summer flowering. Erect bush with concentrated sets of 3–4 sieve pods.

500	1 M	2 M	10 M
\$3.25	\$4.75	\$8.66	\$38.00

Tenderette

56 Days - Excellent for home gardening. Freezes well. 5 ½" – 6 ½" round pods. Good disease resistance.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.50	\$5.25	\$20.00

Topcrop

50 Days - Disease resistant. Plants are upright and vigorous. Light green pods 6 inches long, round, slightly creaseback. Stringless, brittle, meaty and without fiber. For canning and freezing.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.80	\$5.75	\$22.00

Heirloom Pole Beans

Plant these heirlooms for a delicious old time flavor.

Brown Greasy Bean

A short round bean. Very good flavor. An old time KY favorite.

¼ lb.	½ lb.	1 lb.	5 lb.
\$6.45	\$11.00	\$21.00	\$100.00

Goose Bean

A large at, wide bean. A delicious flavor

¼ lb.	½ lb.	1 lb.	5 lb.
\$6.45	\$11.00	\$21.00	\$100.00

Rattle Snake Bean

Gives a long, striped bean.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.10	\$3.00	\$5.60	\$24.00

Red Eye Fall

Can be eaten young as green bean or left to dry and used as a shell bean. Is also known as Southeastern Kentucky Stringless Pole Bean.

¼ lb.	½ lb.	1 lb.	5 lb.
\$6.45	\$11.00	\$21.00	\$100.00

White Greasy Bean

White and a little bigger bean than the brown greasy.

¼ lb.	½ lb.	1 lb.	5 lb.
\$6.45	\$11.00	\$21.00	\$100.00

Half Runner Beans

Half Runner beans all require staking, But they are well worth the effort.

Malibu

75 DAY – Strong, healthy plants with tender, tasty pods. Round-bodied and light, minty green pods are delicious with no strings even up to 7" long. Tall-growing plants put these beans within easy reach for picking. Heavy harvests provide plenty for market or canning. White Seeds.

¼ lb.	½ lb.	1 lb.	5 lb.
\$4.00	\$6.00	\$10.90	\$49.25

Mountaineer White Half Runner

60 Day - Noted for its early maturity and produces very heavy. Disease resistant.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.70	\$4.50	\$20.00

Pink Half Runner (Peanut)

60 Days - Dual purpose bean for snaps or baking. Bright red pods mature to 4 ½". Seeds are pink.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.00	\$5.40	\$21.90

State Half Runner

60 Days - 4" Oval pod, A commercial favorite, Longer then White Half Runner.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.85	\$4.75	\$20.00

Volunteer Half Runner

60 Days - This medium length runner has light green, 4 – 6" pods and white seeds. Continuous set for 3 or 4 hand harvests. Volunteer has resistance to BCMV and rust. Developed at the University of Tennessee.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.70	\$4.25	\$20.00

White Half Runner Bean

60 Days – Plants are bushy at base with medium long runners 3-4 ft. long. Pods have oval, small white seeds. Good garden variety, has a distinctive, good flavor.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.70	\$4.50	\$20.00

Lima Beans

Christmas Speckled (Pole)

88 DAY Large flat seeds are white with crimson splotches. Great for green shell or dry. Grow up to 9' tall.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.75	\$6.00	\$25.00

Fordhook 242 (Bush)

75 Days - Fordhook 242 High quality, large seeded limas. Reliably sets blossoms and pods under adverse weather conditions.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.75	\$6.00	\$25.00

Henderson Baby Lima (Bush)

70 DAYS UNTREATED About 14 inches high, erect and runnerless. Dark glossy green pods 2 1/2 inches long, with 3 or 4 thick, light green beans. Good flavor .

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.25	\$5.50	\$24.50

King Of The Garden (Pole)

88 DAYS - An important strain of the large white pole lima. Pods are 5 to 6 inches long, containing 4 to 5 large beans of good quality.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.75	\$4.25	\$6.75	\$27.50

Pole & Corn Field Beans

Plant these using stakes or plant right in your corn field.

Blue Lake Pole Bean

60 Day - 6" to 6.5" pods on vigorous vines, need to be trellised or on poles.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.75	\$6.00	\$25.00

Brown Kentucky Wonder

65 DAY - Plant: 5-7 feet, good climber, hardy, prolific, widely adapted. Pods: 7 ½ to 8 ½ inches, curved, at oval, meaty, stringless and tender when young . Seed: Bluff Brown. Distinctive flavor and excellent quality when young . One of the most widely used and best home garden pole varieties for cut beans and freezing.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.75	\$6.25	\$25.50

Kentucky Wonder Pole

65 Days - White seeded. Probably still the most popular pole bean in the states today. Pods grow in clusters. Silvery green, meaty and slightly stringy.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.75	\$4.10	\$7.35	\$31.50

Kentucky Blue

60 DAY - The match makers of this 1991 All American Winner took the two most popular pole beans and came up with the next step better. Has the flavor of Kentucky Wonder with the enhanced sweetness of the Blue Lake side. Vigorous vines produce an abundance of 6-7" straight, round pods throughout an extended growing season.

¼ lb.	½ lb.	1 lb.	5 lb.
\$4.60	\$8.25	\$15.20	\$65.00

McCaslan

63 DAY - A vigorous grower and heavy producer, unlike other varieties, producing from the ground up over a long season. e pods are medium green, eight inches long, large, flat, slightly curved, thick and meaty, stringless, brittle, fine grained and of excellent quality if harvested young.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.75	\$5.75	\$24.00

Shell & Soup Beans

Good for drying, shelling, and for making soup.

Dwarf Horticultural

54 Days Pods 5 ½ to 6 ½ inches long, light green and stringless in snap stage, turning white with splashes of crimson as it matures.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.00	\$4.95	\$20.00

Great Northern Navy Beans

90 Days - Large white high protein bean, Used in chili soup and baking.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.75	\$7.25	\$26.50

Navy Beans

88 Days - Small white dry shell bean cooks without getting mushy, Used in chili soup and baking.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.50	\$5.00	\$20.00

Pinkeye Purple Hull Cow Pea

63-65 DAY - Vigorous bush type plant type to semi-vining. Peas are light green with red eye at green shell stage, turning white with maroon eye when dry. Good producer.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.25	\$5.25	\$23.50

Pinto Bean

90 days - Bush Bean type, most popular variety for dry shell beans for winter use.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$2.75	\$4.60	\$18.95

Red Kidney Beans

80 Days - Used in chili soup and baking.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.50	\$5.00	\$20.00

Royal Burgundy

55 DAY – The erect plants yield Long straight smooth pods. Pods turn green when cooked. Germinate in cool soil. A very good fresh eating green bean. Resists bean beetles.

¼ lb	½ lb	1 lb	5lb
\$2.00	\$3.25	\$5.25	\$20.00

Be Sweet 292

85 Days - 24" vegetable soybeans from Rupp genetics are in a class of their own for table use. They produce very large beans that are high in protein and sweet. Used as a shelled green bean with eating quality similar to limas and higher protein than either peas or limas. The best flavored of all food grade soybeans.

¼ lb	½ lb	1 lb	5lb
\$4.00	\$7.50	\$13.85	\$66.75

Shinonome Soybean

80 Days – OP. Bushy 3 foot plants produce pods on multiple stalks. Perfect variety for soymilk, miso, tofu and edamame. For edamame pick the green pods when 90% filled out. For dry seeds let pods dry in field until 80-90% of leaves have dropped.

¼ lb	½ lb	1 lb
\$6.45	\$11.00	\$21.00

Bush Bean (Yellow)

Add color to your bean bowl.

Carson

53 Days – Early, easy setting; dependable producer. An excellent choice for local markets. Yields lots of 5-5 ½" round tender yellow pods with white seeds. Plants are upright and open allowing for easy clean harvest. Has resistance/tolerance to Anthracnose, Common Bean Mosaic Virus, NY15 and Bacterial Spot.

500	1 M	2 M	10 M
\$3.50	\$5.75	\$10.50	\$49.20

Top Notch Golden Wax

50 day - Very productive, upright compact bush variety of waxed bean. Pods are ready for picking as early as 50 days and continue to appear on the plants until frost. Has a mild buttery-sweet taste when cooked and taste delicious as dry shell bean. Also great for canning or freezing. Plants can make runners producing flat beans in certain conditions.

¼ lb	½ lb	1 lb	5 lb
\$2.50	\$4.00	\$5.75	\$25.00

Legume Inoculant

Using an Inoculant results in better plant and root system growth for legumes (beans). Legumes plants can produce their own nitrogen, through a relationship with bacteria called Rhizobia which is found in VISJON BIOLOGICS Inoculant. This is an all natural product that is organically certified. 1.5 ounces treats approximately 8lb of seed.

1.5 oz	6 oz
\$7.50	\$14.00 (treats 50 lb seed)

Beets

Sow in rows 1 ½ feet apart, and when the plants are about 2 inches high, thin to 3 inches apart. For winter storage, late beets may be packed in moist soil in a cool cellar. One ounce of seed plants a 50 foot row.

Cylindra

60 Days O.P. - A new shape and just right for making all slices the same size. One of the best for quality, the dark red color is tops. Grows about 5" long with the shoulder above ground. 1 ½ – 2 inch diameter.

1 oz	¼ lb.	½ lb.	1 lb.
\$2.70	\$6.50	\$10.00	\$17.75

Detroit Dark Red

58 Days O.P. Main crop variety. Roots round, smooth, deep blood-red. Good for late summer and fall.

1 oz	¼ lb .	½ lb.	1 lb.
\$2.00	\$3.50	\$5.75	\$9.75

Red Ace F-1

53 Days - Excellent For Bunching. Red Ace is a fast growing hybrid of the Detroit Short top type. Extremely smooth root of even red color resists zoning in hot weather. A smooth, medium size crown supports tops which are short and erect, which can be harvested for greens from early growth well past maturity.

Pkt	2 M	5 M
\$2.00	\$3.75	\$8.00

Rodina

58 Days -An Excellent ultra uniform cylindrical type, with hybrid seeding vigor for early very uniform stands. Produces an outstanding crop of 6" x 2" very smooth, dark green and slow bolting. Moderately tolerant to rhizotonia, drought, DM, PM, and CLS, hybrid.

1M	5M	10M
\$2.00	\$7.00	\$13.00

Sugar Beet

85 Day - Sugar beet roots are a very large, white, 2 - 3 pound tapered root. A hardy grower that has a super high sugar content, is cold tolerant and can thrive in sun or partial shade. It doesn't require a lot of water. Enjoyed as a sweet root vegetable, the roots or leaves can be consumed raw, grated or sliced into green salads. Popular for livestock and deer feed.

Pkt	1 oz	¼ lb	½ lb	1 lb	5 lb
\$2.00	\$3.75	\$7.00	\$12.75	\$20.00	\$68.00

Broccoli

Start seed in hot beds in early spring or sow in the garden when soil is in condition to work. Transplant to open ground when plants are six weeks old, setting them 2 feet apart in rows.

Emerald Crown

48 Days - This is another kind with a good tight head for market or home garden. Early variety.

Pkt.	250	500	1M	5 M
\$2.00	\$4.50	\$7.75	\$12.75	\$55.50

Gypsy

74 Days - Smooth dome heads with good holding ability.

1 pkt.	250	500	1M	5M
\$2.00	\$4.25	\$7.50	\$12.00	\$50.50

Imperial

87 Days - Moderate heat tolerance. Produces dense semi domed heads, in warm weather.

1 Pkt.	250	500	1M	5 M
\$2.00	\$4.50	\$7.75	\$12.75	\$53.50

Lieutenant

58 Day - Dark green with medium small beads and smooth dome. Lieutenant is an early maturing variety for spring seeding that rivals main season broccoli for quality. It holds better than others in its class and is less likely to have problems. It may work for fall planting, but not if early growth is during hot weather.

Pkt	250	500	1M	5M
\$2.00	\$4.50	\$6.25	\$10.90	\$46.00

Luna

70-75 Day - Semi crown, medium small, dark blue-green head. Early and very uniform maturity with excellent head quality. Medium plant vigor.

1 Pkt.	250	500	1M	
\$2.00	\$4.25	\$7.25	\$11.95	

Cabbage

Start indoors in January or February, and transplants to the open ground, setting the plants 18 inches apart in rows 2 to 2 ½ feet apart. For fall crops, the seed may be sown directly in the row. Plenty of nitrogen-rich fertilizer and frequent cultivation are necessary.

Bronco

80 Day - Round, short core, 3-6 pound heads are protected by waxy leaves. Sets the standard for excellent yields & shipping quality. The heads can get very dense.

Pkt.	250	500	1M	5M
\$2.00	\$3.75	\$6.00	\$10.25	\$42.00

Bravo F-1

85 DAY - Large, round heads are uniform and a beautiful blue-green color. Use 10 - 12 inch spacing for market and 18 - 24 inch spacing for kraut.

Pkt.	500		1M	5M
\$2.00	\$4.75		\$8.25	\$35.00

Charmant F-1

60 DAY - This hybrid cabbage is Stonehead maturity but slightly larger in head size and frame. Recommended for spring and summer sowing, as it holds well in summer heat. Very compact - well adapted for close spacing. 3 to 5 lb. heads are solid with a short core.

1 PKT	500		1M	5M
\$2.00	\$6.00		\$10.90	\$46.60

Early Flat Dutch

85 DAY - 7-10 lb. heads are round and firm with a fine flavor.

1 Pkt	500		1M	5M
\$2.00	\$3.00		\$4.00	\$8.00

Early Round Dutch

58-70 Day - A slow to bolt early season 2-5 lb. variety with solid, oval 5-7 in. heads and a short core with good wrapper leaves. This high yielding variety is somewhere between a drumhead and a ball head type.

1 Pkt	500		1 M	5M
\$2.00	\$3.00		\$4.00	\$8.00

Mammoth Red Rock

90 Day - Deep reddish purple heads weigh 5-7 lb. The flattened globe heads keep well for storage.

1 Pkt	500		1 M	5M
\$2.00	\$3.75		\$4.00	\$8.00

Premium Late Flat Dutch

100 DAY - Small core and white interior; 10-12 lbs.

1 Pkt	500		1M	5M
\$2.00	\$3.00		\$4.00	\$8.00

Stonehead (HYBRID)

50 Days - Named for its extremely solid interior. Short stemmed, with nearly round heads 6 ½ inches wide and 5 ½ inches high. Will stand for two weeks to 20 Days without bursting. Yellow resistant and tolerant to black rot.

1 Pkt.	500		1M	5M
\$2.00	\$4.75		\$8.00	\$35.00

Savoy King Hybrid

75 DAY - The Curly Cabbage . The most vigorous, uniform and high yielding savoy. Dark green, semi flat heads average 4 lbs. for fall crops; smaller and lighter green when grown for spring. Slice thinly and add to salads for a "gourmet" look. AAS winner. Disease resistant.

1 Pkt.	250	500	1M	5M
\$2.00	\$4.00	\$6.75	\$13.00	\$65.70

Brussel Sprouts

Frost improves both quality and flavor of the vegetable . Handle seed and small plants like late cabbage.

Long Island Improved

90 Days O.P. - Dwarf, compact, hardy, Solid heads of delicious flavor.

1 PKT	1 oz	4 oz
\$2.00	\$4.00	\$7.00

Cabbage (Chinese)

Nice crunchy, and juicy.

Blues Chines Cabbage

57 DAY - Ultra slow bolting, high disease tolerance, superior performance in spring or early fall.

1 Pkt.	500	1M
\$2.00	\$3.50	\$5.50

China Express Hybrid

62 DAY - A reliable early napa type with good weight. A widely used variety with disease resistance/tolerance.

1 Pkt.	500	1M
\$2.00	\$3.50	\$6.25

China Star Hybrid

69 Day - Untreated seed only. Large napa heads with dark green external color, deep yellow interior color, is slow bolting. Tolerant to tipburn and black speck. A star it is.

1 Pkt	500	1M
\$2.00	\$3.75	\$6.75



Carrots

When plants are a few inches high, thin to 2 to 3 inches apart.

Bolero	*NEW*		
75 Day - Roots are uniform, medium long 7-8". Thick, slightly tapered, blunt Nantes type. Good storage carrot, works well for fall and winter harvest. Hybrid			
PKT	1M	5M	
\$2.00	\$3.50	\$12.50	

Danvers Half-Long			
75 DAY O.P. - Roots deep orange, longer than Chantenay, crisp, sweet and tender. Good for storing and shipping.			
1 Pk.	1 oz.	½ lb.	1 lb.
\$2.00	\$3.25	\$8.00	\$14.85

Imperator			
58 77 DAY - Slender, 8-10" roots are slightly tapered with deep-orange flesh, small core and strong 20" tops. Likes deep loam soil. Excellent for fall crops in the North. Hybrid-like uniformity, fine quality and flavor.			
1 Pk.	1 oz.	½ lb.	1 lb.
\$2.00	\$3.25	\$8.50	\$15.55



Cauliflower

Grow like cabbage. Leave 2 feet between plants and 3 feet between rows. When the heads are about 3 inches across, tie up the outer leaves to aid in blanching.

Cheddar F1			
68 Day - Unique orange heads are uniform, smooth and well domed. Weight and firmness is similar to white varieties, but it has about 25 more times beta carotene. Easy to grow when spring planted in areas of moderate temperatures. Leave head untied for maximum orange color. In warmer regions, plant later to assure head development for fall harvest. Specialty, fresh market, salad mix.			
Pkt 25 sd	250	500	1M
\$5.00	\$27.75	\$54.00	\$94.00

Flamenco			
71 Day - Med-Large, erect, vigorous. Our favorite variety for fall production with an excellent self-wrap.			
1 Pkt.	250	500	1M
\$2.75	\$7.00	\$13.75	\$25.25
			\$125.00

Graffiti F1			
60 days warm, 112 days cool - Deep purple curd well protected by deep bronzy green wrappers. Large frame with domed heads. Color reaches max intensity in full sun at full maturity when heads are at 2 lb. Color is best at table when steamed or raw; if boiling, 1 tsp lemon juice can be added to water to help retain color.			
Pkt 25 sd	250	500	1M
\$4.00	\$28.00	\$52.00	\$101.50

Snow Crown Hybrid			
68 Day - Has greater vigor and easy to grow snow white heads. Ideal for home gardeners and growers.			
1 Pkt.	250	500	1M
\$2.70	\$5.00	\$9.75	\$16.95
			\$79.75

Twister			
75 Days - Medium Large, heavy headed. Good heat tolerance. Wraps Well.			
1 Pkt.	250	500	1M
\$2.00	\$6.25	\$11.25	\$21.30
			\$91.00

Celery

Grows best in moist, fertile loam. Sow the seed indoors, and transplant 6 inches apart, with 2 ½ feet between rows. Use boards, heavy paper or soil around the plants for blanching.

Celery Tall Utah			
52-70R 98 DAY - Tall, vigorous high yielding with long clean stalks and crisp tender texture. Resistant to black heart.			
1 Pkt	1 oz		
\$2.15	\$5.00		

Collards

Georgia Southern
75 DAY - This old standard has erect, spreading 36 inch plants with large cabbage-like, juicy leaves that are blue-green and slightly crumpled. Tolerant to heat and poor soil, slow to bolt and very rapid growing. A light freeze improves its mild cabbage-like flavor.

1 oz	¼ lb	½ lb.	1 lb.
\$2.00	\$4.95	\$7.95	\$14.00

Corn (Sweet)

Plant in well fertilized ground after it has become warm and dry in the spring. 1/8-lb. of seed will plant 50 feet. If in rows, space the seeds 3 inches apart, with 2 feet between rows; and thin the young plants to 10 inches apart. M=1000 seeds

Allure Bi-Color			
75 Day - Excellent seed vigor for early plantings. Attractive bicolor 8" - 8 ½ " ear with very good flavor and sweetness. Husk is dark green with good cover.			
500	1 M	2 M	5M
\$7.50	\$12.76	\$25.30	\$61.30

Argent White			
86 DAY - SE Reasonably early good cold soil vigor variety that produces sugar enhanced, large, thick good, quality ears with its perfect blend of sweetness and flavor. Each ear has 16-18 rows of delicious creamy white kernels.			
¼ lb .	½lb.	1 lb.	5 lb.
\$5.35	\$9.75	\$17.75	\$86.00

Ambrosia Bi-Color			
75 DAY SE - A bi-color bodacious with good spring vigor, delicious eating quality. 8" ears. Plant after soil temperature has warmed.			
¼ lb.	½ lb.	1 lb.	5 lb.
\$6.00	\$10.25	\$19.90	\$97.00

Bodacious Yellow			
75 DAY SE - Has exceptionally tender kernel with superior sweet flavor that holds well after harvest.. Eighteen rows of golden kernels on 8 inch ear.			
¼ lb.	½ lb.	1 lb.	5 lb.
\$4.95	\$9.60	\$18.80	\$92.00

Early Sun Glow Yellow			
63 Day - su. A good early one that has stood the test of time for a home garden variety. Has outstanding cool weather vigor. 7" ear length.			
500 sds	1M	2M	5M
\$3.95	\$6.50	\$12.90	\$26.50

Golden Bantam			
75 Day - O.P. The 12 row strain. An old time favorite for 50 years! Ears are very uniform 6" long and slender.			
¼ lb.	½lb.	1 lb.	5 lb.
\$2.75	\$4.50	\$7.75	\$35.00

Hickory King White O.P.			
110-130 DAY - Creamy white. Very large kernels on 7 to 8 inch ears. The large deep kernels make this a great choice for hominy grits. Stalks are 7 ½ - 8 feet tall. Used extensively in cotton belt and southern corn belt for roasting ears.			
½ lb.	1 lb.	5 lb.	50 lb
\$2.50	\$4.25	\$15.00	\$82.00



Incredible Sweet Corn

Hickory King Yellow O.P.

110-130 Day - Is same as the white (above) except it's yellow.

½ lb.	1 lb.	5 lb.	50 lb
\$2.50	\$4.25	\$15.00	\$82.00

Honey Select Yellow

79 DAY - Triple sweet. This is a new wonder in sweet corn. It is a tenderness of sugar enhanced varieties. It keeps its eating quality longer after ripening.

500	1 M	2 M	5 M
\$4.60	\$8.85	\$17.25	\$43.00

Incredible Yellow

85 DAY SE - Our No. 1 seller. A truly gourmet sweet corn for home gardens, fresh market, roadside stands and shipping. Good husk protection with green husk flag leaves. Eighteen rows 9½ inch ears with long shelf life.

¼ lb.	½ lb.	1 lb.	5 lb.
\$5.25	\$9.30	\$18.30	\$89.60

Kandy Korn Yellow

81 DAY SE - Unlike other hi-sugared corns, Kandy Korn does not require isolation from other varieties. Very tender pericarp and extended holding ability. Up to 10-14 Days longer than other corns. Burgundy red stalk, husks are bright green and red.

500	1 M	2 M	5 M
\$5.00	\$8.00	\$14.00	\$33.75

Montauk Bi-Color

80 Day - Main season synergistic with excellent appearance, flavor, and sweetness. 8" ears with good cover.

500	1 M	2 M	5 M
\$8.50	\$14.95	\$28.50	\$67.50

Obsession SH2 Bi-Color

79 DAY - Obsession is a bi-color high quality shrunken with an 8 - 8 ½ inch ear, attractive husks and flag package with good tip cover. It has excellent eating quality because it has the Sh2 holding quality with kernels that have a more tender pericarp. An excellent main season variety.

500	1M	2 M	5M
\$7.50	\$12.50	\$24.00	\$55.75

Peaches & Cream Med EH (SE) Bi Color

83 DAY - When consumers think of bi-colors, they think of Peaches & Cream. Ear length is 8 ½ inches by 1.8 inches in diameter. This large ear has 18 - 20 row count with long flags and good cover.

500	1 M	2 M	5 M
\$5.25	\$8.55	\$16.00	\$34.60

Providence

80 Day - 8" ear with good husk cover. 7' tall sturdy stalk. Synergistic Triplesweet™ with higher levels of sweetness.

500	1M	2M	5M
\$7.00	\$11.00	\$20.54	\$54.25

Serendipity Bi-Color

82 Day Triple Sweet. A high eating quality corn, a bi-color with a super sweet kick for extended shelf life.

250	500	1 M	2 M	5 M
\$3.40	\$6.75	\$11.00	\$20.90	\$46.50

Silver Queen White

92 DAY SU - High quality white corn that is excellent for home gardening or market. The stalks grow 7 to 8 feet tall and bear ears 8 to 9 inches long. The ears have 14 to 16 rows of snow-white kernels.

250	500	1 M	2 M	5M
\$3.60	\$5.60	\$9.00	\$17.50	\$39.75

Silver King White

82 DAY SE - Has good disease tolerance and is 10 Days earlier than Silver Queen. Excellent tip fill. A flavor fit for a king.

500	1 M	2 M	5 M
\$5.70	\$9.25	\$17.25	\$38.75

Sweet G 90 Bi-Color

Sweet G 90 is a favorite with good eating quality and is an easy to grow plant.

500	1 M	2 M	5 M
\$4.90	\$9.50	\$18.00	\$44.18

NK 199 Yellow

83 Days - This variety has served all markets for many years. Known to come through with little moisture.

¼ lb	½ lb.	1 lb.	5 lb.
\$5.00	\$8.75	\$11.65	\$68.79

Truckers Favorite

77 Days - Available in both yellow or white - please specify when ordering. Nine inch roasting ears, very popular and widely adapted.

½ lb.	1 lb.	5 lb.
\$2.50	\$4.25	\$15.00

Temptation Bicolor

70 Days - An early (Homo) SE with good cool soil vigor & good tip fill.

250	500	1M	2M	5M
\$4.00	\$7.25	\$12.00	\$22.00	\$53.75

Pop Corn

Calico

100 Day - Calico ears are 5" - 8" long, longer than most Indian Colored type popcorn, but smaller than real Indian Corn. The kernels of seed are multi-colored with reds, yellows, and calicos most common. There are also ears with shades of brown, black, green, blue, pink and orange kernels. Can be popped or used for decoration! Add interest to children's garden or you produce stand!

¼ lb	½ lb	1 lb	5 lb
\$5.30	\$8.90	\$16.00	78.00

Japanese Hull-less

110 DAY - A Popular white open pollinated popcorn for home garden.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.80	\$4.80	\$7.10	\$31.20

Purdue 410

100 Days - A large yellow kernel hybrid popping corn that is great for candying.

¼ lb.	½ lb.	1 lb.	5 lb.
\$4.40	\$5.75	\$9.00	\$41.50

Red Strawberry

105 DAY - This red popcorn produces ears only 2 inches long and 1½ inches thick. Makes a wonderful addition to table decorations and floral arrangements.

1 Pkt.	¼ lb.	½ lb.
\$2.50	\$4.90	\$9.25

Ornamental Corn

Add color to your door bouquet or brighten your roadside stand.

Earth Tones

90 Day - This early dent flour corn variety has an ear length of 8" - 10". Beautiful muted colors. The kernels of this corn are not the shiny, deep, intense colors usually found in Indian Corn. The ears contain many of the colors found in nature near harvest time. Use this one for decoration, flour or use for bird feed and other animals.

¼ lb	½ lb	1 lb	5 lb
\$5.25	\$7.90	\$15.25	\$75.00

Fiesta

102 Days - More than 50% purple husks. 7-10" long ears

½ lb.	1 lb.
\$8.00	\$15.50

Mixed Colors Broom

105 DAY - Kernels of red, dark brown, black/deep purple, deep gold, and shades of all these colors.

1 pkt.	¼ lb.	½ lb.	1 lb.
\$2.70	\$9.75	\$18.50	\$35.85

Ornamental

105 DAY - Decorative ear produced on strong stalks. The kernels have a delightful range of many colors. Popular for home decorations.

½ lb.	¼ lb	1 lb.	5 lb.
\$3.95	\$2.50	\$6.90	\$29.95

Rainbow

90-110 Days - Large, long smooth multicolored ears. Good seller at farmers markets. Use for fall decorations or poultry and livestock feed. Endless color combinations of white, yellow, orange, red, purple, blue and striped kernels all on the same ears.

¼ lb.	½ lb.	1 lb.	5 lb.
\$4.00	\$7.00	\$12.00	\$53.10

Red Husk Mini

105 Days - 4.5" mini colorful ears. Improvement to Carousel.

¼ lb.	½ lb.	1 lb.	5 lb.
\$6.25	\$10.75	\$19.75	\$89.50





Upland Cress

Cress

Upland Cress

60 DAY - An ounce will plant a row 100' long; 3-5 lbs./acre. This variety stays green year round and has a flavor similar to watercress. It can be used for greens like spinach or as a salad. Sow 1/4" deep in rows 12-18" apart in spring or fall. When plants are large enough, thin to 6" apart.

1 Pk.	1/4 lb	1/2 lb.	1 lb.
\$2.00	\$5.25	\$9.00	\$16.90

Cucumbers & Pickles

Cucumber is a warm season vegetable. Sow after danger of frost is past 50 seeds per pkt.

Burpless Bush

55 Day - Can be grown in greenhouses without bees to pollinate. Bush plant habitat is very popular for home garden production. Dark green fruit are 10"-12" long. Hybrid.

1 Pkt	1/2 oz.	1 oz.
\$2.00	\$4.50	\$8.00

Bush Pickle

52 DAY - Another bush type cucumber that requires less room to grow than standard varieties. Excellent for pickling. 4" fruit 3-4' vines.

1 Pkt	1 oz.	1/2 lb.	1 lb.
\$2.70	\$10.00	\$54.00	\$105.00

Calypso

52 DAY - This disease tolerant hybrid is a dependable producer of uniform, blunt-ended, dark green pickles. Strong medium sized vines.

1 Pkt	1 oz.	1/2 lb.	1 lb.
\$2.10	\$4.00	\$24.75	\$45.00

Dasher II

58 DAY HYBRID - A vigorous slicing cucumber with excellent disease resistance and high yields. Resistant to downy and powdery mildew, cucumber mosaic, virus, and scab. And tolerant to angular leaf spot.

1 Pkt 25 sd	250	500	1M	5M
\$2.00	\$5.25	\$9.00	\$14.90	\$67.00

Eureka Pickle

57 Days - Dark green, crisp texture, great for salads and perfect for pickles when 1 1/2"-4 1/2" long. Can grow on a fence or trellis.

1 pkt 25 sd	500	1M
\$3.20	\$12.95	\$22.95

Excelsior

Produces for a long season, does not need insect pollination for fruit set if grown as a protected crop. Great flavor and a true American-style pickle.

25 sd	100 sd	1 M
\$5.25	\$19.00	\$164.00

Garden Sweet Burpless F-1

55 DAY HYBRID - Great for the home garden market. The vigorous plant holds long, cylindrical 10-12" fruit. It is bitter free, smooth, medium dark green with multiple disease tolerance.

1 Pkt	1/2 oz.	1 oz.	4 oz.
\$2.70	\$4.90	\$9.70	\$28.95

HomeMade Pickles

55 Day A white spine 5-6"x1.5" pickling type, solid and crisp. Just what it takes to make the best crispy, crunchy pickles you ever tasted. Vigorous plants.

1 Pkt	1/2 oz	1 oz	4 oz
\$2.00	\$3.00	\$4.00	\$10.00

Quick Snack

A mini-cuke just right for a 6" or 8" container for indoors or your patio. Place in good light and keep moist for loads of crisp sweet 2-2 1/2" fruit. Support with a trellis and pinch as it reaches the top.

10 sd	24 sd	250
\$2.70	\$6.25	\$27.80

Straight - 8

66 DAY O.P. - Straight, smooth, deep green fruits about 8 inches long. Desirable table variety.

1 Pkt	1 oz.	1/2 lb.	1 lb.
\$2.00	\$3.95	\$14.25	\$25.80

Sweet Slice Burpless

62 DAY HYBRID - "Bitterfree" and "burpless", the cucumber for people who can't eat ordinary cucumbers. No need to peel the dark green, beautifully shaped 10-12 inch fruits, as the skin is also sweet and "bitterfree". A vigorous hybrid, with good disease tolerance, for the home gardener and commercial grower.

25 sds	100 sds	1M
\$4.10	\$12.00	\$106.00

Sweet Success

58 DAY HYBRID - The first seedless cucumber. Very good to use on fence or trellis. Fruits are 12" long, slender with a thin smooth skin. It is one of the sweetest and also is burpless.

15 seeds	30 seeds	100 seeds
\$3.90	\$6.90	\$22.00

Tasty Green

62 Day A high yielding burpless produces lots of 1 1/2" x 10 slender burpless fruit. Suited for greenhouse production. Hardy plants have resistance to Powdery Mildew and tolerance to Downy Mildew. Proven tops for performance, flavor and widely adaptable. Hybrid.

1 Pkt	250	500	1M
\$2.00	\$10.00	\$17.90	\$34.90

Eggplant

Sow the seed early indoors and transplant outdoors in late May. Allow 2 feet between plants and about 3 feet between rows.

Black Beauty O.P.

80 Days - Deep Purple, oval shaped. Popular home garden variety.

Pkt	500	1 M
\$2.50	\$4.50	\$8.00

A1014 Estelal

55 Day - The medium sized A1014 brings an entirely new level of quality, earliness and yield to the "American" style of eggplant. Produces a lot of fruit early. The fruit has a refined look, is firm and a "just right" size for market. Totally spineless. Easy picker. Compact plant stays healthy and productive for a full season. Usually does not need staking and plants can be crowded. High Tunnel variety.

Pkt 20 sds	250
\$2.00	\$20.00



Black Beauty Eggplant

Endive

Sow in March and again in July. Space plants 8 inches apart in rows 1 1/2 feet apart. Blanch by tying outer leaves over the heart of the plant. An ounce plants 150 feet.

Broadleaf Batavian Escarole

65-80 DAY - Large, broad, slightly twisted lettuce-like leaves form round 12 - 16" tightly packed heads. Has well-blanching creamy - white very deep hearts and a thick bulky texture.

1 PKT - \$2.00	1 oz. \$3.90
----------------	--------------

Salad King

95 DAY - This outstanding Endive is remarkably curled. Largest of all, in trials surpassed all curly leafed varieties. Withstands diverse weather in the fall. This endive has a dense and full heart. Performs well when stressed.

1 PKT	250	500
\$2.00	\$3.50	\$5.50

Gourds

Make great fall decorations with any of these gourds.

Apple (BIG)

100-120 Days - These large apple-shaped gourds are dark green with patches of lighter green and dry to all brown. Typical fruits are 6 - 8" tall and 4 - 6" across. Nice flat bottoms make this one of the best for gourd crafts birdhouses.

1 PKT (25 seeds)	1/4 lb	1/2 lb	1 lb.
\$2.70	\$26.00	\$48.00	\$78.00

Autumn Wings Small

Mixture of small gourds, mostly winged. Most have 2 1/2" bulbs with 4" - 5" necks.

Pkt 25 sd	250	500	1M
\$2.00	\$14.00	\$24.50	\$46.40

Autumn Wings Medium

100 DAY - Unique, many colors, with the fruit shape of a spoon but with wings. Its bulb size is 2 1/2 or 3" in diameter with a neck up to 6" long. A great addition to our other fancy ornamental selections.

1 PKT 25 sd	250	500	1M
\$2.00	\$10.95	\$19.75	\$35.90

Autumn Wings Large

A colorful blend of Large-sized winged gourds with bulbs 2 ½" - 3" and a neck up to 12" long. Varied colors and shapes.

Pkt 25 sd	250	500	1M
\$2.00	\$10.95	\$19.75	\$35.90

Bushel

A long growing season is required for this variety. Planted in late May, fruit do not set until mid or late August, but grow rapidly until October with frost-free days. Reaches a diameter of 12 to 18 inches. Weight can range from 30 to 60 lbs.

1 PKT 25 sd	250	500	1M
\$2.00	\$4.75	8.00	\$14.00

Galaxy Of Stars F-1

90-100 DAY - An exciting new hybrid gourd mixture in the shape of a 5 pointed star in many colors. They can be mechanically washed. An excellent choice for an entirely new gourd for table décor this year.

1 PKT (25 seeds)	250	500	1M
\$3.75	\$33.50	\$60.00	\$115.00

Large Birdhouse

110 DAY - is strain has been selected for size, being 12 to 14 inches in height and 10 inches in diameter. Size and shape will vary somewhat on the same plant. To form gourds that will sit on their base, they should be stood upright while they are young and still growing.

1 PKT (25 seeds)	1 oz	¼ lb	½ lb	1 lb
\$2.70	\$6.00	\$20.00	\$35.00	\$60.00

Long Handled Dipper

120 DAY - Has a slender neck 3 feet long. Neck is usually curved and longer than the bowl. Surface is tan and smooth.

1 PKT (25 seeds)	1 oz	4 oz.
\$2.70	\$7.95	\$26.95

Luffa Sponge

100 DAY - (Dish cloth, Chinese Okra). Also known as vegetable sponge. Grown primarily for its fibrous tissue skeleton that is commonly used as a bath / sauna sponge.

1 PKT (25 seeds)	1 oz
\$2.70	\$7.00

Nest Egg

90-100 DAY - Similar in size and shape to a hen' egg. Outside is smooth, white and hard.

25 sds	100 seeds	250
\$2.50	\$4.00	\$5.00

Shenot Crown Of Thorns

90-100 DAY - Crown of Thorns produces a wide and unique assortment of color combinations. Colors range from white to orange to green with and without contrasting stripes. Well-developed "thorns" add to its attractiveness.

1 PKT 25 sd	1 oz.	4 oz.
\$2.70	\$8.75	\$29.75

Small Warted Mix

90 DAY - This new mix is smaller, more uniform, more colorful, and more consistently warted. A balance of flats, rounds, short pears, pears and spoons come in a variety of solid, striped and bicolor patterns. More yellows, greens, and oranges and fewer whites.

1 PKT 25 sd	1 oz	4 oz
\$2.00	\$9.50	\$21.50

Snake

100-120 DAY - Can be eaten like summer squash when 6" around. Smooth pale green skin with creamy yellow flesh.

1 PKT (25 seeds)	1 oz	4 oz
\$2.70	\$8.25	\$28.50

Swan/Goose

120 DAY- The tip of this large crookneck gourd looks like a swan head. It grows 14 - 18" long with a 6" base. Beautiful mottled green color.

25 seeds	4 oz.	8 oz.	1 lb
\$2.70	\$14.00	\$26.00	\$48.00

Herbs

Arugula Roquette

44-55 Day - 12"-30" tall plant with a slightly peppery taste. Both leaves and flowers are used in salads, sandwiches, tomato recipes and fish dishes. Very popular in Italian cuisine. Annual.

Pkt	1 oz	4 oz	1 lb
\$1.50	\$2.50	\$4.25	\$17.00

Basil Genovese

Pesto basil with a heady, spicy fragrance and taste. Uniform tall and selectively slow to bolt with large, dark green leaves about 2" long. 24"-30" tall. Annual.

Pkt	½ oz	1 oz	4oz
\$2.00	\$2.50	\$3.00	\$10.00

Basil Lemon

Heavy lemon-lime scent. Excellent for herb vingers and great in fish dishes. Annual

Pkt	½ oz	1 oz	4oz
\$2.00	\$4.00	\$6.50	\$16.00

Borage

Attractive to bees. Big plants bear tiny, blue and pink blossoms for garnishes and salads from late spring into fall. Seeds are a rich source of gamma-linolenic acid. Annual

Pkt	½ oz	1 oz	4oz
\$2.00	\$3.25	\$5.00	\$15.00

Catnip

A vigorous growing mint with a "wacky" effect on cats. Has a good, relaxing effect on children if brewed into a tea. Also for colds, flu, and fever. Perennial.

Pkt	½ oz	1 oz
\$2.00	\$3.00	\$5.50

Chamomile German

A relaxing pineapple scented herbal tea used as a gentle sleep aid and digestion. Annual

Pkt	½ oz	1 oz
\$2.00	\$4.90	\$7.50

Chives O.P.

Perennial - Mild onion flavor. Plants form grass-like clusters. Showy in full bloom. Pink edible flowers.

Pkt	1 oz	4 oz
\$2.00	\$5.15	\$15.50

Coriander, Cilantro

70 Day - TWO HERBS IN ONE! The lacy foliage is "cilantro", a garnish with a distinctive, fresh fragrance. The dried seeds are "coriander", a pleasantly aromatic spice. Annual

Pkt	1 oz	4 oz	1 lb
\$2.00	\$2.75	\$5.00	\$17.00

Dill

Annual - Developed from Mammoth Dill used in pickles and Salad dressings adds zest to soups, Salads and vegetables.

Pkt	1 oz.
\$2.25	\$4.25

Echinacea Coneflower

Easy to grow annual can serve two functions. It has medicinal values and the lilac purple blossoms with a dark center are very pretty on 24"-30" stems. 6500 seeds per ounce.

Pkt	½ oz	1 oz	4 oz
\$2.00	\$3.50	\$5.00	\$14.00

Fennel Florense

Anise flavor is used in eggs, fish and sauces. The celery stems are used fresh or cooked. Perennial.

Pkt	½ oz	1 oz	4 oz
\$2.00	\$3.75	\$5.50	\$13.75

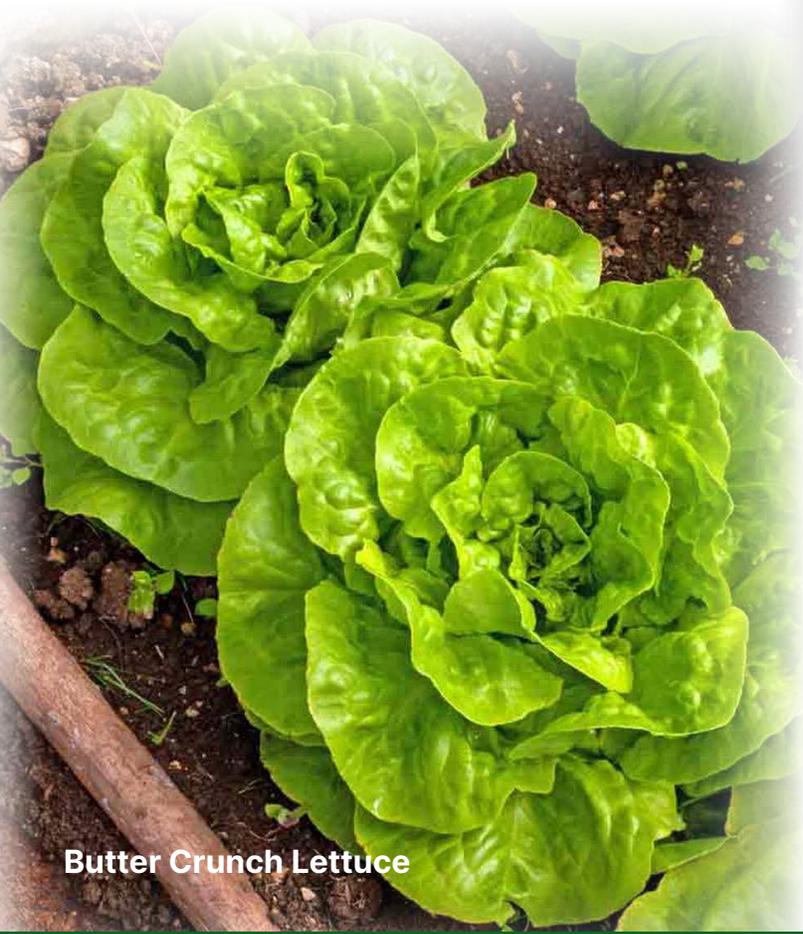
Lavender Vera

Dried flowers perfumes linens and repels moths. Perennial.

Pkt	½ oz	1 oz	4 oz
\$4.00	\$8.50	\$15.00	\$46.00



Lemon Balm			
Has a strong, lemon scent. Long narrow leaves used for colds flu, depression, headache, and indigestion. Mild perennial.			
Pkt	½ oz	1 oz	4 oz
\$2.00	\$5.25	\$9.50	\$28.00
Oregano Italian			
A fragrant "pizza herb". Great on fish and in dressings. Many uses in Greek, Italian and Mexican cooking. Perennial.			
Pkt	½ oz	1 oz	4 oz
\$3.50	\$7.60	\$11.30	\$33.00
Parsley Dark Green Italian			
80 Day - Deep, glossy green, Pleasant aromatic flavor.			
Pkt.		1 oz.	
\$2.00		\$4.00	
Parsley Triple Curled			
75 Day - Finely cut, deeply curled, for garnishing and decoration. Commercial or home garden.			
Pkt.		1 oz.	
\$2.15		\$4.00	
Peppermint			
Used for mint tea, and as a meat garnish.			
Pkt	½ oz	1 oz	4 oz
\$6.90	\$40.60	\$75.00	\$280.00
Sage Broadleaf			
The most widely used herb in dressings, sauages, sauces, and teas. Perennial			
Pkt	½ oz	1 oz	4 oz
\$3.25	\$6.00	\$9.00	\$26.00
Stevia Candy			
Grow your own sugar! Use fresh, dried, powdered, or as a liquid to sweeten a variety of foods and beverages. Bushy, high-yielding plants.			
Pkt	250	500	1M
\$3.00	\$18.00	\$31.50	\$56.50
Thyme Vulgaris			
Excellent seasoning for soups, clam chowder as well as poultry, salads, pickles and sauces. Perennial.			
Pkt	½ oz	1 oz	4 oz
\$3.00	\$5.75	\$10.50	\$35.00



Butter Crunch Lettuce



Kale

¼ oz. sows 100 foot row. Kale survives best in cool weather. Plant in early spring or in August or September for a fall crop. 8,500 seeds per oz.

Siberian

Days 60 - Early variety produces huge, blue-green, curled leaves. Use fresh in salads and on sandwiches or cooked. Sow in fall or spring. Light frost improves tenderness and flavor. A southern favorite,

1 Pkt	¼ lb.	½ lb.	1 lb.
\$2.40	\$3.50	\$6.00	\$10.00

Rape Seed

A succulent, cabbage related plant that will persist well after the first frost. Excellent when boiled or steamed. Also excellent forage for swine, sheep, stock

1oz. PKT	5M
\$2.00	\$14.00

Red Russian

50 DAY - A disease resistant variety that is richer in vitamins and minerals than other greens, and has dark green, finely cut leaves. Red and purple hues.

1 Pkt	¼ lb.	½ lb.
\$2.00	\$5.35	\$18.25

Vates Blue Curled

55 Day Uniform, curled, vigorous leaves with lush, blue green color. The 15 in. plant can be overwintered if protected from severe cold and wind. Freezing enhances sweetness.

1 Pkt	¼ lb.	½ lb.	1 lb.
\$2.50	\$5.00	\$8.00	\$14.75

Winterbor F-1

52-60 Day - Hybrid This productive 3 - 4 ft. tall. plant produces finely curled, deep blue-green leaves. Yields and cold hardiness are rated excellent. It will reproduce leaves after cutting. Slow bolting, suitable for hand stripping, mechanical harvesting and processing. Winter hardy - vates type. An all around favorite.

1 Pkt	250	500	1 M
\$2.70	\$5.00	\$7.90	\$12.25

Kohlrabi

Plant in early spring, at the rate of an ounce for 200 feet of row. Thin the plants to stand 6 inches apart in rows 18 inches apart. Use the bulbs while they are young and tender.

Early White Vienna

55 DAY O.P. - Very early. Smooth white bulbs of medium size, and tender white flesh.

1 oz	¼ lb.	½ lb.	1 lb.
\$2.00	\$5.25	\$9.50	\$17.00

Purple Vienna

60 - day Bulbs are reddish purple with tender white flesh. Use when bulbs are 2-2.5" in diameter.

1 oz	1/4 lb.	½ lb
\$2.00	\$5.25	\$9.50

Lettuce (Head)

Head lettuce should be spaced about a foot apart, but loose-leaf kinds can be set closer together. Sow in rich soil and transplant. An ounce of seed plants 300 feet of row.

Amish Deer Tongue

46 DAY - A unique heirloom tongue shaped lettuce, red blushed leaves, form nice heads, great in cool weather.

1 Pkt	½ oz.	1 oz.	1 lb.
\$2.00	\$3.00	\$4.00	\$46.00

Arianna

30 Days baby, 50 days to maturity. Attractive Batavian variety with dark green foliage and small, tall open heads with thick mint green leaves. Crunchy texture with a nutty flavor. Does well in stressful conditions. Matures early, bolt and tipburn resistant.

Pkt.	½ oz.	1 oz.
\$2.00	\$3.50	\$4.75

Buttercrunch

66 DAY UNTREATED - A butter head type, with rather loose heads of thick but crisp leaves. Very resistant to heat and slow to bolt.

1 Pkt	½ oz.	1 oz.	1 lb.
\$2.00	\$2.70	\$3.00	\$18.00

Glendana

Medium sized Iceberg. Good heat tolerance. Dense hearty and low core. Resistance to tipburn and bolting. Round shape with good leaf cover. Pelleted seed.

Pkt	250	500	1M
\$2.00	\$3.50	\$4.50	\$7.75

Inferno Romaine

75 Day - If you need an extra vigorous and leafy Romain that can handle heat, with an erect habit. Inferno is an excellent choice. It is outstanding dark color, tipburn and bolt resistance. Your customers will like the extra heavy weight.

1 Pkt	1M
\$2.50	\$5.00

Monte Carlo Romaine

53 Day - This mini romaine weights a lot for its small frame . Great shelf mild flavor . Easy to grow. Does well in high tunnels.

1 Pkt	1M
\$2.50	\$8.50

Nevada

45 – Day An excellent light green Batavian variety has shiny green crunchy savoyed leaves which form loose heads. Also a cut and come again. Strong tolerance to tipburn, bolting and heat.

Pkt	½ oz	1 oz
\$2.50	\$5.00	\$8.80

Oak Leaf

40 DAY – Leaves are shaped similarly to an oak leaf. Withstands heat without getting bitter.

Pkt	½ oz	1 oz
\$2.00	\$2.80	\$4.50

Red Romaine

66 – 70 DAY - Useful and colorful tart addition to any salad, color varies from green to deep red to bronze, dark color develops best in cool weather, gourmet variety.

1 Pkt	½ oz.	1 oz.	1 lb.
\$2.00	\$2.50	\$3.75	\$19.85

Raider

Raider is a grower favorite known for showing strong field tolerance to bolting and is well-suited for warm weather production. This beauty shows nice, dark green, solid, round-heads with smooth ribs and large core diameter. At baby stage, leaves are smooth and deep green with slightly serrated edge.

Pkt	1 M.
\$2.00	\$5.00

Sierra

45 Days - Our Favorite! Once you try batavian lettuce you may not want anything else. Tall open heads have thick bright green red tinged leaves that are nearly as crisp as head lettuce. Sweet and nutty flavor. This cut and come again lettuce provides a long season of eating pleasure. Slow to bolt.

Pkt	½ oz.	1 oz
\$2.50	\$4.75	\$8.00

Speckles

50 Day - A red-speckled green butterhead that originated from the Mennonites who bought it with them from Germany and Holland

1 Pkt	½ oz.	1 oz.
\$2.00	\$2.70	\$5.35

Summertime (Iceburg)

62 -80 day- Compact iceberg plant habit. Solid heads of good flavor. Sure heading. Never bitter. Slow bolting in hot weather.

Pkt	½ oz	1 oz	1 lb
\$2.00	\$3.00	\$5.00	\$50.00

Star Fighter

52 Day - Full head, heat tolerant, disease resistant green leaf. Produces high yields of uniform, medium sized heads with good flavor. The dark green leaves are shiny and slightly savoyed. Excellent bolt and tipburn tolerance combined with disease resistance.

Pkt	250	500	1M	5M
\$2.00	\$3.80	\$5.70	\$9.15	\$37.70

Lettuce (Leaf)

Black Seeded Simpson

45 DAY - Light green leaves with frilled edges.

1 Pkt	1 oz.	½ lb.	1 lb.
\$2.00	\$3.90	\$8.00	\$14.00

Green Salad Bowl

45-68 Day - Light-green, long wavy, deep-notched leaves. Large, fast growing rosette. Tip-burn and heat resistant. Will not get bitter in hot weather. Very slow to bolt.

1 Pkt	1 oz.	4 oz	1 lb.
\$2.00	\$3.50	\$6.00	\$20.00



Black Seeded Simpson

Mesclun Mix

A mix of classic salad herbs and lettuces, custom blended to achieve the sweet tanginess of the French original, and for ease of growing together from seed. Contains 17% each of ; Lettuces - Buttercrunch, Lolla Rossa Darkness, Romaine - Vivian, Arugula, Basil - Spicy Globe, Cress - Wrinkled Crinkled. For fresh market, Restaurant, Specialty, Bedding Plant and Bowl Planters for Garden Center Sales.

Pkt	1 oz	4 oz	1 lb
\$2.00	\$3.00	\$6.00	\$18.00

New Red Fire

48 Day - Loose leaf with full center and wavy ruffled margins. Slow bolting, uniform and holds cover well. The key to New Red Fire's long standing success is that it has a good combination of color, vigor and weight. Medium large and medium red heads.

Pkt	1 M
\$2.00	\$5.00

Red Deer Tongue

46 DAY - Has beautiful variegated crinkly red to green leaves. Very tender and slow to bolt. Approx. 1,500 seeds/pkt.

1 Pkt	1 oz.
\$2.00	\$6.55

Red Salad Bowl

50 DAY - Very similar to Salad Bowl except for the red in the leaves adds color to salads and fine dishes. Attractive burgundy-red, deeply lobed oak like leaves form a full rosette. Holds its mild non-bitter quality well and is slow to bolt. e color is best in cool weather, but will grow well all season. Excellent for baby leaf production.

1 Pkt	1 oz.	4 oz	1 lb.
\$2.00	\$3.80	\$5.50	\$18.00

Simpson Elite

48 DAY - Like Black Seeded Simpson, Simpson Elite grows very fast but is much, much longer standing. Its bolt resistance gives growers a wider harvest period than any other lettuce of this type. Simpson Elite can be harvested 30 – 45 Days longer than Black Seeded Simpson. No bitterness in later harvest.

1 Pkt .	1 oz.	¼ lb.	½ lb.	1 lb
\$2.00	\$3.95	\$7.15	\$12.00	\$36.00

Tossed Salad Lettuce Mix

A "tossed salad" mix of red-bronze and bright green colors to give you a nice color variation in your salads. Also gives you a little more harvest time.

1 Pkt	1 oz.	4 oz	½ lb.	1 lb.
\$2.00	\$5.10	\$12.75	\$19.95	\$36.95

Melons

Aphrodite

75 DAY HYBRID - A large 6 - 8 lb Athena type with medium course netting. Has resistance to Fusarium races 0, 1 & 2, Powdery Mildew races 1 & 2 and tolerance to Sulfur.

25 sd	250	500	1M	5M
\$4.00	\$30.00	\$55.00	\$108.90	\$508.00

Athena

80 DAY HYBRID - Very firm flesh. Small seed cavity . May be harvested closer to full slip than most varieties. Outstanding muskmelon flavor . 5-7 lb. fruit. Tolerance / resistance to Powdery Mildew races 1 & 2 and 3 races of Fusarium Wilt.

25 sd.	250	500 sds.	1M sds.	5M sds.
\$4.00	\$29.90	\$53.00	\$103.50	\$499.40

Atlantis

80 DAY Hybrid – An Athena type. 6-8 lb. Excellent interior quality for fresh market appeal & firm flesh for shipping. Produces consistently high sugar; Holds sweetness well.

Pkt 25 sd	250	500	1 M	5M
\$3.00	\$18.50	\$33.00	\$61.75	\$300.00

Avatar

72 Days – Oval 8-10 pound, course net with shallow sutures. Has a medium cavity with dark orange flesh. This is the largest melon we list; sizes large consistently. Netting is complete and attractive; interior color is dark. Flavor balances sweet and musky taste.

1 Pkt.	250	500	1 M	5M
\$4.25	\$21.50	\$41.00	\$76.20	\$353.00



Banana
 80 - 100 DAY - This old heirlooms dates back to the 1800's. Produces long tapered banana-shaped melons about 16"-24" long by 4" in diameter, weighing 5-8 lbs. e smooth yellow skinned fruit have salmon pink, sweet spicy flesh. This late maturing gem resists sunburn.

PKT	250	500	1M
\$3.00	\$5.00	\$9.50	\$17.00

Burpee Hybrid PMT
 82 Days - Fine flavor makes this a popular cantaloupe for roadside stands.

1 Pkt.	250	500	1M	5M
\$3.00	\$25.00	\$41.00	\$83.75	\$413.80

Goddess
 70 Days - 4-6 lbs. Early!! Fine net, large size for an early variety.

1 Pkt.	250	500	1M	5 M
\$4.00	\$25.00	\$45.00	\$80.00	\$390.00

Plum Granny *NEW*
 And aromatic sweet smelling little melon.

50 sd	250	500
\$2.00	\$3.50	\$4.50

Sugar Cube
 81 Day - Hybrid The most disease resistant melon on the market! Sugar Cube is a small 2 lb. melon with great taste. Its deep orange flesh, amazing quality (14% brix) and shelf life make it a must for that personal size trend. Disease resistances include PM, 1, 2, Fusarium Wilt 0, 1, 2, ZYMV, PRSV, WMV.

25	250	500	1 M
\$4.00	\$25.50	\$46.00	\$86.00

Melon (Honey Dew)

Honey Dew Green Flesh
 110 Day - This smooth rind melon is a good shipper. Flesh is light green and sweet.

Pkt	1 oz
\$2.00	\$3.00

Mustard

Seeds must be sown in spring or fall. 1 oz. to 100 ft of row. in to 6" apart in row 18" apart.

Florida Broadleaf
 45 DAY - Also called Large Smooth. A hardy and vigorous grower producing broad serrated medium green leaves. Slow in going to seed.

1 oz	¼ lb .	½ lb.	1 lb.
\$2.45	\$4.00	\$7.00	\$13.00

Southern Giant Curled
 35 DAY - Popular in the south, especially for late sowing. Yellowish light green leaves with curled edges.

1 oz	¼ lb .	½ lb.	1 lb.
\$2.45	\$4.00	\$7.00	\$13.00

Mustard-Spinach (TENDERGREEN)
 45 DAY - Leaves narrow, dark green. Since plants are slow to send up seed stalks, it can be grown in hot as well as cool weather.

1 oz	¼ lb .	½ lb.	1 lb.
\$2.45	\$6.50	\$12.00	\$22.00

Okra

Soak seed for 6 hours in warm water. Plant after ground is warm and dry, and space the seed 10 to 12 inches apart in the row. in to 18 inches apart. An ounce sows 50 feet of row.

Clemson Spineless
 55 DAY O.P. - Okra with spineless pods, is an All American Winner. Three feet high and two feet wide, yet the petite plant size does not diminish productivity.

1 oz	½lb.	1 lb.
\$3.00	\$5.50	\$8.00

Onions

Start seed inside and set out the young plants in rich, well drained soil after frost is past. They should be spaced 4 inches apart with 18 inches between rows.

Candy
 85 Day - A break through in onion growing. If there was ever an onion that can be grown about everywhere, this is it. Candy has a unique sweet and mild flavor and produces jumbo bulb size, has attractive thick white rings and a beautiful golden-brown outer skin and with a little proper care will keep till Feb. or March if you didn't eat them all before! Be sure to order this seed early!

200 sd	1M	5M
\$3.25	\$6.75	\$27.50



Parsnips

Sow in rows early in the spring and thin to 6 inches apart with 18 inches between rows. The flavor is improved by leaving the roots in the ground over winter. An ounce sows 200 feet of row.

Harris Model
 120 DAY - Whitish in color with good appearance and smoothness. Very tender and appetizing. Grows up to 12 inches long.

PKT - \$2.00	1 oz. - \$3.75
--------------	----------------

Peanuts

Peanuts Virginia Jumbo
 120 DAY - Early enough to mature in the Midwest, large yields, delicious roasted. Makes a healthy snack.

¼lb	½ lb.	1 lb.
\$3.50	\$6.00	\$10.35

Peas (Hull)

Plant the seed an inch deep and an inch apart in rich, well-drained soil in early spring and every two weeks after that until June for a succession.. Sow it in double rows 6 to 8 inches apart, and the rows 2 to 3 feet apart. May be planted as soon as the soil is workable. A lb of seed sows 100 feet of row.

Bolero
 66 DAY - Best disease tolerance of any peas. High yielding and high sugar. Good for freezing. Medium size - 3".

¼ lb	½ lb.	1 lb.	5 lb.
2.00	\$3.50	\$5.25	\$25.00

Dual
 66 - Day With 10 - 14 peas per pod and two pods per node, Dual constantly out-yields other varieties. Excellent for fresh eating and freezing. Sweet tender bright green peas.

¼ lb	½ lb	1 lb.	5 lb
2.50	\$4.50	\$6.00	\$26.00

Early Frosty
 63 DAY - High yielding freezer variety that has proven itself under a wide range of growing conditions. Good set of double pods on 28" vines.

¼ lb	½ lb.	1 lb.	5 lb.
2.50	\$4.50	\$6.00	\$26.00

Maestro
 61 DAY - Very early, healthy, and prolific! Vines are nearly immune to powdery mildew and resistant to other diseases. Bear heavy crops of pods 4 ½ inches long with 9 to 12 peas per pod. Dark green, medium size peas with excellent flavor. Great for fall crop. 24-26 inches tall.

¼ lb.	½ lb.	1 lb.	5 lb.
\$2.50	\$3.75	\$4.75	\$18.25

Penelope
 59 Day - Long fancy pods. Easy to shell and great tasting. Can be grown with or without support. Good disease resistance.

¼ lb	½ lb	1 lb	5 lb
\$2.50	\$4.25	\$5.90	\$25.50



Early Frosty Peas



PLS 566 *NEW*			
64 day- Recent trials of PLS 566 have shown this peas ability to produce tremendous yields. These long light-green pods really stand out against the strong, dark bluegreen afile vine. With two pods per node and 10-12 berries per pod, you'll be pleased with this sweet pea! Disease resistant to Fusarium wilt races 1, powdery mildew and tolerant to downy mildew.			
¼ lb	½ lb	1 lb	5 lb
\$2.50	\$3.25	\$4.80	\$16.90

PLS 595 *NEW*			
67 Day - Plants will produce two long pods per node with an average 11 berries in each pod. Fresh market customers are raving about the ease of hand picking due to high set of pod in plant and upright plant type.			
¼ lb	½ lb	1 lb	5 lb
\$2.50	\$3.25	\$4.80	\$16.90

Spring			
57 Days - Fast growing, extra early variety. Pods are medium sized.			
¼ lb.	½ lb.	1 lb.	5 lb.
\$2.00	\$3.25	\$5.75	\$24.00

Peas (Sugar)

The pods on these peas are eatable.

Dwarf Grey Snow Pea			
65 - day Vines are heavily branched and very productive. Pods hang in clusters at the tip of the vines for earlier picking Vines grow up to 30" tall and should be trellised.			
¼ lb	½ lb.	1 lb.	5 lb.
\$2.00	\$3.25	\$4.25	\$20.00

Dwarf White Blossom			
65 DAY - Vigorous vines, 3 ½" pods. Trellising is a must.			
¼ lb	½ lb.	1 lb.	5 lb.
\$2.00	\$3.75	\$4.95	\$22.00

Oregon Sugar Pod II Peas			
60 DAY - Mammoth type snow pea. Excellent quality, string present as pod matures. Resistant to Enation Virus, Powdery Mildew and Common Pea Wilt. Vine height 16-30", 4" light green pods.			
¼ lb	½ lb.	1 lb.	5 lb.
\$2.00	\$2.90	\$3.85	\$18.20

Sugar Ann Snap			
58 DAY - Early. Pod quality, size, and shape is very similar to those of Sugar Snap, but it is two weeks earlier. It is the earliest of all snap peas. Short growth habit of 18 inches.			
¼ lb	½ lb.	1 lb.	5 lb.
\$2.00	\$3.25	\$4.20	\$20.00

Sugar Snap			
70 Day- The original snap pea. The pods are edible, even when fully mature. Delicious raw in salads or cooked like snow peas. Can be shelled. These pods are very sweet and are excellent on a relish tray with a good dip. Plants get up to 6' tall. Great for trellising.			
¼ lb	½ lb	1 lb	5 lb
\$2.00	\$3.25	\$4.20	\$20.00

Sugar Sprint			
62 Days - 3 inch very sweet, string less pods. Vines grow only 26" tall.			
¼ lb	½ lb.	1 lb.	5 lb.
\$2.50	\$4.75	\$8.25	\$40.00

Peppers (Hot)

Add zest to your dish of soup or make beautiful pepper strings.

Hungarian (Yellow Wax)			
67 DAYS - Spicy, fairly hot Banana - shaped fruits are 6 to 8" long and 2" across. Matures from yellow to bright red. An excellent variety for cooler climates, but also performs well in warmer climates. A good market or processing variety. Great for frying roasting and pickling Heavy yielding plants grow 16 to 24" tall.			
1 Pkt.	250	500	1M
\$2.00	\$3.50	\$5.00	\$8.00

Jalapeño M			
75 DAY O.P. - Very hot, thick-walled peppers grow 8 inches long by 1 ½ inches wide with rounded tips. Dark green peppers turn red. Excellent fresh or pickled.			
1 Pkt.	250	500	1M
\$2.00	\$3.50	\$5.00	\$8.00

Long Red Cayenne			
70 DAY - Very hot. Used for pickling and drying for winter use; 3 to 4 inches long. A profuse yielder.			
1 Pkt.	250	500	1M
\$2.00	3.50	\$5.00	\$8.00



California Wonder

Peppers (Sweet)

Start seed in a hotbed in early spring and transplant the seedlings to the open ground after all danger of frost is past. Set them 18 inches apart each way in land that is not too rich. 25 seeds per packet. Unless otherwise noted.

Aristotle (Green To Red)				
72 DAY - A hybrid with thick, heavy set walls. Enormous fruit size.				
15 sds	250	500	1M	5M
\$3.50	\$28.00	\$55.00	\$106.00	\$505.00

California Wonder (Green To Red)				
75 DAY O.P. - Very large, heavy, excellent quality. The meat is thick, of good flavor and withstands shipping. Good for stuffing and serving whole.				
250 sd	500	1M	5M	
\$2.75	\$3.00	\$3.50	\$13.75	

Golden Calwonder (Yellow)				
72 DAY O.P. - Large, blocky peppers measuring 5 inches long by 4 inches in diameter. At maturity, they turn golden yellow.				
250 sd	500	1M	5M	
\$2.75	\$3.00	\$3.50	\$13.75	

Mecate (Green to Yellow)				
75 Day - Uniform, smooth, medium to large block fruit. Medium erect, vigorous plant with excellent leaf cover.				
25 sd	250	500	1M	5M
\$3.50	\$22.00	\$40.00	\$79.90	\$383.00

PS992 / 8302 X5R (Green To Red)				
Fast becoming a favorite among Casey County growers.				
25 sds	250	500	1M	5M
\$3.75	\$29.00	\$55.00	\$106.00	\$506.90

Red Knight (Green to Red)				
64 Days - Compact, sturdy plants. Heavy yields, block bell 4 x 4".				
1 Pkt.	250	500	1M	5M
\$2.25	\$24.50	\$46.50	\$89.00	\$422.90

Revolution (Green to Red)				
72 - days Extra Large Blocky Fruit, good yields.				
1 Pkt.	250	500	1M	5M
\$3.50	\$24.00	\$46.00	\$88.00	\$452.00

Sweet Banana				
60-70 DAY O.P. - Flesh is medium thin, greenish-yellow to red, tapering to a point. Continuous setting, productive. Used for pickling and market.				
250 sd	500	1M	5M	
\$2.75	\$3.00	\$4.00	\$15.00	

Sweetie Mix - Snack Pepper				
73 Day - 2.5" x 1.25" orange, red and yellow mix. Continuous setting. Excellent for tunnels. Excellent for roadside markets. Excellent for stuffing.				
Pkt	250	500	1M	
\$4.75	\$48.75	\$96.50	\$190.75	

Yummy Orange - Snack Pepper				
73 Day - Plant type is medium to large with a strong dense cover. The 2½" long x 1 ¼" wide light green fruit turns apricot-orange. It is tender-crisp, sugary sweet and nearly seedless. Keeps well. Continuous setting, excellent for tunnels. Market in clam shells or berry boxes.				
Pkt	250	500	1M	
\$2.00	\$28.00	\$38.00	\$69.70	

Jalapeño Peppers

Pumpkins - MANY more available! Just Call!

Plant four to six seeds in hills about 8 feet apart, after all danger of frost is past; or interplant it with corn. Thin to three plants to a hill . An ounce will plant approximately 25 hills.

Amish Pie

90 - 105 Day, An heirloom variety originating from an Amish gardener in the Maryland mountains. The slightly pale orange flesh is firm but moist enough to make great pies and bread. Excellent for freezing. Long vines produce large (up to 80 pounds) fruit. Best spacing 4 ft. x 6 ft.

Pkt	1 oz	4 oz
\$2.00	\$10.00	\$29.95

Atlantic Giant

120 DAY - Produces huge fruits from 200-400 lbs. with average care. Vines spread 25 feet. A great crowd pleaser for harvest shows and displays. Giant, deep round, yellow-orange pumpkins are fun and easy to grow. Holds record of 1,131 lbs.

25 sd	1 oz.	4 oz.
\$3.50	\$7.25	\$28.00

Blue Delight *NEW*

100 Day - Full vine, 25-30 lb. Flat, furrowed fruit are blue to gray color. Various amounts of rough texture. Deep orange flesh is sweet, dry and of excellent quality. Average width 15', height 8"

24 sd	250	500	1M
\$8.00	\$65.00	\$128.00	\$198.00

Cinderella

105 DAY - Unique fattish shape, reddish orange that comes from France. Deeply ruffed fruit measures approx. 6" tall by 15" diameter. It's different.

25 sd	1 oz	4 oz.	1 lb.
\$3.00	\$4.75	\$13.00	\$46.00

Fairytales (Cinderella Type)

120 days- Large flattened, scalloped pumpkin with distinct buckskin color .

25 sd	250	500	1M
\$2.00	\$24.00	\$44.75	\$87.50

Field Trip

100 DAY Perfect for school trips to the pumpkin patch! Uniform fruit is round-flat in shape with a distinctive long handle. Plenty of ribs give Jack-o-Lantern type character to an easy to handle smaller fruit.

Pkt 25 sd	250	500	1 M
\$3.50	\$29.95	\$59.50	\$114.25

Gooligan

95 DAY HYBRID - A miniature pumpkin shaped like Jack Be Little, but it's white! Nice for painting. Sets very high numbers of fruit per plant. Long vines. Best spacing 2 ft. x 5 ft.

1 PKT	1 oz.	4 oz.	½ lb.
\$3.50	\$10.50	\$34.96	\$69.00

Howden

115 DAY O.P. - Orange fruits weighing 20-25 lbs.

½ oz.	1 oz.	4 oz.	½ lb.	1 lb.
\$2.50	\$3.75	\$9.50	\$17.50	\$32.00

Hooligan

100 DAY HYBRID - This unique Jack Be Little size and shape is striped! Or bi-color, a white background with golden orange stripes. Long vines with plenty foliage cover. High yielder. Best spacing 2 ft x 5 ft.

25 sd	1 oz.	4 oz.	½ lb.
\$3.50	\$10.50	\$39.50	\$78.50

Jack Be Little

95 DAY O.P. - Produces mini pumpkins small enough to fit in the palm of your hand. Many fruit set on each vine, deep orange color, about 2 x 3 inches diameter. 3 to 4 oz. A true mini-pumpkin. Will last up to 12 months if properly cured.

Pkt	1 oz	4 oz	½ lb.
\$2.00	\$3.95	\$12.82	\$23.50

Jill Be Little

100 Day - An improved version of Jack Be Little with a stronger vine and Powdery Mildew resistance. Fruit size is comparable to Jack Be Little. Medium orange ribs with 2"x3" fruit size. UNAUTHORIZED PROPIGATION PROHIBITED. U.S. PROTECTED VARIETY

25 sd	250	500	1 M
\$2.00	4.25	\$15.00	\$28.00

Kratos

115 Day - Good looking medium-dark, orange fruit with medium-deep ribbing is round to round-flat in shape. Sizes well on a strong vine that promotes good yield. The thick handle will not disappoint! 14"x 13" 25 - 30 lb.

1 Pkt 25	250	500	1 M	5 M
\$4.95	\$36.00	\$68.00	\$127.75	612.00

Long Island Cheese

108 DAY - This old heirloom was brought back into production. Has a unique flattened pumpkin shape with moderate ribbing, suggesting a wheel of cheese. Smooth tan skin, deep orange, moderately sweet flesh. Great for pie. The 6-10 lb. fruit will store until March! A unique fall decoration.

25 sds	1 oz.	4 oz	½ lb.
\$2.00	\$6.00	\$19.75	\$36.75

Lumina

90 DAY - A unique white face pumpkin 8 to 10 inches across with average weight of 10-12 lbs. Excellent for painting. Flesh is deep orange. Good for eating.

1 Pkt.	1 oz	4 oz.	½ lb.	1lb.
\$3.50	\$9.90	\$37.25	\$73.00	\$142.28

Neck Pumpkin

120 DAY - This neck pumpkin is light brown, smooth and hard. Flesh is thick, solid, dry, sweet and orange in color. Best pumpkin for making pies. Popular for roadside stands.

1 Pkt.	1 oz.	¼ lb.	½ lb.	1 lb.
\$2.75	\$4.00	\$13.00	\$23.50	\$45.60

Pink Banana

Cylindrical shaped, rind is smooth deep pink and brittle. These jumbos will get up to 40 lbs. Flesh is firm, light orange, sweet and great for pie. Good winter keeper.

1 Pkt.	250	500	1 M
\$2.00	\$7.75	\$13.75	\$25.00

Prizewinner

120 Days - Hybrid, reddish orange fruit mature up to 100 lbs. With a deep round shape. Shallow ribs and small blossom scar and handle.

5 sds	50 sds	250
\$14.00	\$45.00	\$138.00

Small Sugar Pie

105 Days - A favorite pumkin for pie and cannig. Small, round, slightly flattened, light-ribbed, orange globes. 7"-9" diameter 5-8 lbs. Fine grained, stringless, sweet, thick, yellow flesh.

Pkt	1 oz	4oz
\$2.00	\$2.95	\$6.55

Warty Goblin

105 - 115 Day - A hardshell pumpkin showcasing a profusion of large green warts. Warts remain green for several weeks after harvest. Warts can be soft-handle carefully. Firmly embedded handle. 8 - 20 lb. Some resistance to SF.

25 sd	250	500	1M
\$4.25	\$36.00	\$70.00	\$135.20



Cinderella Pumpkins

Pumpkins (Stackers)

Calico Bell F1

100 DAY – 6"x15" 24 pounds. Large flat ribbed multi colored stacking pumpkins. Fruit exhibit a true variety of colors and patterns including green and white flecked, marbled pink and blue, solid white, shades of blue, or shades of pink and some present with a light 'peanut' texture. Many fruit have a bumpy rough texture. Calico Belle is not a blend. IR: Powdery Mildew.

24 seeds	250	500	1 M	5 M
\$7.25	\$58.00	\$110.00	198.00	Ask

Day Break F1

100 DAY – 6"x16" 25-30 pounds. Large flat multi-hued ribbed fruit. Great for stacking. Shades of mostly orange. Some with marbled patterns of blue, some may have a rough bumpy rind texture. Other shapes or colors may occur. IR: Powdery Mildew.

24 seeds	250	500	1 M	5 M
\$7.25	\$58.00	\$110.00	\$198.00	Ask

Flat White Boer

100 DAY – 6"x12" 10 - 14 pounds. A unique, flat white pumpkin; this is a must-have for decorating! White color holds well. Part of the Maxima family, flesh is medium orange and is edible.

24 seeds	250	500	1 M	5 M
\$2.50	\$18.00	\$34.00	\$64.10	\$320.50

Flat Stacker White

100 DAY – 6" x 15" Fruit size. White pumpkins continue to be a customer favorite, and Flat Stacker is one to try for stacking and mixed bins. We like the bright white fruit, the scalloped-style ribbing and the productivity. Flat Stacker is also edible. Some resistance to PM, ZYMV, PRSV, CMV.

24 seeds	250	500	1 M	5 M
\$4.75	\$45.00	\$86.00	\$167.00	\$779.65

Indian Doll

100 days. A 20-24 lb. Flat pumpkin, Indian Doll is orange- red with deep sutures. Has a semi-bush plant. Fruit shape & color is attractive for stacking pumpkins and mixed bins. Distinctive square shoulders. Both edible and ornamental, Indian Doll is actually a squash that can be used much like a buttercup or butternut.

24 seeds	250	500	1 M	5 M
\$4.24	\$34.00	\$64.50	\$124.90	608.00

Jester

110 DAY – 7-10 pounds flat. Unique appearance in a small stacking pumpkin that defies being ordinary! Fruit is salmon-red with "rough" or bumpy skin, making it a colorful standout. Edible and ornamental, with a bright yellow interior.

24 seeds	250	500	1 M	5 M
\$3.00	\$28.00	\$52.00	\$98.00	476.50

Lunar Blush F1

100 DAY – 8"x18" 40 pounds. Large, flat, lobed, fruit great for the base of a pumpkin stack. Shades of champagne, pale pink, and seafoam green. Exceptionally heavy fruit with very thick, very dense flesh. The heaviest (for its size) we have seen in any fruit of any type. IR: Powdery Mildew.

24 seeds	250	500	1 M	5 M
\$7.25	\$58.00	\$110.00	198.00	Ask

Moon Light F1

100 DAY – 18 pounds. Larger than Moon Whisper. White, flat, lobed fruit great for stacking. Incredible white color holds well. Excellent yield potential. 6 plus fruits per plant in trail. IR: Powdery Mildew.

24 seeds	250	500	1 M	5 M
\$7.25	\$58.00	\$110.00	\$198.00	Ask

Moon Whisper F1

100 DAY – 11"x7" 14 pounds. White, flat, lobed fruit great for stacking. Incredible white color holds well. Excellent yield potential. 6 plus fruits per plant in trail. IR: Powdery Mildew.

24 seeds	250	500	1 M	5 M
\$7.25	\$58.00	\$110.00	\$198.00	Ask

Porcelain Princess

100 days. 7-10 lb. Is pink with deep sutures and a full vine. The little sister to Porcelain Doll, Porcelain Princess shows the same pink color and same deep sutures as Porcelain Doll. Perfectly sized as a topper for stacking pumpkins. Also edible with deep orange flesh.

24 seeds	250	500	1 M	5 M
\$5.00	\$45.00	\$89.00	\$169.50	\$802.00



Radishes

To be tender and crisp, radishes must be grown quickly in rich moist soil. Sow the seed in the open ground, at intervals during the summer for a continuous crop.

Champion

21 Days - Bright red, globe shaped fruit, very firm.

1 Pkt.	1 oz.	4 oz	1 lb.
\$2.00	\$2.75	\$4.50	\$13.00

Cherry Belle

24 DAY - Excellent for forcing and also for outdoor planting. Round and red as a cherry.

1 Pkt	1 oz.	4 oz	1 lb.
\$2.00	\$2.75	\$4.00	\$12.00

China Rose Winter

58 DAY - Half-long stump with deep rose skin and white flesh. A winter variety that should be planted in July or August to be dug before frost and stored in the cellar.

1 Pkt	1 oz.	¼ lb.	1 lb.
\$2.00	\$2.75	\$4.75	\$12.00

Easter Egg

28 DAY - Produces white, red, purple, pink and violet colored radishes. Roots have very good flavor and interior quality. They remain firm and crisp a long time without becoming pithy or woody. Tops are medium height, strap-leaved.

Pkt	1 oz.	4 oz.	1 lb.
\$2.00	\$2.75	\$6.25	\$20.00

French Breakfast

25 DAY - Oblong form. Scarlet with white tip, mild and tender.

1 Pkt	1 oz.	4 oz.	1 lb.
\$2.00	\$2.75	\$4.75	\$13.00

Giant German Radish

29 days - Not matter what size, from a quarter to baseball size this bright red radish remains crisp and sweet with no cracking. For large roots. Space 2" apart. Does not get a strong radish tang like others.

1 Pkt.	1 oz	4 oz.	1 lb.
\$2.25	\$3.00	\$5.25	\$15.26

Jelly Bean Mix

A blend of the standard radish varieties. Excluding hybrids and winter radishes.

1 Pkt	1 oz.	¼ lb.	1 lb.
\$2.00	\$3.00	\$6.50	\$14.75

Watermelon Radish

30 - Days. A large 3 1/2 beautiful antique treasure from China. The round roots have a watermelon rose center with a creamy white outside. Mild, sweet, crisp flavor. Plant in early spring or late fall.

1 Pkt	1 oz.	4 oz.	
\$2.00	\$2.95	\$9.00	

Rhubarb

Victoria

The darkest red stems of the seed types. Stalks are broad, thick, tender, green/red. Widely raised favorite.

Pkt.	250	500	1000
\$2.50	\$4.25	\$7.25	\$12.95



Rutabaga

Plant in the open ground in late spring and thin the seedlings to at least 6" apart in rows 2' apart. e roots keep well through the winter . An oz. of seed sows 100' row.

Purple Top Rutabaga

85 DAY - Large roots with yellow skin and purple tops. Flesh is pale yellow, fine grained.

1 oz	4 oz
\$2.00	\$6.00

Salsify

Sow outdoors in early spring in light, mellow soil, thinning to 5 inches apart, in rows a foot apart. May be left in ground all winter. An ounce of seed sows 50 feet of row.

Mammoth Sandwich Island

120 DAY - Roots 7 to 8 inches long, with mild, almost white flesh. Good oyster flavor.

1 PKT	1 oz	4 oz.	1 lb
\$2.00	\$3.75	\$10.00	\$32.00

Spinach

Sow seed outdoors in early spring and at ten day intervals until late April. For a fall crop, sow in August, and for a winter one, in September or October. Thin the young plants to 4 inches apart, in rows 18 inches apart. An ounce of seed sows 100 feet of row.

Aztec

NEW

Aztec is heat tolerant while having the vigor needed for cooler weather. Leaves are dark green, thick, flexible and glossy with a slight savoy. It is mostly used for baby or teen size but can also be bunched. Excellent and fancy in high tunnels.

2 M	5M
\$2.00	\$5.00

Banjo

42 DAY - Banjo is an all-around reliable choice for all but the warmest season. Consistent leaf shape and stem length, coupled with a dark green color, makes this a very attractive variety. Longer stem are good for bunching. The leaves are back rolled, adding to volume and avoiding the leaves sticking together.

2 M	5 M
\$2.00	\$5.00

Bloomsdale Long Standing

45 DAY O.P. - More heavily crumpled than other varieties. Excellent for late sowing to carry over a winter.

1 oz	¼ lb.	½ lb.	1 lb.
\$2.00	\$4.00	\$6.00	\$10.00

Sioux

Sioux is proving to be widely adapted. It is dark green, with very supple leaves and a medium savoy. For such a thick-leaved variety, it has good vi Pfs 1-15 and will grow full sized if needed, although it is mostly used for baby leaf. This is your best choice for warm and hot weather.

2 M	5 M
\$2.00	\$5.00

Squash

Autumn Delight

70 Day Dark green. Bush type. Moderate resistance to Powdery Mildew. Uniform and consistent with high yields of large fruit with square shoulders.

Pkt 25 sd	250	500	1 M
\$2.50	\$17.00	\$32.00	\$60.00



Early Prolific Straight

Amber Max

Replaces Ambercup and Sunshine. Uniform fruit with a striking red color. Sweet, bright orange, high quality flesh. Vigorous, compact plant habit with four fruit per plant.

25 sd	250	500	1 M
3.50	\$25.00	\$42.00	\$78.90

Cream Of The Crop

75 DAY - Acorn type squash with cream colored flesh and a delicious nutty flavor. All of its positive features won it the All American Selection Award. 3 lb. fruit. Compact plant.

1 Pkt	50 sd	250	500	1 M
\$2.00	\$3.50	\$14.00	\$25.00	\$44.00

Cushaw Green Striped

110 DAY O.P. - Green striped. White and green striped vines, fine grained flesh. Good for pie, canning, or as other winter squash.

1 Pkt.	1 oz.	4 oz.	½ lb.	1 lb.
\$2.00	\$3.80	\$7.00	\$12.00	\$22.00

Cushaw Mix

110 Day - A mix of green striped, Orange and white skins, All colors have similar flesh quality, fine textured, mild pumpkin flavor. Great for ornamental, too.

1 PKT	1 oz.	4 oz	½ lb.	1 lb
\$2.50	\$3.90	\$14.75	\$24.75	\$46.25

Cushaw Orange Striped

110 Day - Similar to the Green Stripped Cushaw. Rind pale orange with darker orange striped. Mild flesh makes excellent pie . Can be used for any edible squash delicacies. Use as a fall ornament and eat afterwards.

1 PKT	1 oz.	4 oz.	½ lb.	1 lb
\$2.50	\$3.90	\$14.50	\$24.75	\$46.25

Cushaw White

110 Day - Similar to the Green striped, but is almost solid white.

1 PKT	1 oz.	4 oz.	½ lb.	1 lb
\$2.50	\$3.90	\$14.50	\$24.75	\$46.25

Early Butternut

85 - Day 8 inch long. A.S.S. Winner. Uniform size and shape with impressive yields. A good short season choice. Compact semi-bush plant.

25 sd	250	500	1 M
3.14	\$15.90	\$28.00	\$52.00

Early Prolific Straightneck

50 DAY - Early summer squash, 12"-14" long Bush form with straight smooth creamy fruits. Edible when 4-5" long.

1 Pkt.	1 oz.	4 oz.
\$2.00	\$3.80	\$6.50

Early White Bush (PATTY PAN)

55 DAY - Fine dwarf sort producing many small white squash with scalloped edges.

Pkt	50 sd
\$2.00	\$3.25

Early Yellow Crookneck

52 DAY O.P.- Fruit about 1 foot long, bright yellow, with crooked neck.

1 Pkt.	1 oz.	4oz.
\$2.25	\$3.80	\$6.50

Fortune F-1

39 DAY - A bright yellow straight neck. Fortune has the precocious gene, a medium-long 6-7" fruit on a vigorous plant. Fruit is cylindrical and smooth. The precocious gene masks mild virus infections.

25 sd	250	500	1M
\$2.00	\$14.00	\$24.00	\$45.00

Sun Burst

50 Day Unique, bright yellow, green sunburst on ends. Vigorous, Prolific bush plants. Small, patty pan or scallop type.

15 seeds	250
\$2.75	\$24.00

Table Ace Hybrid

70 Day - Semi-bush plant habit produces 4 ½ to 5 ½ inch black acorn type fruits in abundance. Fruit quality is outstanding, smooth sweet flesh and dark exterior. Winter keeping variety.

Pkt 25 sd	50	250
\$2.50	\$3.75	\$14.00

Turks Turban

85 DAY - Actually a squash, but in demand for decorations with gourds. 8" to 10" in diameter. Colorful stripes, vary from red to white.

25 sds	250	500
\$2.00	\$14.00	\$25.00

Ultra Hybrid Butternut

90 days- Light tan 8-10 lb. 15" long fruit. Bright orange, fine flesh. Approx. Improved Waltham butternut!

1 Pkt.	250	500	1M	5M
\$2.00	\$20.00	\$38.00	\$68.00	\$334.59

Vegetable Spaghetti

110 DAY O.P. - Harvest when 8 to 10 inches long. This may be served as spaghetti with sauce. Cook whole for 30 minutes in boiling water, cut in half, remove seeds and pull out spaghetti.

1 Pkt.	1 oz.	4 oz.
\$2.00	\$4.00	\$10.75

Waltham Butternut

95 DAY O.P. - Fruits 9 to 11 inches long, 4 to 5 inches in largest diameter, nearly cylindrical with slightly bulbous base; 2 ½ to 4 lbs. Smooth, hard, pale orange skin. Orange flesh of excellent flavor. Ideal home garden baking type.

1 Pkt.	1 oz.	4 oz.	½ lb	1 lb.
\$2.00	\$3.00	\$8.00	\$15.00	\$27.00



Swiss Chard

Fordhook Giant

50 DAY - Fordhook Giant is the standard for green Swiss chard. Leaves are medium green and savoyed with white veins and broad, white stems.

1 Pkt.	1 oz.	4 oz.
\$2.00	\$4.25	\$10.00

Sunflower

Grey Striped Mammoth

10' huge spectacular golden blooms up to 12" across on strong stocks. Seeds from these giants are edible. Just crack the hulls and eat the heart. Can be roasted too. Also an excellent bird feed.

Pkt	4 oz	8 oz	1lb.
\$2.00	\$4.00	\$7.50	\$12.00

Hybrid Tomatoes

Better Boy VFN

78 DAY - Produces fruit in 1 pound range throughout the season. Deep red, globe-shaped fruits, with a red, meaty interior. Sturdy plants. For high-quality tomatoes, grow on a stake and prune to 1 or 2 stems.

1 Pkt.	250	500	1 M	5 M
\$3.60	\$14.50	\$27.50	\$40.65	\$200.00

BHN 871

74 Day - 10 to 12 oz. Fruit is gold outside and rich gold to tangerine inside. Fruit is large, smooth and nearly seedless. Firm with excellent flavor. Productive in high tunnels.

1 Pkt	250	500	1 M
\$5.50	\$28.00	\$54.00	\$104.00

Big Beef

73 DAY - is a big extra beefy tomato. Starts producing early, old tomato flavor. Disease tolerance.

1 Pkt.	500	1 M	5 M.
\$4.50	\$35.00	\$65.00	\$314.00

Biltmore

77 Days - Strong plants yield firm large to x-large fruit.

1 Pkt.	500	1 M	5 M
\$4.00	\$55.00	\$101.00	\$484.60

Burpee's Big Boy

78 DAY - Very large, perfectly smooth, firm, scarlet red, thick-walled fruit with bright red meaty flesh of fine flavor and quality.

1 Pkt.	250	500	1 M	5M
\$3.60	\$11.00	\$19.75	\$36.30	\$166.50

Carolina Gold Yellow

72 DAY DET - Produces deep golden yellow, very smooth, 9 - 10 oz. Fruit with very small blossom scar. Fruit show good tolerance to cracking and weather checking. Strong determinate plants are adapted. One of the biggest advantages is its tolerance to gray wall. V1 F1 F2.

1 Pkt.	250	500	1 M
\$5.75	\$24.75	\$46.00	\$88.30

Celebrity

70 DAY - Carries resistance to Verticillium Wilt, Fusarium Wilt races 1 and 2 and root nematodes. This multiple disease resistance and hybrid vigor mean strong healthy plants and a dependable harvest. Widely adaptable as a bush, cage, or short stake tomato. Mid-early variety that produces large deep fruit is firm and exceptionally flavorful.

1 Pkt.	250	500	1 M	5 M
\$4.00	\$18.00	\$34.00	\$65.00	\$302.00

Chef's Choice Orange

NEW

75 Days - Bright neon-orange flesh and skin which retains color in cookery. 16 ounce fruit with firm meaty flesh and small locules has very fine fresh, sweet flavor with good acid balance. Flat round with heirloom boat shape. Large determinate plant habit grows to 5 ft and spread 2 ft.

PKT 25 sd	250	500	1M
\$2.00	\$12.50	\$23.00	\$40.00

Early Girl

52 DAY - Uniform 4-5 oz. fruits have a mild flavor with a meaty interior. Good for those first tomatoes.

1 Pkt.	250	500	1 M	5 M.
\$3.50	\$14.25	\$25.00	\$47.50	\$214.50

Goliath (IND.)

70 DAY HYBRID - Huge, red, at, beefsteak fruits. High yields, juicy sweet.

1 Pkt.	250	500	1 M	5 M
\$4.60	\$17.00	\$30.00	\$57.00	\$269.00

Goliath Bush

68 Day - 3 -4" fruits packed with flavor. Plants grow 3 1/2 ft tall. Perfect for patio and small gardeners who have limited space.

1 Pkt.	250	500	1 M	5 M
\$2.50	\$14.72	\$27.00	\$49.00	\$218.50

Jet Star

72 Day - Ind. Produces big yields of large, clean fruit, quite free of cracks and scars. Globe-shaped fruit with bright attractive color inside and out have a very pleasant flavor. Sturdy vines grow vigorously, producing heavily on stakes or on the ground. A low acid tomato.

Pkt	250	500	1 M	5 M
\$3.50	\$12.00	\$23.00	\$43.00	\$199.75

Lemon Boy (Ind)

Our best mild-flavored type features lemon yellow color on large, 6 to 7 oz. oblate fruits. Superb disease resistance for adaptability. Highest yielder of all yellow or golden types.

Pkt	250	500	1 M	5 M
\$3.75	\$20.75	\$38.00	\$69.70	\$331.90

Mountain Fresh Plus

77 DAY - Increasingly popular late season tomato. Large numbers of smooth, firm 8 - 12 oz. fruit. Smaller plants.

1 Pkt.	250	500	1 M	5 M.
\$4.75	\$21.00	\$38.75	\$75.00	\$364.00

Patio

70 DAY - Medium sized with good color. Compact upright habit with dark crinkled foliage. Grows 24-30 inches tall and should be staked. Tolerant of fusarium wilt. Designed for growing in tubs and containers.

1 Pkt.	250	500	1 M
\$4.00	\$14.00	\$26.00	\$52.00

Pink Girl (Ind.)

76 DAY - Heavy producer of pink fruits, averaging 6 to 8 oz. fruits are extremely crack-resistant and low in acid. Rich flavor. A long season high yielder.

1 Pkt.	250	500	1 M	5 M.
\$3.50	\$14.00	\$25.00	\$48.00	\$222.00

Red Deuce

71 Days - 8-10 oz. Globe, Extra large fruit for early vine ripe harvest. High yielding producer of smooth fruit. A good fit for fresh market with it's solid, meaty interior and good color.

1 Pkt.	250	500	1 M	5 M
\$5.25	\$32.00	\$58.00	\$112.50	\$545.80

Sweet Million

60 day IND. An improved disease tolerant version of Sweet 100. Fruit is dark red, sweet and uniform. About 1" in diameter. Tolerant to cracking.

1 Pkt	250	500	1 M
\$2.75	\$12.00	\$22.25	\$42.50



Big Beef Tomato

Non-Hybrid Tomatoes

Amish Paste				
85 DAY O.P. - An Amish heirloom. Makes a thick paste. Oblong oxheart shapes.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Beefsteak				
90 DAY O.P. - Wilt-resistant. For home and market gardens. Fruit large, flat, smooth.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Brandywine Pink				
78 Day – Considered by many to set the standard for rich tomato flavor in heirloom tomatoes. Brandywine has an attractive potato leaf plant. Fruit is 1 pound or more, oblate shape.				
1 PKT	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Brandywine Red				
90 - 100 DAY O.P. - This is an old non-acid variety, huge red meaty tomato. A very good seller.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Cherokee Purple				
80 DAY IND - Extremely sweet flavor that rivals Brandywine! Unique dusty rose colored large 12 oz. fruit. Very productive.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
German Johnson				
80 DAY O.P. - Pink, an old time favorite. Plants are vigorous, have potato leaf and mild flavored.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Giant Belgian Pink				
80 - 90 DAY O.P. - Huge sweet fruits average 1-2 pounds and have been weighed up to 5 Pounds! Dark Pink fruits feature smooth blossom end, with low acid mild flavor, so sweet that they have been used in wine making! Solid meat and size means one slice per sandwich. Very popular variety.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Giant Belgian Yellow				
85 - 95 DAY IND - Also called "Goldie". 150 year old heirloom passed down from pioneer Days for its robust plant vigor and good yields. Golden globe shape fruit are mild, tasty, low acid. Very smooth blossom ends.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Golden Jubilee				
80 Day – Bright golden-orange color. High yields of low acid fruit.				
1 Pkt	250	500	1 M	
\$2.00	\$3.75	\$5.50	\$10.00	
Golden Nugget				
55 Day - (DET) The vigorous spreading plants bear lots of golden-yellow fine-flavored 1" oval "nuggets" even in adverse conditions. Uniform compact plants average 24" in height, begin fruiting early. Would this look great planted in a pot on your deck with loads of golden-yellow fruit?				
1 Pkt	250	500	1 M	
\$2.00	\$3.50	\$5.00	\$10.00	
Indiana Red				
90-100 Day- Untreated. This is an old non-acid variety, huge red meaty , oxheart shaped tomato. Family favorite! Hard to beat!				
25 sd	50	250	500	1 M
\$2.55	\$4.85	\$14.00	\$24.00	\$40.00
Kentucky Beefsteak				
115 Day - Ind. Huge is the first word that comes to your mind when you see this one. If your looking for a tomato slice that sticks over on all four sides of your bread you need Kentucky Beefsteak. Originates from the hills of Kentucky. Unlike most large Beefsteaks, though, Kentucky Beefsteak is fairly smooth, globe to oval shape in a beautiful deep orange color.				
1 Pkt	250	500	1 M	
\$2.00	\$3.50	\$5.00	\$10.00	
Mister Stripey				
80 Day - Red and yellow striped heirloom variety that adds color to any gourmet salad bar. Large ridge-shouldered fruits are mild flavored and low in acid.				
Pkt	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	
Oxheart				
80 DAY – Large plants produce huge heart shaped pinkish red beefsteak fruit with mild sweet flavor. Has been around since about 1920.				
Pkt	250	500	1 M	
\$2.00	\$3.50	\$5.50	\$10.00	

Persimmon Orange				
80 Day - (Ind) How about an orange tomato? Sounds different. It is different. The large golden-orange fruits average 1 to 2 pounds, are meaty with a luscious flavor and few seeds. Vigorous plants produce good yields. Dates back to the 1800's.				
1 Pkt	250	500	1 M	
\$2.00	\$3.75	\$5.50	\$10.00	

Pineapple				
85 to 90 DAY Enormous, uniquely patterned, yellow-red striped fruits will be the center of attraction. Beefsteak type fruits easily grow 5" and larger, and are orange yellow with red streaks. Meaty flesh with mild flavor, and no green shoulder. Heavy foliated plants produce good yields.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	

Pruden's Purple				
65 - 85 DAY IND. - Considered one of the greatest rediscoveries in heirloom tomatoes. Has potato leaf, yields 10-16 oz fruit that are distinctly ridged with dark pink skin color, firm, meaty, crimson flesh, no cracking and has very few seeds. Widely adapted.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	

Red Cherry Small				
72 DAY O.P.- Delicious flavor for relish trays, salads, preserving, pickling or eating whole. Large open plants produce smooth round, scarlet fruit, about 1/2" - 3/4" inch across. Freely borne on clusters all summer. Traces back to pre-1840. Resistant to ASC.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	

Red Cherry Large				
72 DAY IND.- Produces loads of sweet 1.25" uniform, firm round fruits. This is the preferred commercial size. Great for the home garden, too! Makes a much healthier snack than candy.				
Pkt	250	500	1 M	
\$2.00	\$3.50	\$5.50	\$10.00	

Red Pear				
75 DAY - An old-fashioned small pear shaped tomato. Also called "bottle tomato". The bright red fruit are favorites for preserves. Fruit are 1- 2" long, sweet flavor.				
Pkt	250	500	1 M	
\$2.00	\$3.50	\$5.50	\$10.00	

Roma VF				
78 DAY - Still one of the most popular varieties for paste, sauces, and canning. Compact vines produce an abundance of the 3" pear or plum shaped fruit. Thick walled and solid with few seeds. F1, N, V1.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	

Rutgers IMP. VF				
73 DAY O.P. - Like Marglobe in shape. Ripens from inside out. Small seed cavity, few seeds. Good cropper, excellent for home gardens and for canning.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	

Sun Sugar				
62 Day - (IND) Plants grow 5 - 6 ft tall and do really well caged or trellised. Produces great numbers of golden yellow 1/2" dia. with terrific tomato "tang" as well as a high sugar (brix 10-11) content. A cherry tomato lovers dream. HYBRID				
Pkt	250	500	1 M	
\$4.50	\$20.00	\$36.00	\$69.00	

Super Sweet 100				
70 Day - This home garden favorite produces large cascades of sugary sweet small cherry tomatoes. Produces 1 oz sized fruits. High resistance to FOL (1) and V.				
PKT	250	500	1 M	
\$3.00	\$15.90	\$29.75	\$57.35	

Yellow Pear				
70 DAY O.P. - Mild, fine for salads or for preserving or pickling . Yellow fruits are pear shaped.				
1 Pkt.	250	500	1M	
\$2.00	\$3.50	\$5.50	\$10.00	



Mister Stripey

Turnips

Purple Top White Globe

55 DAY - The roots grow to good size, 6 inches or more in diameter. They are nearly round and rich purplish red on the upper part of the root. The lower portion is creamy white. Suitable for freezing.

1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$3.00	\$3.80	\$5.25

Seven Top

45 DAY GREENS ONLY - Best for Turnip Greens. 20 - 22" cut leaf, very dark green. Flesh not edible. Good for stock feed.

1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$3.75	\$5.00	\$8.50

White Egg

65 DAY - Egg-shaped, this turnip is white with green-white tinted crown. Flesh is crisp, sweet and tender. Useful garden and market variety.

1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$4.30	\$5.00	\$8.50

White Lady F-1

40 DAY - A vigorous medium sized white turnip with better bolt resistance than most. Plants are erect (20") and bright green. Tops are suitable for greens. Roots are flattened round, pure-white and slow becoming pithy. Roots are harvestable at any stage. Sweet, tender and delicious.

1 Pkt.	1 oz.	¼ lb.	½ lb.
\$3.50	\$16.50	\$61.00	\$110.00

Watermelons

Signed WFB Waiver(s) Required

If you need any variety of Seeded watermelons that are not listed, please call for pricing and availability

Black Diamond

120 DAY - Also called Florida Giant. This big 35-40 lb. melon has a very dark green-black hard thick rind for shipping. Flesh is bright red.

1 Pkt.	1 oz.	4 oz.	½ lb.	1 lb.
\$2.00	\$3.75	\$8.50	\$13.00	\$24.75

Charleston Gray

90 DAY O.P. - A long, disease-resistant variety relatively free from hollow heart, white heart and gourd neck. Fruits average 28 to 35 pounds. Light green rind, thin, but very hard. Withstands drought, stores well, and keeps its sweet flavor and deep red color longer than most.

1 Pkt.	1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$3.75	\$8.40	\$12.50	\$22.80

Crimson Sweet

85 DAY O.P. - Tolerant to at least one race of fusarium wilt and race 1 anthracnose. Fruits are 25 to 30 pounds, blocky round to oval. Rind is light green with dark green stripes and is thick, hard and tough. Flesh is a deep red and very sweet. Seeds are small, dark brown and mottled.

1 Pkt.	1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$3.75	\$8.40	\$14.75	\$27.95

Georgia Rattlesnake

90 DAY - is old heirloom was developed in Georgia in the 1830's. Still an old time favorite in the South but will grow in the North too! Produces 25-30 lb. oblong fruit. Rind is thin, hard and light green with irregular dark green stripes. Flesh is firm, sweet and bright rose in color. Good shipper.

1 Pkt.	1 oz.	¼ lb.	½ lb.	1 lb.
\$2.00	\$4.00	\$12.90	\$23.00	\$43.50

Jade Star

75 DAY - is large, Sugar Baby type watermelon is widely adaptable and has good quality. Rind is uniform dark green and flesh is bright red. Weighs in at 13 to 16 pounds.

1 Pkt.	250	500	1M	5M
\$5.00	\$32.75	\$62.75	\$123.42	\$573.90

Moon & Stars - Red

100 DAY - Slightly oval fruit with nice reddish-pink sweet flesh. Dark green rind with unique yellow specks and spots. A good keeper. Shows drought and disease resistance/tolerance. Up to 40 pounds. This s old heirloom was rediscovered near Macon, MO.

1 Pkt.	½ oz.	1 oz.	4 oz	8 oz
\$2.00	\$3.60	\$5.00	\$17.75	\$35.00

Moon & Stars - Yellow

90 - 95 DAY - An heirloom thought to have come from Bermuda. A rare yellow fleshed melon with excellent flavor. Rind is dark green with different sized yellow spots. 20 to 25 pound. Mostly round fruit hold well and can be short haul shipped.

1 Pkt.	½ oz.	1 oz.	4 oz	8 oz
\$2.00	\$3.50	\$5.90	\$23.00	\$42.00

Summer Flavor #800

87 Days - Sangria type, very few culls. Nice appearing large melon.

1 Pkt	250	500	1M	5M
\$5.00	\$36.00	\$59.00	\$109.00	\$540.00

Sangria

87 Days - oblong with light stripes on a dark green

25 sd	250	500	1 M	5 M
\$5.50	\$38.00	\$72.00	\$139.00	\$675.45

Sugar Baby (ICEBOX)

73 DAY O.P. - A small round melon. The flesh is red and good quality. Early maturing and good shipper. Fruits weigh 12 pounds.

1 Pkt.	½ oz.	1 oz.	½ lb.	1 lb.
\$2.00	\$2.75	\$4.00	\$13.00	\$24.50

Yellow Doll

65 Days - Yellow Doll has crisp yellow flesh, with few seeds. 3-5 lb.

Pkt.	250	500	1M
\$4.50	\$38.00	\$70.00	\$136.00

Baby Doll

68 DAY HYBRID - Sweet crisp yellow flesh. Early maturity. 6 to 10 pound round melon.

1 Pkt.	250	500	1M
\$2.50	\$14.00	\$24.00	\$44.00

Yellow Gem Sweet

85 DAY - A round, striped melon, very similar to Crimson Sweet in appearance. Flesh is bright yellow, crisp and sweet. Produces 14-16 lb. oval fruit with large dark stripes.

1 Pkt.	1 oz.	4 oz	½ lb.	1 lb.
\$2.00	\$7.25	\$27.00	\$55.00	\$98.88

Watermelons (seedless)

If you need any variety of Seedless watermelons that are not listed, please call for pricing and availability

Black Jack *NEW*

78 Day - Oval dark green with outstanding internal red color. Firm flesh is extremely flavorful. Strong disease package.

24 sd	250	500	1M
\$14.50	\$135.50	\$270.00	\$523.35

El Capitan *NEW*

85-90 Day 16-20- lb. blocky, oval, triploid with Crimson Sweet rind pattern. Has shown excellent yield potential as well as extended shipping and field ability. Deep red, firm flesh, small pip size and excellent flavor.

24 sd	250	500	1M	5M
\$12.00	\$101.00	\$177.20	\$340.95	\$1624.95

Sweet Gem Seedless

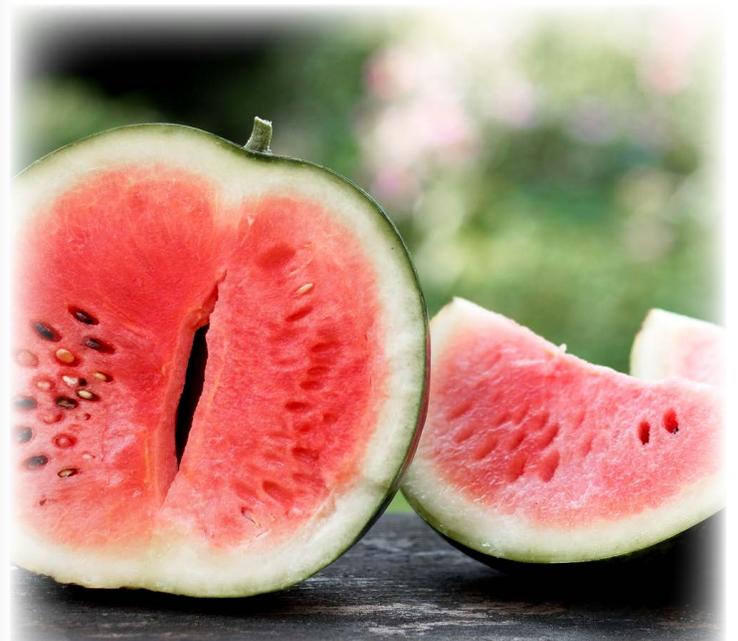
78 Day - Round classy fruit with solid dark green rind. Firm, crisp, sweet dark red fruit has small pips. High yielding. Its distinctive look and superior flavor make it ideal for the fresh market and a standout in any produce display.

24 sd	250	500	1 M	5 M
\$13.00	\$135.00	\$262.90	\$521.90	\$2604.00

Yellow Buttercup Seedless

90 DAY - A highly regarded yellow variety with sweet, crisp bright yellow flesh. Rind is tough for shipping, dark green stripes on medium green background. 14 to 16 pounds. Excellent yielder of high quality melons.

10 sds	25 sd	250	500	1M
\$5.45	\$13.00	\$118.00	\$230.00	\$456.70



Watermelon (Seedless Pollinators)

ACE Plus
 Almost any "seeded" watermelon variety will pollinate seedless varieties. But if you have no market for the seeded variety, it can be a waste. Ace produces lots of blossoms to draw bees for making good pollinations and the few fruit they produce stay small and are easy to recognize for pickers. 10 seeds/pkt.

24 sds	250	500	1M	5M
\$6.75	\$65.00	\$120.00	\$239.00	\$1175.00

Wild Card Plus
 Early and extended flowering period that ensures early pollination availability when triploid hybrid begins flowering. Long, thin internodes radially extend pollen to wherever a female flower is located.

10 sds	250	500	1M	5M
\$3.00	\$66.00	\$130.00	\$261.00	\$1151.85

Zucchini

Black Beauty
 53 Day The very dark green-black skin is smooth. Fruit are nice and slender when picked young as all zucchini should be picked. Very productive. Bush plant.

1 Pkt	1 oz.	4 oz.
\$2.50	\$4.00	\$12.00

Dark Green Zucchini
 45 Day - Handsome, dark Green squash with solid texture and small seed cavity. Uniformity Cylindrical, Firm with dark green color. Vigorous bush type with open center and smooth stems.

1 Pkt	1oz.	4 oz.
\$2.75	\$3.50	\$11.50

Golden Delight
 47 Day - Deep yellow fruit with open plant. Tolerant to WMV2, ZYMV. Replaces Golden Dawn.

1 Pkt	250	500	1 M
\$4.50	\$24.00	\$44.00	\$82.00

Green Eclipse
 44 Day - Cylindrical shaped fruit is dark green and glossy with light flecking on an open compact bush. Fruit twists with few breaking. Very high yielder. Earlier than our other varieties and may be the most productive.

PKT	250	500	1M
\$3.75	\$20.75	\$35.00	\$60.00

Spineless Beauty
 50 Days - Easy harvest, Spineless open plant produces yields of long uniform fruit. Smooth and glossy exteriors.

1 Pkt.	250	500	1M	3M
\$4.00	\$22.00	\$40.00	\$75.00	\$204.00

Onion Sets

Onion sets can be used to grow spring onions, green onions, scallions & dry table onions. What you grow is dependent on the timing of harvest. Green onions or scallions is an onion harvested early in the growth cycle before bulbing takes place. The names are different but generally mean the same thing. The greens and shank of the plant are edible. Spring onions are also harvested early in the onion's growth cycle. The onion is still green but has started the bulbing process, making it more mature than green onions. The greens and bulb are edible, but have a more intense flavor than green onions. Dry table onions are fully mature onions. They are harvested at the end of the onion's growing cycle, when the bulb has been fully formed. We will get shipment approximately March. Possible earlier and later depending on orders received. When ordering please indicate when you will pickup or want them shipped. 32 lb. Bags regular sized onions have approximately 3200-4160 bulbs. 32 lb. Bags oversize onions have approximately 960-2560 bulbs.

White Onion Sets Regular Sized

Per Pound	32 Pound Bag
Ask	Ask
We can send you a price sheet	

White Onion Sets Over Sized

Per Pound	32 Pound Bag
Ask	Ask
We can send you a price sheet	

Red Onion Sets Regular Sized

Per Pound	32 Pound Bag
Ask	Ask
We can send you a price sheet	

Red Onion Sets Over Sized

Per Pound	32 Pound Bag
Ask	Ask
We can send you a price sheet	

Yellow Onion Sets Regular Sized

Per Pound	32 Pound Bag
Ask	Ask
We can send you a price sheet	

Certified Seed Potatoes

Shipment arrives approximately late February/early March. Eva, Kennebec, Red Lasoda, Red Norland, Red Pontiac, Yukon Gold, and other varieties available if ordered early.
 Per Pound Per 50 Pound Bag
 Ask Ask
 *We can send you a price sheet

Candy Onion Plants

Order early to ensure availability. Available approximately April. When ordering please indicate when you will pickup or want them shipped.
Candy Onion Plants
 Per Bunch Per Case of 30 Bunches
 Ask Ask
 *We can send you a price sheet

Disclaimer:

We sell some of our seed in the original seed company's package. Seeds which we repackage are packed in finger press sealed bags with stick-on printed labels. Warranty: Seeds sold in our container have been labeled under state and federal seed laws and conform to the label. In any event our liability shall be limited to replacement cost of seed. No further warranty will be given.

****Remember to always store your seed in a cool dry place out of the sun!***



Air Escape Valve	102	Curtain Rope & Strapping	43	Greenhouse Equipment	44-48
Alarm Systems	48	Dan Foggers	37	Greenhouse Foggers	32,49
Aluminum Extrusions	41	Dan Micro-Sprinklers	36	Greenhouse Frames	50-52
Aluminum Roll-Lock	43	Decorative Pots, Planters	18-26,49	Greenhouse Hardware	42-44
Aluminum Shutters	46	Disc Filter	111	Greenhouse Plastic	40
Anchor Bags	79	Disinfectant, KleenGrow	31	Greenhouse Pots	12-15
Automatic Vent Opener	46	Dosatron	33	Greenhouse Ridge Vent	52
Azalea Pots	13	Dramm Foggers	32	Greenhouse Roll Up Sides	43
Backpack Sprayer	116	Drip Tape	53-54	Greenhouse Sprinklers	36-37,102
Bale Buster	7-8	Drip Tape Fittings	104	Ground Cover & Staples	38
Ball Valves	106-107	Drippers, Online & Stakes	35	Hampers	86-88
Barrel Washer, Vegetable	99	E-Z Flo Fertilizer Injector	29	Hand Planter	97
Baskets	86-88	Earthway Seeder	92	Hand Tools	118,119
Batten Tape	41	Easy Punch	105	Handi-reach Handles	28
Battery Controllers & Valves	34	Electric Controllers & Valves	34	Hanging Basket Display Rack	39
Bean Trellis	83	Electric Sprayers	116-117	Hanging Baskets	16,17,26,27
Bench Tops & Components	9	Electric Valves	34	Harvesting Containers	86-88
Berry Boxes	85	Electrical Tape	115	Heaters	47-48
Bin Dumper	99	Embossed Plastic	53	Heating Mats, Agritape	31
Bins	86,87	Entry Doors	52	Hose Fittings	28-29
Biodegradable Plastic	55	Epsom Salt	59	Hose Punch	105-106
Bird Control	80,81	Extension Handles	28	Hose	54,56,102
Black Ground Cover	38	Extension Hangers	42	Hot Sauce, Millers	58
Black Plastic	53,84	Fabric Clips	43	Humidity Domes	31
Black Poly Pipe	56	Fans	46-47	Hydrants	120
Brace Bands	42	Felt Tape	41	Inflation Blowers	140
Brass Hose Fittings	120	Fertilizer / Dry	61-64	Infrared Heaters	47-48
Brass Spring Check Valve	107	Fertilizer / Liquid	58-63	Insect Monitoring Cards	31
Brass Swing Check Valve	106	Fertilizer / Water Soluble	57-59	Insect Netting	80
Brass Valves	106,107	Fertilizer Injectors	30,33,111	Insert Fittings	112
Bulb Planter	92	Field Plastic	53	Inserts (packs)	10,19
Bulk Tank Fitting	105	Filters	110-111	Irrigation Hose	54,56,102
Cable Ties	84	Fitting, Brass	120	Irrigation Tape	53,54
Calcium Nitrate	59	Fitting, Drip Tape	104	Irrigation Tape Fittings	104
Carrying Trays	10,12,13,15	Fitting, Garden Hose	28-29	Jiffy 7's & Jiffy Strips	17
Carts	39	Fitting, Nipple	112	Knapsack Sprayer	116
Charlies Compost	60	Fitting, Orchard Tubing	105,112	Kool Ray Shade	38
Chemical Safety Products	115	Fitting, Plastic Insert	112,114	Layflat	54
Chemicals	65-74	Fitting, Schedule 40	113-114	LED Grow Lights	45
Chemilizer	33	Fitting, Unions	107,114	Markers	6
Chicken House	90	Fittings, Steel,Black Iron, Stainless	107,120	Market Packs	19
Chicken Litter Fertilizer	61,64	Flags	85	Meters, PH & EC	32
Citric Acid	59	Flat Filler	7,8	Micro-Embossed Plastic	53
Clam Shells	88	Flatube	56	Micro-Sprinklers	36,102
Clamps	107	Flexnet Header Pipe	102	Micronet Sprinklers	102
Clear Braided Hose	56	Frost Cover	79	Modine Heaters	47
Clear Plastic	40,53	Float Bed Plastic	84	Moisture Indicators	110
Clear Vinyl Hose	50	Flower Pouches	31	Mum Pots	14
Compost	60	Foggers	28,32,37,102	Nursery Containers	14-15
Compression Couplings	105	Foot Valve	107	Nursery Trays	11
Compression Fittings	105	Four Way Dripper Assembly	35	Nutri Cal & K	58
Controlled Release Fertilizer	59	Four Wheeler Sprayers	116	Onion Sets	138
Controllers & Valves	39	Frost Blanket	79,80	Orchard Tubing	56
Convection Fan and Tubing	47	Galvanized Tubing	52	Oval Hose	56
Conveyors	101	Galvanized Wire Mesh	9	Packaging Machinery	98-100
Corn Planter	89	Garden Hose & Fittings	28-30	Packing Tape & Stretch Film	85
Corona Hand Tools	118,119	Garden Marker	6	Pallet Jack	84
Corrugated Retail Flats	19	Garden Seeder	90-92	Perforated Row Cover	79
Counters	85	Gear Cranks	44	Perlite	4
Coveralls	115	Geranium Pots	13	Permanent Marker	6
Crop Cover	79,80	Gloves	115	PH Meters	32
Crop Netting	83	Greenhouse Accessories	28-39,102	Picking Assistant	89
Cross Connectors	42	Greenhouse Controllers	44	Pipe Cutter	115
Cultivators	92	Greenhouse Doors	45,52	Pipe Straps	42

Pipe, Swedged	52	Soil Moisture Tester	110	Weed Roller	90
Plant Transport Carts	39	Solo Sprayers	116	Well Pumps, Tanks, Etc	120
Planters	18-19,22-25,49	Soluble Fertilizer	57-59	Wire Hoops	79
Plastic Basket & Boxes	86-88	Spacer Blocks	41	Wire Lock	43
Plastic Bench Tops	9	Spaghetti Tubing	35	Wire Mesh	9
Plastic Mulch	53-55	Speedy Trellis	84	Wire Ties	84
Plastic Mulch Layers	75-76,96-95	Spinnet Sprinklers	102	Wobblers	37
Plastic Mulch Lifters	78,97	Spray Stakes	35	Wonder Waterer	28
Plastic Plant Labels	6	Sprayers	90,116-117,143	Wooden Baskets	88
Plastic Wrapper	97	Sprinklers	36,37,102	Wooden Bin	86
Plug Flats & Trays	11	Square Tubing	42,52	Zig Zag Wire	41
Poly Patch Tape	40	Stainless Steel Clamps	107		
Poly Planters	90	Stake Driver And Lifter	82		
Poly Sealer	43	Stakes, Wooden	82		
Polycarbonate Sheeting	41	Staples & Stapler	85		
Pot Drippers	35	Stickers, Watermelon	85		
Pot Filler	7,8	Sticky Traps	31		
Potato's	138	Straw Berry Picking Assistant	89		
Potting Mixes	3-6	Stretch Film	85		
Power Loc Fittings	105	Sub Soiler	100		
Press Fit Pots & Trays	12	Suction Hose	54		
Pressure Gauges	107	Suction Strainers	107		
Pressure Regulators	110	Sulfuric Acid	59		
Pressure Switches	120	Sun-Gro	5		
Priming Pump	110	Super Thrive	59		
Pro-Mix	3-4	Surge Protectors	49		
Pumps Parts	109	Sweet Corn Desilker	99		
Pumps, Gasoline	108-109	Sweet Corn Planter	89		
Pumps, Electric	109	Syphon Mix	28		
Purlin Pipe	52	T-Signs	6		
Push Garden Planters	90-92	Tape	40,85,115		
PVC Cement	115	Temperature Alerts	48		
PVC Compression Coupling	107	Thermoformed pots	13-15		
PVC Pipe	56	Thermometer	30		
Quick Couplings	106	Thermostats	45		
Rain Gauge	30	Tillers	93		
Ratchet Straps	84	Timers	34		
Respirators	115	Tomato Cages, Stakes, Twine	82-83		
Rinse Conveyers	100	Tomato Trellis Heavy Duty	83		
RO-Hand Picking Assistant	89	Transplanters	78,88,96		
Roll Up Doors	45	Transport Trays	10,12-13,15		
Roll Up Sides	43	Trellis Netting	83		
Rooting Powder	32,74	Trellis, Wooden	49		
Row Cover	79-80	Tubing	35,54,56,102		
Rubber Bands	85	Tufflite Greenhouse Plastic	40		
S Hooks	42	Twine & Hooks	83		
Safety Products	115	Twist Tube Weight Assemblies	35		
Sand Filter	110	VAL6 Heaters	47		
Screen Filter	110-111	Valves, Brass & PVC	106-107		
Screws, Stainless Steel	42	Valves, Electric	34		
Seed Bed Roller	89	Valves, Garden Hose	29		
Seed Spreaders	92	Valves, Power Lock	105		
Seeder & Seedling Trays	10-11	Valves, PVC True Union	114		
Seeds	121-138	Vegetable Seed	121-138		
Sensaphone	48	Vegetable Washers	98-100		
Shade Cloth & Paint	38	Vermiculite	4		
Sharpie Markers	6	Vine Clips	83		
Sheet of Pots	12	Washer Brusher	98		
Sheppard Hooks	74	Water Hose	30		
Shutters	46	Water Wheel Planters	78,96		
Side Clasp Roll Bar	43	Water-Matic Trays	12		
Siphon Mixer	28	Watering Nozzles, etc	28		
Sizing Units	99	Watermelon Stickers	85		
Sliding Doors	52	Weather Stations	30		

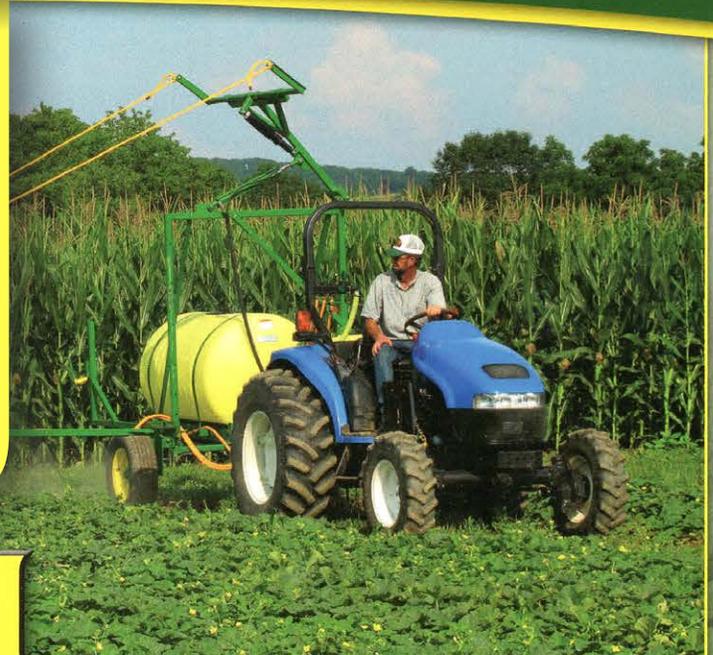
Manual Fold Sprayers with Rinse Tank

F224	200 Gallon Tank	\$6280.00
F324	300 Gallon Tank	\$6880.00

Prices subject to change!

Priced with used Radial Pickup tires.
Hydraulic Fold Sprayers also available. Call for price!
Options:

- Extension Nozzle for 3-5' extended coverage
- Rear Nozzle system to spray drive row
- Set of (4) 40" Nozzle Drops for stakes
- New 11L Implement Tires
- Brass Nozzle body upgrade
- 400 PSI pump upgrade.
- Call for prices.



Single BOOM Sprayer

for the Multi-Crop Produce Farmer, that is affordable and will do the job from sweet corn to melon crops!

Models Available • R1524 • F324 • F424

Why a single-side boom?

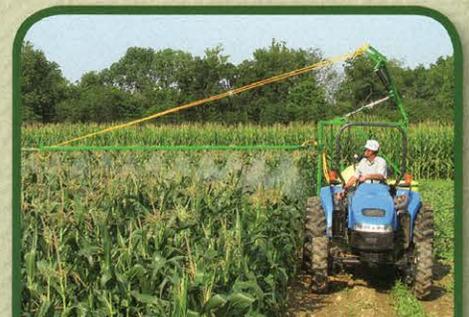
- Lets you spray the whole field without folding the boom at the field ends.
- With hydraulic leveling it is a lot easier to control one boom than two.
- Provides 50 ft. coverage between the drive rows for a fraction of the cost of a hydraulic fold 60 ft. boom sprayer.
- Easy boom height adjustment.
- Lower cost. This sprayer is designed to be affordable for the small to medium sized grower.



Sweet corn growers really like this sprayer!

20 Years Experience Building Sprayers

Built for vegetable growers by a vegetable grower. We are striving to keep the cost down



Martins Produce Supplies LLC
2518 South Fork Creek Road
Liberty, KY 42539

STORE HOURS

Monday - Friday 8:00 AM to 5:00 PM

Saturdays Closed September - November
8:00 AM to 12:00 Noon December - August

Closed on Sunday and on all Christian Holidays including
Good Friday, April 3 2026 and Ascension Day, May 14 2026



Early Order Discount Program

8% Discount* for orders prepaid
Mid. December to January 19th 2026
Discount 2% less for Credit Cards.
*On most prices in this catalog