Buyer's Guide 2014

Early Order Discounts

8% Cash discount on orders prepaid by Jan. 15, 2014
4% Cash discount on orders prepaid by Jan. 31, 2014
3% Cash discount on orders prepaid in Feb. 2014
2% Cash discount on orders prepaid Mar. - Nov. 2014

Martin's
PRODUCE SUPPLIES

627 Britton Road, Shippensburg PA 17257
717.532.5918 | 1.888.381.8641

Valued Customers,

We would like to thank each one of you for your continued business. We realize there are many competitors where you could purchase your produce supples, but we thank-you for choosing us. This catalog is put to gether to bring you the best and most popular items that we carry. However, if you are needing something not mentioned in this catalog, please contact us. We carry many more items and have suppliers that, if we don't stock it, we probably could get it for you.

If you wish to be removed from our mailing list, let us know. As always, if you moved please let us know to update our records accordingly.

We also are happy to announce the launch of our new website which will bring the ability to purchse online for items that we can ship to you. We expect to be accepting online orders by late spring 2014.

Cordially,
~the Martin's

Location & Directions

From I-81
Take exit 29 for PA-174/KingSt - 0.2 miles
Take PA-174 West into Shippensburg - 1.5 miles
Turn left onto PA-11/PA-533/King St & continue for 0.3 miles
Turn right onto North Queen St (at Sheetz) - 0.2 miles
Turn right onto Britton Rd - 1.9 miles
We are located on the right side.

Hours of Operation

Weekdays
Year round
8:00 AM - 5:00 PM
Mon thru Fri

Saturday Hours
December - June:
8:00 AM - 12:00 PM
July - November:
Closed

Holiday Oberservance

Closed the following holidays:

- New Years - January 1
- Good Friday - April 18
- Ascension Day - May 29
- Labor Day - September 2
- Thanksgiving - November 27
- Christmas - December 25

Other holidays of the year, please call to inquire of our hours.

Major Credit Cards Accepted

MasterCard VISA DISCOVER NETWORK

Competitive Shipping Rates

FedEx Ground ups

If you need a specific shipping courier, please call us to arrange shipping.

When shipping LTL Motor Freight, we broker with various shipping carriers to find you the best possible rates.

Quick Find
GUIDE

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The majority of our products are field proven. In fact, we use most of the products we offer for sale in our own fields.

Most equipment and pumps have a two year warranty. Warranty is provided directly from the manufacturer to you as the customer. Please contact the manufacturer to claim a warranty.

Product specifications and availability are subject to change without notice and substitute items may occasionally be shipped.

We recommend you to mail, or fax your orders in a minimum of two weeks before you pick up them up, or need to be shipped. We reserve the right to pro-rate items in short supply. Prices are not guaranteed.

Early orders placed and not picked up by Feb. 15 will be subject to available supplies and updated prices.

Order onions sets early and pickup on or before our indicated pickup date to avoid spoilage.

Returns policy: Saleable products in their original packaging may be returned with permission. (10-25% restocking charges apply). Note: Seeds, onion sets, fertilizer, special order items, and discounted items not returnable under any condition.

Credit refunds: In case of over payments, shortages, etc. credit invoices will be issued and expire after one year.

Catalog prices subject to change, Martin's will not be held responsible for typographical errors; most prices listed as unit prices.

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Rimol Greenhouses

Now stocking Rimol Greenhouses. No waiting, no special order cost, or extra shipping cost.

RIMOL Greenhouse Systems, Inc.

- **Need a custom sizes or certain specification? Please call us!**
- **We also handle other brands of greenhouses; call for a quote.**

- **Cold Frames**
- **High Tunnels**
- **Hoop Houses**
- **Gutter Connect**
- **Shade Structures**
- **Guaranteed 5 years against failure!**

Many add-on options including; Ridge vents, roll-up sides, extended ground posts, & end wall kits. All prices are 4' bow spacing (5' is available) and include frame only. Plastic, fans, shutters, heater and end walls must be purchased separately. Freight charges will be added on top of your quoted price. (FOB NH) Greenhouses shorter than 40' add 20% to the below prices. Note: prices are per square foot.

Freight prices typically range from $200 to $500 but is calculated at time of shipment.

Catamont Series • 15' Greenhouse

Rugged and easy to install. The Catamont Coldframe greenhouse is rugged and easy to install. Simply slip the one piece bow into the ground posts, add your purlin(s) and you are ready to go. These coldframes can withstand heavier snow loads as a result of the purlin being connected to the bow using a cross connector system, as opposed to drilling and bolting a purlin to the bow. The Catamont Coldframes are available in 15' widths. You can also order extended ground posts for additional height in the greenhouse.

ITEM NO.	DESCRIPTION	PRICE / SQ FT
15' WIDE CATAMONT SERIES	24' PLASTIC WIDTH	$1.05

Eastpoint Series • 18’-20’ Greenhouse

The Eastpoint Series is the best of both worlds, combining strength and versatility at an affordable price, making it a great starter greenhouse. The Eastpoint is perfect for growers that want the durability of a larger free-standing house but are looking for something simple and easy to construct. Roll-up sides are an optional upgrade.

ITEM NO.	DESCRIPTION	PRICE / SQ FT
18’ WIDE EASTPOINT SERIES	32’’ PLASTIC WIDTH	$1.80
20’ WIDE EASTPOINT SERIES	32’’ PLASTIC WIDTH	$1.80

Northpoint • 22’-26 ’ Greenhouse

The Northpoint Series is the ultimate in freestanding greenhouses. The Northpoint was developed as one of the original Rimol Greenhouses, designed for multi-functional use as both a growing and retail house. The Northpoint has exceptional versatility, and can also withstand harsh snow and wind loads seen in all areas of the country. Roll-up sides are an optional upgrade.

ITEM NO.	DESCRIPTION	PRICE PER SQ FT
22’ WIDE NORTHPOINT SERIES	36’’ PLASTIC WIDTH	$1.90
26’ WIDE NORTHPOINT SERIES	40’’ PLASTIC WIDTH	$1.90

Nor'Easter Series • 30'-34' Greenhouse

The Nor'Easter greenhouse series is the strongest free-standing greenhouse available. The Northeast United States is known for experiencing harsh and unpredictable weather conditions, and as the name suggests, the Nor'Easter greenhouse series will protect your crops through some of the most dangerous weather. The Nor'Easter can be counted on to be dependable when you need it most, and is constructed with a unique truss support system to double the strength of every bow. Rimol Greenhouses are built to last, and the rock-solid construction of the Nor'Easter greenhouse series will prove that.

ITEM NO.	DESCRIPTION	PRICE / SQ FT
30' WIDE NOR' EASTER SERIES	48'' PLASTIC WIDTH	$1.95
34' WIDE NOR' EASTER SERIES	50'' PLASTIC WIDTH	$2.10

New • Polycarbonate Doors

These doors are not stocked and are custom built to your needs. Call for more informations

Style #1- Heavy Duty Polycarbonate Doors
Heavy duty polycarbonate door with aluminum extruded frame. Doors come with track, trolleys, stay rollers, door stops, latches and pull handles. If you are looking for a nice attractive door for a customer entry door, this is a very good door. Door size is 4'W x 7'H in a single or double door.

ITEM NO.	PRICE
48" X 84" SINGLE	$404
48" X 84" DOUBLE	$766

Style #2- Entry Polycarbonate Door
A polycarbonate entry door with 1.5" aluminum square tubing frame. This door is a hinged swing door. The kit would include hinges, latches, and door. Rubber seals available.

ITEM NO.	PRICE
39.5" X 76" OR 80" SINGLE	$115
30" X 66" SINGLE	$105

Style #3- Standard Duty Polycarbonate Doors
A standard polycarbonate roll door with 1.5" galvanized tubing frame. Doors come with track, trolleys, stay rollers, door stops, latches and pull handles. If you are looking for a good working door for a high tunnel or greenhouse, this is a great economically priced door. Call for sizes and prices.

ITEM NO.	PRICE
100" X 96" SINGLE	CALL
100" X 88" DOUBLE	CALL

Beiler Greenhouse Kits

We are now handling Beilers Greenhouses. Please call for current prices.

- Locally manufactured, short lead time, affordable
- Many options and size configurations
- Standard height - 7'6" to bottom of truss;
- Additional height options available
- Standard truss is a "W" pattern
- Doors made from SQ tubing and Polycarbonate
- Automated vents and side curtains available
- Up to 32' wide
- 3-Tier Greenhouses available
- NRCS approved High Tunnels

ITEM NO.	DESCRIPTION	PRICE
20' WIDE	4' BOW SPACING, 3 RUNS OF PURLINS, 1 5/8" 15 GA. BOWS	CALL
24' WIDE	4' BOW SPACING, 3 RUNS OF PURLINS, 2" 13 GA. BOWS	CALL
26' WIDE	4' BOW SPACING, 3 RUNS OF PURLINS, 2" 13 GA. BOWS	CALL
30' WIDE	4' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 15 GA. BOWS, OR 2" 13 GA. BOWS	CALL
32' WIDE	4' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 15 GA. BOWS, OR 2" 13 GA. BOWS	CALL
30' WIDE	5' BOW SPACING, 3 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
32' WIDE	5' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
34' WIDE	5' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
30' WIDE	6' BOW SPACING, 3 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
32' WIDE	6' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
34' WIDE	6' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
SUPER HEAVY DUTY		
30' WIDE	4' BOW SPACING, 3 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
32' WIDE	4' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL
34' WIDE	4' BOW SPACING, 5 RUNS OF PURLINS, 2 3/8" 14 GA. BOWS	CALL

High Tunnels

Beilers high tunnels are a very affordable structure to have up just over the spring, summer, and fall growing seasons. They are not designed for any kind of snow load so in the fall the plastic has to be rolled up to the sides or the peak. Can be made to any length you need. Gables are either a bull-dog style end or a straight wall gable and sides are a rope style push up side vent. Doors on a bull-dog gable are 6' wide on a 20', 10' wide on a 26', and 12' wide on a 30'. We can put roll up doors on the straight wall gable as well. Single bay or multi bay the price per unit is still the same. ***Call for current prices.***

20' WIDE	7' BOW SPACING; 1 5/8" 15 GA. TUBING
26' WIDE	7' BOW SPACING; 2" 13 GA. TUBING
30' WIDE	7' BOW SPACING; 2" 13 GA. TUBING

8’ x 10’ Miniature Greenhouse

Looking for a quick growing space. This little greenhouse is very affordable, quick to assemble, and convenient. The kit comes with all the supplies you need except for the lumber.

Treated Lumber Required

2 - 2” x 8” x 10’, 2 - 2” x 8” x 8’
4 - 2” x 4” x 6’ 1 - 2” x 4” x 4’

ITEM NO.	DESCRIPTION	PRICE
BEIKI	8X10 KIT	$360

Low Tunnels

Need a high tunnel but do not have the space or money to put one up? Consider a low tunnel that is 4’ wide and 3’ high. It has all the same benefits of growing in a high tunnel, but on a smaller scale. You pick your length in 5’ increments and we can put a kit together for you. Comes with ground stakes, 3/4” galvanized hoops, the 4 Year, 6mil. plastic and rubber cords w/ hooks. With this unique low tunnel, if it is a warm day, you can go along and lift up the sides just like a high tunnel. You could also use row cover for frost protection, or bird netting for pest protection. You could also add a irrigation system to your low tunnel overhead irrigation or frost protection or you can use drip tape.

Call for Pricing

Hobby Greenhouse

Our Hobby Greenhouses are built and available in the following specifications and options

- Solid polycarbonate walls and ceiling
- Solid wood flooring
- Installed storm door
- 12” Venting fan
- Thermostat available
- Wire benching
- Ships just like a storage shed
- EZ set, make a level spot and we can set it there
- Freight not included, call for shipping quote

ITEM NO.	DESCRIPTION	PRICE
RIM610	6’ X 10’ GREENHOUSE	$1900
RIM810	8’ X 10’ HOBBY GREENHOUSE	$2000
RIM812	8’ X 12’ HOBBY GREENHOUSE	$2300
RIM816	8’ X 16’ HOBBY GREENHOUSE	$2820

Greenhouse Accessories

Roll Bar Cap

Fasten with tek screws.

ITEM NO.	DESCRIPTION	PRICE	24+
GFA4RBC	8' LENGTHS	$4.80	$4.56

Wirelock Poly Fastener

- Does not pinch, bind, or weaken the material it secures
- Can be formed to top of curved bows used to splice poly
- Channel holds up to three springs for a stronger grip or 2+ layers
- Film can be removed and reinstalled seasonally
- Works by pulling the material cross the channel and inserting the soft spring into place in the bottom of the channel

ITEM NO.	DESCRIPTION	PRICE	20+	60+
GFA1	8' ALUMINUM BASE	$5.28	$5.04	$4.80
GFA10	12' ALUMINUM BASE	$7.92	$7.56	$7.20

Pipe Straps

ITEM NO.	DESCRIPTION	PRICE
GPS010	FITS 1-3/8" PIPE	$0.50
GPS012	FITS 1-5/8 PIPE	$0.39
GPS020	FITS 2" PIPE	$0.45

Brace Bands

ITEM NO.	DESCRIPTION	PRICE
GFA31315	1-3/8"	$.65
GFA3166	1-5/8"	$.69
GFA3200	2"	$.79

Aluminum Extrusion

Aluminum extrusions for fastening polycarbonate to your structure. Single H

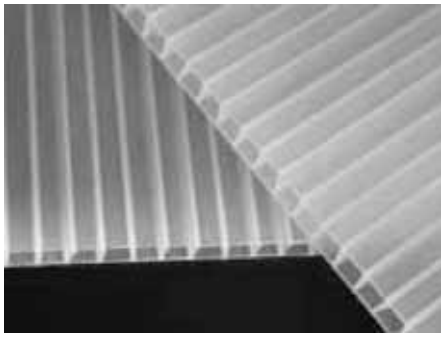
ITEM NO.	DESCRIPTION	PRICE
POLH	12' SINGLE H	$9.00

Aluminum Extrusion

Double H aluminum extrusions for fastening polycarbonate to your structure.

ITEM NO.	DESCRIPTION	PRICE
POL2H	12' DOUBLE H	$12.00

Polycarbonate Twinwall Sheeting



Heavy Gauge: 5-10% heavier than the competition. Increased strength, improved hail protection. Anti-Fog: Prevent condensation build-up, Improved light transmission.

The perfect choice for a greenhouse covering, it doesn't cost, it saves! Benefits are: heavy gauge, increased strength, improved hall and ice protection, better insulation value, guaranteed 10 year warranty, anti-condensation & anti-fog, improved light transmission. Discounts & custom sizes on 25+ sheets. Call for information.

Now stocking in polycarbonate in 24' lengths. We can custom cut your polycarbonate in 4' Wide x 4', 6', 8', 10', 12', 14', 16', 18', 20', 24' lengths or any lengths or widths equal to the closest 2' increment. Pay for exactly what you need and not any waste.

ITEM NO.	DESCRIPTION	PRICE / FT
POL842	4' WIDE • 8MM	$5.40

2x4 End Wall Brackets

Attach your greenhouse top structure securely to the base with these brackets

ITEM NO.	DESCRIPTION	PRICE
GFA241315	1-3/8”	$2.90
GFA24166	1-5/8”	$3.00
GFA24200	2”	$3.00

Cross Connectors

New Cross Connectors. Price is for a pair. No bolts & nuts needed. Sold in pairs.

ITEM NO.	DESCRIPTION	PRICE
LOKCL2	1-3/8" X 2"	$2.60
LOKCL3	1-3/8" X 1-3/8"	$2.60
LOKCL5	1-3/8" X 1-5/8"	$2.60

Strap Cross Connectors

ITEM NO.	DESCRIPTION	PRICE
GCC1315	1-3/8” X 1-3/8”	$1.80
GCC166	1-3/8” X 1-5/8”	$1.85
GCC200	1-3/8” X 2”	$1.90

Aluminum Rope Hook

ITEM NO.	DESCRIPTION	PRICE
GFA5RH	Aluminum Rope Hook / 25-ct.	$27.00

1” Neoprene Washer

Used to fasten polycarbonate

ITEM NO.	DESCRIPTION	PRICE
POL010	100/Bag	$6.85

Square Drive Deck Screws

ITEM NO.	100/BAG	PRICE	10+
SSS06125	#6 X 1-1/4’’	$7.00	$6.40
SSS0815	#8 X 1-1/2”	$8.75	$7.50
SSS0825	#8 X 2-1/2”	$12.80	$11.50

Self Drilling Tek Screws

ITEM NO.	100/BAG	PRICE	10+
GFA2107	#10 X 3/4”	$9.80	$9.60
GFA2121	#12 X 1”	$16.58	$15.92
GFA21215	#12 X 1-1/2”	$18.67	$18.10
GFA22101	#14 X 1”	$22.11	$18.90

Hex Head Wood Screws w/ Washer

ITEM NO.	100/BAG	PRICE	10+
GFA2011	#9 x 1”	$14.50	$13.00
GFA2015	#9 x 1-1/2”	$14.50	$13.00

R2 Square Driver Bit

Driver for square head decking screws

ITEM NO.	PRICE
GFA20SD	$.25

1/4” Nut Driver Bit

Driver for hex head screws

ITEM NO.	PRICE
GFA20HD	$2.00

Greenhouse Plastic and Supplies

6Mil 4-Year Clear Plastic

ITEM NO.	DESCRIPTION	PRICE
T4610	10’ X 100'	$88.53
T4614	14’ X 100’	$112.00
T4620	20’ X 100’	$160.00
T4624	24’ X 100’	$192.00
T4624150	24’ X 150’	$288.00
T4628	28’ X 100’	$224.00
T4632	32’ X 100’	$256.00
T4632150	32’ X 150’	$384.00
T4636	36’ X 110’	$317.00
T4636150	36’ X 150’	$432.00
T4640	40’ X 100’	$320.00
T4640150	40’ X 150’	$499.00
T4642	42’ X 100’	$336.00
T4642150	42’ X 150’	$525.00
T4648	48’ X 100’	$384.00
T4648150	48’ X 150’	$576.00
T4650	50’ X 100’	$400.00
T4650150	50’ X 150’	$600.00

Nursery Clear 1-Year 4Mil Plastic

ITEM NO.	DESCRIPTION	PRICE
TNC24	24’ X 100’	$92.40
TNC24150	24’ X 150’	$138.60
TNC32	32’ X 100’	$123.20
TNC32150	32’ X 150’	$184.80
TNC40	40’ X 100’	$154.00
TNC40150	40’ X 150’	$231.00

Vinyl Batten Tape

ITEM NO.	DESCRIPTION	PRICE
GGA500	3/4" X 500'	$22.00

Aluminum Solid Tape

ITEM NO.	DESCRIPTION	PRICE
POLA	2” X 150’	$12.44

6Mil 4-Year Clear Plastic

The IR plastic is a dripless plastic that infuses light and reduces heat loss.

ITEM NO.	DESCRIPTION	PRICE
TIR24	24’ X 100’	$228.00
TIR24150	24’ X 150’	$342.00
TIR32	32’ X 100’	$304.00
TIR32150	32’ X 150’	$456.00
TIR40	40’ X 100’	$380.00
TIR40150	40’ X 150’	$570.00
TIR42	42’ X 100’	$399.00
TIR48	48’ X 100’	$456.00
TIR48150	48’ X 150’	$684.00
TIR50	50’ X 100’	$475.00
TIR50150	50’ X 150’	$712.50

4Mil White 70% Shade Plastic

ITEM NO.	DESCRIPTION	PRICE
T4W24	24’ X 100’	$92.40
T4W32	32’ X 100’	$123.20
T4W40	40’ X 100’	$154.00

Poly Patch

A rugged patching tape for preventative maintenance in areas of high stress and is perfect for mending greenhouse rips and tears.

ITEM NO.	DESCRIPTION	PRICE
PPT02	2” X 48’	$7.41
PPT04	4” X 48’	$13.30
PPT06	6” X 48’	$21.00

Aluminum Vented Tape

ITEM NO.	DESCRIPTION	PRICE
POLV	1.5” X 108’	$18.00

UV Resistant Curtain Strapping

ITEM NO.	DESCRIPTION	PRICE
GFA5CS2	2" X 600'	$33.75

Aluminum Fabric Clips

Use to fasten plastic or shade cloth to purlins.

ITEM NO.	DESCRIPTION	PRICE	100+
FC007	FITS 1" PIPE	$0.90	$0.86
FC010	FITS 1-3/8" PIPE	$0.75	$0.70
FC012	FITS 1-5/8" PIPE	$1.15	$1.10

1 3/8" Purlin Pipe

Used for purlins or roll-up sides. 12'3" long with a swedged end.

ITEM NO.	PRICE	10+
GFA1315	$10.40	$10.00

Handheld Poly Sealer

Used for purlins or roll-up sides. 12'3" long with a swedged end.

ITEM NO.	PRICE
GFA5HS	$104.00

PTO Hand Crank

Economical hand crank to roll up greenhouse sides.

ITEM NO.	PRICE
GFA5HC	$25.95

Eye Bolt

We offer two sizes of eye bolts.
5/16" x 3" • 3/8" x 6"

ITEM NO.	DESCRIPTION	PRICE
SEB03003	5/16" X 3" EYE BOLT	$.65
SEB06003	3/8" X 6" EYE BOLT	$1.00

Eye Screw

5/16" x 4" Eye Screw

ITEM NO.	DESCRIPTION	PRICE
SEB04003	5/16" X 4" EYE SCREW	$.70

Roll-Up Operator Packages

Gear Crank 5:1 Ratio.
Internal Brake. Rols up to 120' of 6 Mil poly.

ITEM NO.	DESCRIPTION	PRICE
GFAM10		$77.00

Roll Pipe Installation Aids

Pipe hanger sets uniformly to support 96' of roll pipe during installation; moves along the greenhouse as the installation progresses.

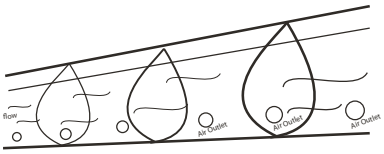
RPHRL for over roll lock

ITEM NO.	DESCRIPTION	PRICE
RPHRL	SET OF 9	$34.50
RBBD	FOR 2" WIDE BASE	$17.50

Convection Tubing

Ken-Bar Poly Convection Tubing

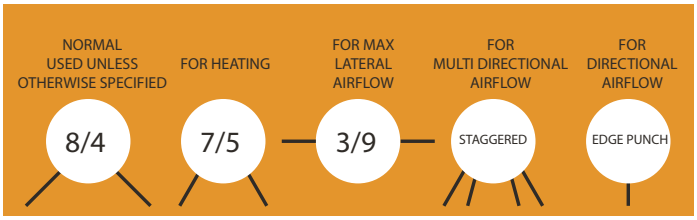
Ken-Bar's poly convection tubing is available in either 4 or 6 Mil weight. The polyethylene is clear and is protected with a strong ultraviolet inhibitor. The formulation of the plastic is designed for maximum light penetration and for durability in a greenhouse environment. There are several advantages to using Ken-Bar tubing:



Tubing Air Outlet Chart

Guarantee. Each tube is guaranteed to support the cubic feet/minute output of the fan. If there is a problem, the tubing will be replaced immediately. The 4-mil tubing is guaranteed for 1 year and the 6-mil for 3 years.

Custom Punching. Ken-Bar provides proper diameter holes and spacing that conform to fan manufacturer's specifications. A properly designed tube will make full use of the fan's output by distributing air evenly down the length of the greenhouse. We can custom design a tube based on your greenhouse length and fan diameter. Punch position can be varied as shown below to provide the best possible air flow for each situation.



ITEM NO.	SIZE	WEIGHT	PRICE/FT
GCT12	12"	4MIL	$0.65
GCT18	18"	4MIL	$0.81
GCT24	24"	4MIL	$1.05
GCT30	30"	4MIL	$1.13

$50 minimum order FOB NY

Fans

Shutter Fan

Shutter fans are ideal for greenhouse or building exhaust. These fans are quiet and can efficiently move large amounts of air.

- Certain models available in 2 or 3-speed configuration
- Pre-wired with 9' 115V cord
- Aluminum shutters are reinforced with steel corner braces
- Guards have zinc plating under powder coating
- OSHA approved guard spacing

ITEM NO.	SIZE	RO*	MAX. CFM	PRICE
JSF12	12"	12.5"	1100	$142.00
JSF16	16'	16.6"	2050	$152.00
JSF20	20"	20.6"	3815	$198.00
JSF24	24"	24.6"	5850	$231.00
JSW30	30"	37-1/2" X 38"	7900	$430.00
JSW36	36"	41-1/2" X 42"	9700	$631.00

RO* = Rough Wall Opening

JSW30 and JSW36 are slant wall shutter fans.

Twister Exhaust Fan

The Twister is manufactured with a heavy gauge housing and butterfly shutters that open easily on startup, and spring closed when not in use to create a tight weather seal.

- Heavy duty 18 gauge galvanized housing
- Aluminum prop with zinc plated hub is balanced for smooth vibration-free operation
- Fan comes fully assembled for easy installation

ITEM NO.	SIZE	RO*	MAX. CFM	PRICE
JET24	24"	25-1/4"	6125	$237.00

Full 2-Year Warranty

Made in USA

Deep Basket Fan

Features:

- Wider spacing on guards for high efficiency fan
- Longest distance air throw in industry
- Industrial grade aluminum blade
- White powder coated blades over zinc plating
- Mounting bracket included

ITEM NO.	SIZE	MAX. CFM	PRICE
JHF12	12”	1635	$125.00
JHF20	20”	5510	$170.00

Limited 2-Year Warranty

Guarded Circulation Fan

Features:

- Highly efficient, quiet operation
- Longest distance air throw in industry
- Industrial grade aluminum blade
- White powder coated blades over zinc plating
- Mounting bracket included

ITEM NO.	SIZE	MAX. CFM	PRICE
JHF2	18”	3815	$119.00

OSHA Approved Guard Spacing

Limited 2-Year Warranty

Aluminum Intake Shutters & Motor Kit

Aluminum intake shutters or free air exhaust applications. Nylon bearings with solid shafts for a long life span. Interlocking blades for weather seal.

Features:

- Heavy gauge aluminum construction
- Steel reinforced corners
- Counterweighted to reduce opening pressure
- Optional shutter motor kit

ITEM NO.	SIZE	PRICE
JAS12	12	$35.00
JAS16	16	$48.00
JAS24	24	$66.00
JAS30	30	$91.00
JAS36	36	$99.00
JAS40	40	$124.00
JAS42	42	$143.00
JAS48	48	$157.00
JAS54	54	$172.00
JAS60	60	$239.00
JAS 1	MOTOR KIT	$71.50

Motorized Shutter Kit

Inflation Blowers

Features:
- PSC motor powered inflation blowers
- Draws 70% less amps; uses 50% less power
- Holds consistent pressure
- Thermally protected
- Ball bearings vs sleeve bearings for longer life
- Features a damper door

ITEM NO.	DESCRIPTION	PRICE
VBM60	3 BOLT BLOWER	$56.00
VBM48	4 BOLT SLOWER	$68.00
VBMK3	3 BOLT MOUNTING KIT	$17.00
VBMK4	4 BOLT MOUNTING KIT	$22.23
H24	24” AIR JUMPER HOSE	$14.00
JH36	36” AIR JUMPER HOSE	$15.00

Euroemme Exhaust Fans

Euroemme’s exclusive Centrifugal Shutter System (CSS) ensures air-flow efficiency, and when not in operation, prevents air leakage. Stainless steel blades as standard, means Euroemme Fans resist corrosion, needs less cleaning, and will operate at peak efficiency for many years of service.

Features:
- Blades availabe in stainless steel, galvanized steel, or Plumivag pre-coated steel
- Air leakage prevented by tightly closed shutters
- Safety mesh opens for easy cleaning
- Strong pulley hub in die-cast aluminum minimized propeller vibrations

Fan with shutters open

Fan with shutters closed

ITEM NO.	SIZE	RO	CFM	HP	PRICE
EF136	36”	43”	11,650	0.5	$848.00
EF150	49”	54.5”	20,500	1.0	$1042.00

Thermostats

Every greenhouse environment needs climate control. A greenhouse to warm or cool can mean a great difference in the quality of plants or product produced. Use our thermostats to help control the climate of your greenhouse or building.

ITEM NO.	DESCRIPTIONS	PRICE
GEA800	SINGLE STAGE	$33.75
GEA803	TWO STAGE	$99.00
GEA802	TWO SPEED	$99.00

Modine Natural Gas Heaters

The model PDP is a gas-fired, power-vented propeller unit heater that provides applicaton versatility, ease of installation, low installed cost, long life and excellent heat throw. Designed for overhead suspended mounting, this heater only requires venting and gas and electric service connections prior to operation. Propeller fan units are classified as zero-static pressure type, and should not be used with velocity-generating discharge nozzles or duct work connections.

Model PDP features:

- Versatility allows air to blow from the top of the greenhouse or through ducts
- Heaters are indirect fired, allowing all combustion products to be vented to the exterior of the greenhouse and protecting sensitive plants from toxins found in the products of combustion
- Modine gas-fired unit heaters maintain a minimum 80% efficiency, maximizing seasonal efficiency through the use of a collector box and the power exhauster
- A 100% shut-off, intermittent pilot-ignition system with continuous retry, at no extra charge. The ignition system allows for units to be field-converted to propane, if desired

ITEM NO.	BTU	CFM	VENT	LBS	PRICE
PDP150	120,000	2180	5”	168	$810.00
PDP175	140,000	2550	5”	175	$869.00
PDP200	160,000	2870	5”	239	$913.00
PDP250	200,000	3700	6”	239	$1132.00
PDP300	240,000	4469	6”	269	CALL

Hot Dawg Modine Heaters

Model Hot Dawg Features:

- Hush-puppy quiet operation.
- Uses natural or propane gas.
- Certified for residential, commercial and industrial use.
- Low-profile design and neutral color to blend in with decor.
- Install quickly and easily with field wiring connections and knockouts for quick access to gas and electricity.
- Standard power exhaust simplifies side-wall or roof venting with small-diameter vent pipe.
- Right or left hand controls available on all 30-75 units. Gas, electrical and flue connections can be changed by simply flipping the Hot Dawg over.
- Permanently-lubricated motor for trouble-free dependability.

Full 10-Year Warranty on Heat Exchanger

ITEM NO.	BTU	CFM	VENT	LBS	PRICE
HD045	36,000	720	3”	60	$511.00
HD075	60,000	1160	3”	85	$602.00
HD100	80,000	1490	4”	125	$696.00
HD125	100,000	980	4”	125	$749.00

Effinity Propane Heaters

At 93% thermal efficiency for all model sizes, Modine's Effinity93 condensing unit heater features the highest efficiency available in North America for commercial and industrial gas-fired unit heaters. This industry leading efficiency is a result of the coupling of our ConservicoreTM secondary heat exchanger technology with our robust tubular primary heat exchanger design. The ConservicoreTM technology features a secondary recuperative heat exchanger fabricated from AL29-4C® stainless steel. This material is superior to other lower grades of stainless steel and aluminum, resulting in outstanding ability to withstand the corrosive environment of condensing gas fired equipment.

Effinity 93 with Conservicore® Technology

ITEM NO.	BTU	CFM	VENT	LBS	PRICE
MPTC135	125,000	2160	3"	168	$2095.00
MPTC180	167,400	3020	4"	175	$2095.00
MPTC215	199,950	3865	4"	239	$2690.00
MPTC260	241,800	4585	4"	239	$2850.00

Stoves & Boilers

Warm Air Keystoker

The Keystoker furnaces are built to deliver maximum heat. At the lowest initial investment and lowest operational cost, a large silent air circulating blower will assure complete circulation of warm, filtered air throughout the entire area to be heated. The downdraft heat exchanger increases heating surface, permitting circulation of every thermal unit of heat into the warm air leader pipes for rapid distribution.

- No Moving Parts in the Fire Box.
- Long life automatic heat without costly repairs.
- Low cost fuel is the key to heating economy.
- Reliable. Heavy duty factory built gear box.
- Entire unit factory assembled and fully tested.
- Sealed ash pit assures clean dust-free operation
- Multi burning options; coal, wood, oil, etc.

- Available from 125,000 to 450,000 BTU Output.

These stoves are built to order. Many customizable features and options. ***Please call for more information estimate pricing.***

Keystoker

Automatic Coal-fired Boiler Keystoker

This steam or hot water boiler will guarantee hot water year round. It can be easily converted from a coal stoker to an oil stove. This an economic and reliable heat source.

- Long life automatic heat without costly repairs.
- Low cost fuel is the key to heating economy.
- Entire unit factory assembled and fully tested.
- Available from 90,000 to 528,000 BTU Output.

These stoves are built to order. Many customizable features and options. ***Please call for more information estimate pricing.***

Black Woven Ground Cover

This is a UV stabilized black woven cloth that is extremely strong and superior to sheet plastic. 3oz with green stripe every 12". Call for quantity discounts.

ITEM NO.	SIZE	LBS	PRICE
BGC03	3' X 300'	27	$44.00
BGC04	4' X 300'	36	$59.00
BGC06	6' X 300'	54	$88.00
BGC10	10' X 300'	95	$147.00
BGC12	12' X 300'	112	$184.00
BGC15	15' X 300'	140	$228.00

Heavy Duty Sod Staples

Heavy duty staples to secure your ground cover or thermal blanket to the ground.

ITEM NO.	SIZE	GAUGE	QTY / BOX	PRICE
SS88	8" X 1"	8	500	$35.50
SS610	6" X 1"	11	1000	$32.50

3 oz/sq yard Thermal Blanket

A white non-woven needle punched polypropylene heavyweight blanket.

Above, one plant that was covered with EcoLights row cover, and one that wasn't.

ITEM NO.	SIZE	PRICE
WFB06	6'X250'	$105.00
WFB06	12'X250'	$208.00
WFB15	15'X250'	$257.00

Blue Fire Row Cover

We are very excited to bring you a superior row cover that we tested and sent out to some of our customers and got feedback from them early this year. We sent them to various different customers that previously used Agribon or Covertan to get better feedback for opinions on different applications. From its very compact, wrapped size to its super tear resistance at a competitive price, this cover was highly recommended by those who used it in the field. Try a roll for yourself to appreciate all this row cover has to offer.

ITEM NO.	DESCRIPTION	PRICE
BF56105	.56OZ. | 10' X 500'	$87.00
BF56141	.56OZ. | 14' X 1000'	$240.00
BF56221	.56OZ. | 22' X 1000'	$347.00
BF56261	.56OZ. | 26' X 1000'	$455.00
BF56301	.56OZ. | 30' X 1000'	$525.00
BF56361	.56OZ. | 36' X 1000'	$586.00
BF56401	.56OZ. | 40' X 1000'	$705.00
BF56505	.56OZ. | 50' X 500'	$423.25
BF5671	.56OZ. | 7' X 1000'	$111.00
BF5675	.56OZ. | 7' X 500'	$55.00

ITEM NO.	DESCRIPTION	PRICE
BF91148	.91OZ. | 14' X 800'	$290.00
BF91268	.91OZ. | 26' X 800'	$528.00
BF91398	.91OZ. | 39' X 800'	$746.00
BF9178	.91OZ. | 7' X 800'	$147.00

New • 1.25oz Row Cover

The family of Blue Fire row cover is now being offered in a 1.25oz cover. This is our strongest row cover for strawberries or other cold sensitive crops. This superior cover will last for multiple growing seasons. All the seams are sewn for strength and durability. The 1.25oz will be custom cut in 10' wide increments and the length to your specs. Allow 2 weeks for delivery. Plus shipping.

Spring Steel Hoops

A .120" guage spring steel hoop for use with a mechanical tunnel layer, to hold up row cover over the crop. Sold in 100 quantity bundle.

ITEM NO.	LENGTH	LB/100	BUNDLE	PRICE
WH640	64"	21	1	$30.00
			10+	$28.00
			47+	$25.00

Plastic Bag to Anchor Row Cover

A 12"x24" UV treated 6 MIL plastic bag to fill with sand, gravel, or dirt to place on the edges of row cover or any cover you need to hold the edges.

ITEM NO.	SIZE	MIL	QTY	CS/250
ACB1224	12" X 24"	6MIL	$0.36/EA.	$.031/EA

Wire Hoops

Heavy 3/16" Precut and Pre-arched High Tensile Steel

ITEM NO.	LENGTH	QTY/BUNDLE	LBS	PRICE
WH64	64"	100	50	$44.00
WH76	76"	100	60	$51.00

Clear Perforated Row Cover

This film keeps a very hot environment in early spring, acting as a mini greenhouse. 3/8" diameter holes provide a method of venting. Often used on a tunnel layer. Available in clear or white plastic.

ITEM NO.	SIZE	LBS	MIL	PRICE	10+
CPC62	6'X2000'	65	1	$96.00	$92.00
CPC6W	6'X2000'	65	1	$100.00	$97.00

LANDMARK PLASTIC CORPORATION

Landmark Plastic Corporation is an Akron, Ohio based manufacturer of plastic thermoformed and injection molded horticultural plant packaging and growing systems. Founded in 1984, Landmark has an international distribution footprint, a state of the art manufacturing facility and ample manufacturing capacity. Today, from a 200,000 square foot manufacturing operation in Ohio, Landmark sells one of the most extensive lines of thermoformed and injection molded plant packaging in the industry.

Nursery Pots

LandMark nursery pots come in two different styles. The Landmark Plastics injection molded or thermoformed pots. The injection molded pots are harder smooth wall pots, the thermoformed pots are thinner and flexible – also smooth wall.

ITEM #	DESCRIPTION	DIA X HT	GAL.	#/CS	COLOR	PRICE	6+
300L	LANDMARK THERMOFORMED	6.8 X 6.1	TRADE	200	BLK	$19.00	$18.30
300LT	LANDMARK THERMOFORMED	6.8 X 6.1	TRADE	200	CLAY	$31.00	$30.00
300J	LANDMARK INJECTION MOLD	6.8 X 6.1	TRADE	68	BLK	$21.00	$20.30
300JT	LANDMARK INJECTION MOLD	6.8 X 6.1	TRADE	68	CLAY	$21.80	$21.00
350L	LANDMARK THERMOFORMED	8 X 5	1	130	BLK	$25.70	$25.00
350LT	LANDMARK THERMOFORMED	8 X 5	1	130	BLK	$29.00	$28.00
350JG	LANDMARK INJECTION MOLD	8 X 5	1	258	GRN	$77.00	$75.00
400J	LANDMARK INJECTION MOLD	7 X 7.1	1	75	BLK	$45.00	$44.00
550L	LANDMARK THERMOFORMED	9 X 6	1.2	120	BLK	$35.80	$35.00
550LT	LANDMARK THERMOFORMED	9 X 6	1.2	120	CLAY	$40.00	$39.00
600J	LANDMARK INJECTION MOLD	8.5 X 8	1.5	65	BLK	$45.50	$44.00
1000J	LANDMARK INJECTION MOLD	9.5 X 10	2.5	59	BLK	$81.00	$79.00

Deck Planters

ITEM NO.	SIZE	QTY/CS	PRICE	6+
DPS10	11.5 X 7.8	50	$47.00	$46.00
DPS12	13.5 X 9.25	40	$56.50	$55.00
DPS14	15.9 X 11	30	$73.00	$71.00
DPS14FC -FLUTED	14.25 X 9.25	30	$53.50	$52.00

Deco Pot

ITEM NO.	SIZE	QTY/CS	PRICE	6+
DP0850	8.5 X 7.25	96	$76.00	$74.00
DP1050	10.625 X 8.75	30	$37.00	$36.00
DP1150	11.5 X 10	30	$47.50	$46.00

Window Box

ITEM NO.	SIZE	QTY/CS	PRICE	6+
LPB714	7 X 14 X 4.3	100	$122.00	$119.00

Koba 8” - 10” Fluted & 12” Curved

All Koba hanging baskets are saucerless and include 17” hangers for 8 and 10” and 21” hangers for the 12”.

ITEM NO.	SIZE	COLOR	QTY/CS	PRICE	6+
SHB410C	10”	CLAY	72	$63.50	$62.00
SHB412	12”	WHITE	50	$70.02	$70.00
SHB412C	12	CLAY	50	$73.00	$71.00

Beldon 14” Smooth Basket

Belden
True 14” wide & 7.5” deep
with wire hangers

ITEM NO.	POT SIZE	COLOR	QTY/CS	PRICE
SHB514	14”	WHITE	25	$121.00
SHB514C	14”	CLAY	25	$118.00

Beldon Hanging Garden

Fill the Hanging garden’s lower portion with soil and lay your plugs or cuttings into the holes. Then, snap on the top ring and watch the basket disappear beneath a magnificent floral sphere! 10” x 5.5” with wire hanger.

ITEM NO.	POT SIZE	COLOR	QTY/CS	PRICE
BHG10	10”	WHITE	25	$86.00

Contact us for quantity discounts (full skid or more) for any items on these pages.

Nursery Pots

ITEM #	BRANDNAME	DIA X HT	GAL.	QTY/CS	COLOR	PRICE	6+
275C	NURSERY SUPPLIES	6.6X5.5	.5	100	BLK	$20.67	$20.25
300C	NURSERY SUPPLIES	6.4X7.25	.7	100	BLK	$26.50	$25.50
300SC	NURSERY SUPPLIES	6.5X6.5	.7	100	BLK	$18.25	$18.00
350C	NURSERY SUPPLIES	8X5	1	130	BLK	$29.00	$28.00
400C	NURSERY SUPPLIES	7X7	1	77	BLK	$28.08	$27.00
550C	NURSERY SUPPLIES	9X6	1.2	100	BLK	$29.03	$27.90
600C	NURSERY SUPPLIES	8.8X8.5	1.7	100	BLK	$33.20	$32.00
1000SC	NURSERY SUPPLIES	10X7.7	2.2	75	BLK	$34.57	$34.00
1000C	NURSERY SUPPLIES	10X9	2.5	68	BLK	$28.50	$28.00
1200SC	NURSERY SUPPLIES	11X7.5	2.7	52	BLK	$34.46	$33.77
1200C	NURSERY SUPPLIES	11X9.5	3	45	BLK	$25.53	$25.00
2000C	NURSERY SUPPLIES	12X11.	5	44	BLK	$34.73	$34.00
2100C	NURSERY SUPPLIES	13X10	5	45	BLK	$63.00	$62.70
2800C	NURSERY SUPPLIES	14X11.	7	45	BLK	$57.34	$56.00
6900S	NURSERY SUPPLIES	17.2X15.2	15	18	BLK	$58.13	$58.00

NCR Tray Solid Side & Bottom
with drain holes

ITEM NO.	DEPTH	QTY/CS	PRICE/CS	6+
NCR	2.33	100	$71.00	$69.00

NCRN Tray Solid Side & Bottom
with no drain holes

ITEM NO.	DEPTH	QTY/CS	PRICE/CS	6+
MYENCRN	2.33	100	$72.00	$70.00

Open Seeder Tray

ITEM NO.	DEPTH	QTY/CS	PRICE/CS	6+
LSFOPEN	1.38	100	$114.00	$111.00

10 Row Seed Tray with Holes

ITEM NO.	DEPTH	QTY/CS	PRICE/CS	6+
LSF10	1.25	100	$122.00	$119.00

Notice: The items on the next few pages of common nursery containers and trays are supplied by various vendors. We do not guarantee which brand you will be receive. If you have a preference on brand, please specify when ordering.

Round Azalea & Geranium Pots

The standard pots are heavier and feature a wide lip and side-bottom drainage.

LTW = Black TWP = Green

LTW060 6X4.75”

LTW065 6.5X5.13”

ITEM NO.	POT SIZE	QTY/CS	PRICE/CS	6+
MYELTW045	4.5”X4”	900	$63.00	$62.00
LTW060	6”X4.75”	252	$41.30	$40.00
LTW065	6.5”X5.13”	260	$51.40	$50.00
LTW085	8.38”X6”	185	$105.06	$100.00
TWP070	7”X5.5”	264	$85.00	$83.00
TWP080	8”X6.25”	20	$100.80	$90.00
TWP100	10”X7.5”	36	$27.20	$26.50

Thermoformed Pots

TWT6 6” x 4.3”

TWT45 4.5”x4”

TWT5 5” x 3.8”

Thermoformed Drainage

The thermoformed pots are a smooth thinwall pot with a “hoop” strength.

TWT=Thermoformed

ITEM NO.	POT SIZE	QTY/CS	PRICE/CS	6+
MYETWT4	4”X3.5”	1,332	$61.00	$60.00
MYETWT45	4.5”X4”	720	$40.00	$39.00
MYETWT5	5”X3.63”	675	$55.00	$54.00
TWT6	6”X4.75”	220	$18.00	$17.40
MYETWT6	6”X4.75”	864	$70.00	$69.00
MYETWT65	6.5”X5”	300	$36.00	$35.00

Press Fit Trays

ITEM NO.	DESCRIPTION	COUNT	APPRX. SIZE	QTY/CS	PRICE/CS	6+
PF10225	2.25 SQUARE POT TRAY	32	9”X18”	100	$75.00	$73.00
PF1030	3” SQUARE POT TRAY	32	1X21	100	$84.00	$82.00
PF10320	3.25” SQUARE POT TRAY X-DEEP	20	12X15	100	$111.00	$108.00
PF1040	4” SQUARE POT TRAY	18	11X21	100	$83.00	$81.00
PF1045	4.5” SQUARE POT TRAY	15	13X21	50	$49.50	$48.00

Nursery Carrying Tray

300 nursery Carrying Tray

Carrying Tray

Carrying Tray

ITEM NO.	POT SIZE	POTS/TRAY	TRAY SIZE	QTY/CS	PRICE/CS
SRT040	4”	15	12.1X20.25”	85	$90.00
MYESRT045	4.5”	15	13.9”X23.1”	50	$53.50
MYESRT050	5”	8	10”X20”	100	$42.00
MYESRT060	6”	6	11.5”X17.6”	100	$46.25
SRT065	6.5”	6	13”X19.6”	100	$97.50

3-Strand Hangers for 10” Baskets

ITEM NO.	LENGTH	COLOR	QTY/CS	PRICE/CS
SHBE10	16”	WHITE	450	$33.00
SHBE103	16”	WHITE	25	$3.60
SHBE10L3	19”	WHITE	25	$4.80
SHBE10LG	19”	GREEN	50	$9.60
SHBW1050	21”	WIRE	50	$12.00

4-Strand Hangers for 12” Baskets

ITEM NO.	LENGTH	COLOR	QTY/CS	PRICE/CS
MYESHBE12500	22”	WHITE	25	$8.80
MYESHBE12G	22”	GREEN	25	$8.80
MYESHBE4E22	22”	CLAY	25	$8.80
MYESHBH4E26	22"	SNDSTN	25	$8.80
MYESHBW12	24”	WIRE	25	$15.97

10” - 20” Wire Hanging Baskets

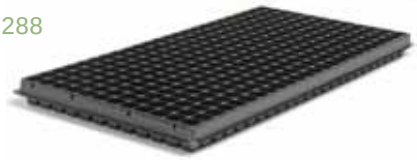
ITEM NO.	DESCRIPTION	QTY/CS	PRICE
WHB010	10” BASKET W/ EYE HANGER	25	$60.69
WHB014	14” WIRE HANGING BASKET	25	$91.34
WHB016	16” WIRE HANGING BASKET	25	$107.27
WHB018	18” WIRE HANGING BASKET	25	$123.21
WHB020	20” WIRE HANGING BASKET	25	$139.75

Square Press Fit Pots

ITEM NO.	DESCRIPTION	TOP	DEPTH	QTY/CS	PRICE/CS	6+
PF0225	2.25” SQUARE POT	2.19”	3”	1920	$75.00	$73.00
PF03	3” SQUARE POT	2.63”	2.25”	800	$33.00	$32.00
MYEPF030	3” SQUARE POT DEEP	3”	3.5”	800	$36.00	$35.00
PF0320	3.25” SQUARE X-DEEP	3”	4.25’	400	$26.70	$26.00
MYEPF040	4” SQUARE POT	3.5”	3.5”	450	$31.80	$31.00
PFO40	4" X-DEEP	3.5"	5"	450	$43.20	$42.00
MYEPF045	4.5” SQUARE POT	4.19”	3.63”	375	$34.90	$34.00
MYEPF0450	4.5” SQUARE POT DEEP	4.19”	3.63”	375	$44.87	$43.00

Plug Trays

288



408

512

Standard 1020 Size

ITEM NO.	DESCRIPTION	WIDTH	DEPTH	PRICE/CS	6+
LPT050	50 SQUARE	1.75	2.25”	$91.50	$89.00
LPT0720	72 SQUARE	1.625”	2.375”	$91.50	$89.00
LPT0721	72 ROUND	1.25”	1.50”	$91.50	$89.00
LPT098	98 SQUARE	1.25”	2”	$91.50	$89.00
LPT128	128 SQUARE	1.25”	2”	$91.50	$89.00
LPT200	200 SQUARE	0.875”	1.75”	$91.50	$89.00
LPT288	288 SQUARE	0.75”	1”	$91.50	$89.00
LPT288D	288 SQ. DEEP	0.75”	1.75”	$91.50	$89.00
LPT392	392 SQUARE	0.625”	1”	$91.50	$89.00
LPT406	406 SQUARE	0.625”	1”	$91.50	$89.00
LPT512	512 SQUARE	0.562”	1”	$91.50	$89.00

True 1020 Flats

Note: Not standard size.
True 10” x20” / 100 per case

ITEM NO.	DESCRIPTION	PRICE	6+
CFT1	TRUE WEB FLAT (MOLDED)	$41.00	$40.00

Injection Molded Carrying Trays

Lightweight yet durablefor an inexpensive all-purpose tray.

ITEM NO.	DESCRIPTION	PRICE	6+
CF15	SOLID SIDE WEB BOTTOM 50/CS	$22.00	$21.50

Sheets of Pots

ITEM NO.	DESCRIPTION		FITS IN TRAY		PRICE
LSP030	32CT	3”	CF15	PF1030	$59.50
LSP0350	18CT	3-1/2”	CF15	PF1040	$67.00
LSP045	15CT	4-1/2”		PF1045	$92.00

Clear 1020 Humidity Dome

ITEM NO.	QTY/CASE	PRICE	50+
HD1020	50/CASE	$1.60EA	$1.35 EA

Flats, Inserts, & Plug Trays

IN0601

IN0606

IN0804

IN0806

IN1201

IN01001

IN01004

IN01006

IN1801

IN1203

IN1204

IN1206

IN2401

1020 Inserts 100/Case

ITEM NO.	QTY / CASE		PRICE/CS	6+
IN0601	100		$40.00	$39.00
IN0606	100	AVAILABLE IN 5/8" DEEPER SUPER JUMBO PACKS	$40.00	$39.00
MYEIN0804	100	AVAILABLE IN 5/8" DEEPER SUPER JUMBO PACKS	$40.00	$39.00
MYEIN0806	100	AVAILABLE IN 5/8" DEEPER SUPER JUMBO PACKS	$40.00	$39.00
IN1001	100		$40.00	$39.00
IN1004	100		$40.00	$39.00
MYEIN1006	100		$40.00	$39.00
IN1201	100		$40.00	$39.00
IN1203	100		$40.00	$39.00
MYEIN1204	100		$40.00	$39.00
MYEIN1206	100		$40.00	$39.00
IN1801	100		$40.00	$39.00
IN2401	100		$40.00	$39.00

Plug Sheets 100/Case

ITEM NO.	CELLS/SHEET	CELL CONFIGURATION	DIA.	DEPTH	PRICE/CS	6+
LPS018	18 SQUARE DEEP	3X6	3"	3.23"	$51.50	$50.00
LPS036	36 SQUARE	4X9	2.25"X2"	2.38"	$51.50	$50.00
LPS050	50 SQUARE	5X10	1.93"	2.38"	$62.50	$61.00
MYELPS072	72 SQUARE DEEP	6X12	1.68"	2.38"	$51.50	$50.00
LPS0240	24 ROUND DEEP	3X8	2.68"	2.75"	$51.50	$50.00
LPSR038	38 ROUND	3X8/2X7 STAGGERED	2.68"	2.38"	$51.50	$50.00
LPSR050	50 ROUND	5X10	2.25"	2.38"	$51.50	$50.00
LPSR072	72 ROUND	6X12	1.5"	2.38"	$51.50	$50.00
MYELPSR098	98 ROUND	7X14	1.38"	1.63"	$51.50	$50.00

10” Hanging Baskets

ITEM NO.	POT SIZE	COLOR	DESCRIPTION	QTY/CS	PRICE/CS	6+
MYESHB210	10”	WHITE	SAUCERLESS	50	$28.00	$27.00
MYESHB210G	10”	GREEN	SAUCERLESS	50	$28.00	$27.50

12” Hanging Baskets

ITEM NO.	POT SIZE	COLOR	DESCRIPTION	QTY/CS	PRICE/CS	6+
MYESHB212	12”	WHITE SWIRL	SAUCERLESS	50	$67.50	$66.00
MYESHB212G	12”	GREEN SWIRL	SAUCERLESS	50	$68.00	$66.50
MYESHB212C	12”	CLAY SWIRL	SAUCERLESS	50	$64.50	$60.50

8”- 10” Elite Fluted Hanging Baskets

ITEM NO.	POT SIZE	COLOR	QTY/CS	PRICE	6+
MYESHB408	8”	WHITE	50	$57.50	$56.00
MYESHB410	10”	WHITE	100	$48.00	$47.00

These distinctive Panterra Planters have a textured finish and are a popular choice for many growers. With a wide base for increased stability, they are ideal for flowering arrangements, herb gardens, annual planters, and tropical plants.

Innovation
A steady stream of innovative new products
Product features designed to help you improve handling and automation
Creative container options that support your marketing initiatives

Technology
ITML’s Product Design Team designs and build product solutions that work for you and delivers product features that you are looking for

Market Leadership
ITML’s people are dedicated to:
Providing exceptional Customer Service
Continuing the use of recycled materials in their plastic and fiber manufacturing processes to help protect the environment

Panterra Bowls

- Premium quality at competitive pricing
- Textured finish and molded-in design features create an elegant appearance
- Flexible, sturdy containers are perfect for patio, porch, or deck use
- Variety of styles

ITEM NO.	SIZE	QTY/CS	PRICE	6+
MYEBTP08	8”	250	$174.00	$164.55
MYEBPT10	10”	100	$92.00	$86.00
MYEBPT12	12”	50	$72.00	$68.00
MYEBPT14	14”	50	$95.00	$89.00

Panterra Saucers

- Create a coordinated pot and saucer combination for a consistent look
- Ideal for both indoor and outdoor use

ITEM NO.	SIZE	PRICE
MYEBPTS08	8”	$.81
MYEBPTS10	10”	$.87
MYEBPTS12	12”	$.1.39

Panterra Hanging Basket

ITEM NO.	DESCRIPTION	PRICE
MYEHP1200-E22	12” HANGING BASKET 50/CS.	$62.21

Panterra Oval Planters

- These distinctive, oblong-shaped planters contain a variety of textures and finishes
- Popular choice for many growers
- Ideal for colorful flowing arrangements, herbs, annuals and tropical plants

ITEM NO.	DESCRIPTION	QTY/CS	PRICE	6+
MYEOPT12	12”	50	$73.00	$72.00
MYEOPT16	16”	50	$86.55	$84.00
MYEOPT20	20”	50	$96.00	$88.00

Panterra Oval Saucers

- Create a coordinated pot and saucer combination for a consistent look
- Ideal for both indoor and outdoor use
- Saucer clips onto the bottom of the pot

ITEM NO.	DESCRIPTION	PRICE
MYEOPTS12	12”	$1.06
MYEOPTS16	16”	$1.44
MYEOPTS20	20”	$1.72

Square Planters

8” and 15” square ITML pots

ITEM NO.	DESCRIPTION	QTY/CS	PRICE	CS
MYESQPL8	8”	56	$1.09	$1.40
MYESQPL12	12”	32	$7.99	$7.20
MYESQPL15	15”	10	$5.60	$7.20

Centabella Urns

Centabella Urns in terra cotta.
12 urns per case.

ITEM NO.	DESCRIPTION	PRICE/CS
MYECBU1550	15.5” CLAY	$42.00
MYECBU1551	15” SANDSTONE	$42.00
MYECBU1901	19” SANDSTONE	$88.00
MYECBU1900	19” CLAY	$88.00

Decostone Pots

Decostone Pots in terra cotta

ITEM NO.	DESCRIPTION	PRICE/CS
MYEDECOP11.5	11.5” 50/CS	$64.00
MYEDECOP16	16” 20/CS	$69.00
MYEDECOP16E26	16” SANDSTONE 20/CS	$69.00

Centabella Hanging Baskets

ITEM NO.	DESCRIPTION	PRICE/CS
MYECBH1200E26	12” - SANDSTONE 50/CS	$89.00
MYECBH1200E22	12” - CLAY 50/CS	$89.00

Decostone Hanging Basket

12" Decostone Hanging Pot

ITEM NO.	DESCRIPTION	PRICE
MYEDECOHBE26	SANDSTONE 50/CS	$79.00

White Hanging Baskets

ITEM NO.	DESCRIPTION	PRICE/CS	6+
MYESHB511	11” - WHITE / 50CS	$45.00	$44.00
MYESHB511G	11” - GREEN / 50CS	$46.00	$45.00

Four Strand Hangers

ITEM NO.	DESCRIPTION	PRICE
MYESHBH4E22	CLAY HANGERS 25 PACK	$8.80
MYESHBH4E26	SANDSTONE HANDERS 25 PCK	$8.80
MYESHBE12500	25/PACK WHITE	$8.80
MYESHBE12G	25 PACK GREEN	$8.80

Red Solid Basket (no holes)

ITEM NO.	DESCRIPTION	PRICE	100+
PC-065	5/8 BUSHEL	$7.50	$7.00

Three Strand Hangers

ITEM NO.	DESCRIPTION	PRICE/PK
MYESHBI18G	25/PACK GREEN	$5.20
MYESHBI18	25/PACK WHITE	$5.20

Heavy Duty Baskets

½ bushel red 14.5" wide x 12.25" deep
U.V. stabilized polyethylene, FDA approved. Has ventilated bottom and sides, nests together for storage. Weight 1.2 lbs.

ITEM NO.	PRICE	100+
PC05	$6.29	$5.90

5/8 bushel green. 15.5" wide x 13.25" deep.
U.V. stabilized polyethylene, FDA approved. Has ventilated bottom and sides, nests together for storage. Weight 1.8 lbs.

ITEM NO.	PRICE	100+
PC06	$7.20	$6.90

1.22 bushel utility box.
19" wide & long x 10.5" high FDA approved UV stabilized, polyethylene. 5.1 lbs.

ITEM NO.	DESCRIPTION	PRICE	25+
PC1250	NO DRAIN HOLES	$13.75	$13.35
PC1251	WITH DRAIN HOLES	$13.75	$13.35

1.25 bushel orange all purpose basket
(19.25" widex17' deep. Has ventilated bottom and sides, nests for storage. Weight 3.5 lbs.

ITEM NO.	PRICE	25+
PC125	$14.40	$13.90

Rectangular Lugs

1.75 bushel green general purpose container. 23.5" long x 18.5" wide x 12.25" high.
UV stabilized. FDA approved polyethylene. Vent bottom and sides. Stack on top or nests in each other (half turn).

ITEM NO.	PRICE	25+
PC175	$15.95	$15.45

7/8 bushel yellow berry lugs 23.6" long x 15.7" wide x 7" high
FDA approved high density polyethylene. Ventilated sides and bottom, (half turn) stack to nest design. Weight 3.25 lbs

ITEM NO.	PRICE	25+
PC07	$13.20	$12.80

1-1/8 bushel yellow berry lugs.
23.8" long x 17.8" wide x 7.7" high FDA approved high density polyethylene. Ventilated sides and bottom, (half turn) stack to nest design. Weight 4 lbs

ITEM NO.	PRICE	25+
PC09	$15.70	$15.20

KeenKarr

Here is a very handy metal carrying handle for handling 1/2 BU. or 5/8 BU. picking baskets or any other basket with a lip on the outside. It gives you the option of carrying 2 baskets of produce instead of one. It easily grabs and releases the basket for speed and efficiency.

ITEM NO.	PRICE
KeenKarr	$31.00

Wooden Baskets

Soft Bottom

These wooden hickory or maple baskets are perfect for your produce. Apples, peaches, pears, and many more fruits can be sold by the basket. Avalaible in various sizes.

ITEM NO.	DESCRIPTION	PRICE	50+
BSB50	.5 BU 16 QT.	$2.75	$2.55

Hard Bottom

ITEM NO.	DESCRIPTION	PRICE	50+
BHB10	¼ PECK 2QT.	$1.90	$1.80
BHB15	½ PECK 4 QT.	$2.20	$2.10
BHB25	1 PECK 8 QT.	$3.45	$3.30
BHB50	½ BU. 16 QT	$4.20	$4.05

A popular 20 bushel wooden bulk bin. Call for special sizes and styles.

ID 44” Long x 39” Wide x 26” Deep
Ship Weight 105 lbs.

ITEM NO.	PRICE	10+
WBB20	$46.50	$44.50

BeriGard Berry Boxes

ITEM NO.	DESCRIPTION	PRICE/CS	10+	50+
BBB250	QUART 250/CS	$22.60	$22.00	$21.40
BBB420	PINT 420/CS	$27.60	$27.00	
BBB300	1/2 PINT 600/CS	$32.50	$31.75	

PC 25 Shuttle Bin

330s, O.D. 48”x40”x33” (H)

Folding design reduces transport and storage cost. Available with drop down door for easy access to produce at bottom of bin.

The ShuttleBin 330 is easy to set up, use for displays, knock-down, and return. Perfect for farm or farmers market retail display, with optional drop-down doors for easy access. Collapse to 12.1” high for empty return. Call for availabilty & Prices

ITEM NO.	PRICE
PC25	$190.00

Aluminum Berry Carriers

Holds 8-1 qt. boxes. Has twin carrying handles, that fold for easy storage.

ITEM NO.	PRICE
ABC	$29.50

Berger
Grow Smarter.

Berger was the first peat producer in Canada to be ISO 9001 certified and is one of the first Veriflora certified peat producers.

- Consistent Quality products shipped in more than 15 countries.
- Highly trained sales team combining over 200 years of experience.
- Over 98% of Berger clients answered “yes” when asked whether they would recommend Berger Peat Moss to others!.
- Over 225 SME analysis are done weekly in the Berger lab.

Note: The Berger Soils are sold in a 3.8 Cu’ Compressed bale that yields to 8 Cu’ (Most other companies have only 7 Cu’) when properly loosened. Also Berger Products have a little less starter fertilizer than Promix to give you more control over the growth of the plants.

BM1

This family of all purpose mix is ideal for a variety of plants. Its composition of long fiber peat moss, perlite, vermiculite and starter fertilizer charge promotes a rapid root growth and uniform crop.

ITEM NO.	PRICE/BL	30+
BM1	$19.90	$18.90

Hardy Mum Mix

This soil has composted spruce bark and is heavier than most other mixes

ITEM NO.	PRICE/BL	25+
BMM	$18.75	$18.50

BM2

This group of mix is specifically formulated for seed germination in either plugs, trays, or floating systems. Composed of specifically designed particle peat moss, perlite and vermiculite, the BM2 mix series promotes uniform germination and rapid root development.

ITEM NO.	PRICE/BL	30+
BM2	$22.76	$22.25

Retail Peat Moss

Retail Peat Moss is an economical peat moss for mixing your own soil or blueberries, etc.

ITEM NO.	PRICE/BL	30+
BPM	$11.30	$10.30

BM6

Mixes in the BM6 group, have been formulated for water sensitive and winter plantings. The combination of course peat and horticultural perlite encourages quick drainage and high aeration, thus reducing excess irrigation.

ITEM NO.	PRICE/BL	30+
BM6	$18.40	$17.60

Custom Soil & Bulk Qty.

Available upon request Rice Hull Mixes, 3,8 compressed bales of plug mix, 75 ou’ totes of BM1 and BM7 (bark mix).

Call for current pricing on full skids.

OM1 OMRI

General Purpose Growing Medium

ITEM NO.	PRICE/BL	30+
OM1	$23.00	$21.50

OM2 OMRI

Extra Fine Germinating Mix 3.8 cu’.

ITEM NO.	PRICE/BL	30+
OM2	$25.00	$23.50

ITEM	DESCRIPTION	COMMENTS
NUTRICOTE	13-13-13- WITH MINORS	40DAY/100 DAY BLEND, 140 DAY, 180 DAY
NUTRICOTE	18-6-8 WITH MINORS	140 DAY
POLYON	13-13-13 WITH MINORS	100 DAY
OSMOCOTE	18-6-12	8-9 MO
CUSTOM BLEND	N-P-K BLENDS	NURSERY MIXES

ITEM	DESCRIPTION	COMMENTS
ORGANIC BLEND	N-P-K BLENDS	PERENNIAL MIXES
MICROS NUTRIENT BLENDS	HARRELL'S BOOSTER MICROS	NURSERY AND PERENNIAL MIXES
EPSOM SALTS	MAGNESIUM SULPHATE	FOR LOW ALKALINITY WATER
SOIL MOIST	GRANULAR POLYMER WETTING GEL	FOR HANGING BASKETS
ROOTSHIELD GRANULAR	TRICHODERMA HARZIANUM	BIO-FUNGICIDE WITH O REI
ACTINO-IRON	STREPTOMYCES LYDIUS	BIO-FUNGICIDE WITH 0 REI

Frey 200

A light weight peat-based browers mix with coconut coir

- Contains higher percentage of perlite and one-third the processed pine bark of our general purpose growing mix
- Improved water holding capacity over straight peat-lite mixes
- Provides better shelf life quality on established crops in retail settings
- For growing out bedding plants, potted crops, vegetables and hanging baskets

ITEM NO.	PRICE/BL	40+
FB200	$10.29	$9.75

Frey 400

- A medium weight peat bark-based growers mix with coconut coir
- Can be used outside for container production or in greenhouses
- Formulated with reduced limestone and increased gypsum for crops requiring lower pH
- For garden mums, cabbage, daylilies, and perennials
- Economically priced

ITEM NO.	PRICE/BL	40+
FB400	$9.50	$8.90

Frey 300

- A light to medium weight peat-based grower's mix with coconut coir
- This mix provides even wet out and rewetting characteristics
- Reduced mix shrinkage and compaction from overhead watering
- For growers that count on one mix for all their growing

ITEM NO.	PRICE/BL	40+
FB300	$9.95	$9.75

Frey 500

- A medium to heavy weight pine-barked based growers mix with coconut coir
- Improved drainage charracteristics when growing in low light conditiions
- Provides better shelf-life quality with perennial crops
- Economically priced

ITEM NO.	PRICE/BL	40+
FB500	$9.30	$8.70

Pro-Mix BX

“General purpose” peat-based growing mix. It contains spagnum peat moss, perlite, vermiculite, wetting agent, and major and minor elements.

What is Mycorrhizae: Mycorrhizae is a bneficial vesicular-arbuscular endomycorrhizal fungus that is found naturally in soils around the world. More efficient acquisition of water and nutrients.

Improved plant survival after planting into field and garden soil
Increased crop vigor, plant quality and quantity of flowers/fruit.

- 2.8 cu. ft. bags are loose filled - weight approx 35lbs
- 3.8 cu. ft. bags are compressed - weight approx 75lbs

ITEM NO.	DESCRIPTION	SIZE	PRICE/BAG	10+	PALLET
PM130	WITH MICORRHIZAE	2.8CU.FT.	$11.35	$11.15	$10.80
PM130B	WITH BIOFUNGICIDE	2.8CU.FT.	$12.00	$12.00	$11.45
PM138N	ORIGINAL	3.8CU.FT.	$21.70	$21.70	$20.70
PM138	WITH MYCORRHIZAE	3.8CU.FT.	$22.90	$22.90	$21.90
PM138B	WITH BIOFUNGICIDE	3.8CU.FT.	$24.50	$24.50	$23.50
PM138BM	WITH BIOFUNGICIDE & MYCORRHIZAE	3.8CU.FT.	$24.50	$24.50	$23.50

Pro-Mix PGX Fine Grind Germination Mix

ITEM NO.	DESCRIPTION	SIZE	PRICE/BAG	10+	57+
PM230	ORIGINAL	2.8CU.FT.	$13.10	$12.85	$12.50
PM230B	WITH BIOFUNGICIDE	2.8CU.FT.	$14.05	$13.80	$13.40

Pro-Mix BRK

A peat/bark-based mix processed pine bark adds weight and reduces water retention of media while sphagnum peat moss ensures the optimal balance between air and water. Better resistance to compaction and better container stability.

ITEM NO.	DESCRIPTION	SIZE	PRICE/BAG	10+	48+
PM930	ORIGINAL	2.8CU.FT.	$12.50	$12.25	$11.90

Long Fiber Sphagnum Moss

ITEM NO.		PRICE/BL	24+
SML35	3.5 Cu Ft Bag	$26.60	$26.00

Horticultural Vermiculite & Perlite

ITEM NO.	DESCRIPTION	PRICE	36+
TOV2A	COURSE VERMICULITE #18	$17.50	$16.50
TOV3	FINE VERMICULITE #20	$15.80	$14.80
TOP6	COARSE PERLITE (6510) #21	$13.50	$12.50

Quantity Discounts!

Call for free shipping half and full loads.

Discounts on 12+ Skids mix or match potting soil drop shipped. Call for current pricing.

NEW • Soil Moist

Soil Moist has been developed to reduce the amount of water needed to maintain vigorous plants and other green goods. When mixed in the soil, the crystals will soften and swell as water is added and absorbed. When the potting system dries, the polymer will release its water to the plant. Soil Moist acts as a water reservoir--even during periods of drought the stored water is released to the plant. The expansion and retraction of the polymer during the watering cycle helps soil aeration, which is important to all plants.

Note: Soil Moist must be incorporated into the soil at the root level of the plant/green good. Do not top dress or place on the surface. All of our products should be kept out of drains.

ITEM NO.		PRICE
FUNSM8	8LB – 1-2MM	$71.30

Jiffy Strips - 8 & 10 Pot

2.5" 8-sq pots #38
2304 per case

1.75" 10-sq pots #77
5100 per case

ITEM NO.		PRICE/CS	6+
JIF525	2.5" 8 SQ POTS/STRIP #38	$83.50	$82.00
JIF516	1.75" SQ 10 POTS/STRIP #77	$118.00	$115.00

Jiffy Mix

What happens when you combine one of Europe's top custom mix companies with the world leader in Peat products? Over 20 superior Peat, Bark and Coir based mix products, designed to have higher performance characteristics than products on today's market.

- **Jiffy-Mix #2 Container Mix**
- **Jiffy-Mix #5 Container Mix**
- **Jiffy-Mix #17 Seed Starting Mix**
- **Jiffy-Mix #17-1 Seed Starting Professional Mix**
- **Jiffy-Mix #3 Container Mix**
- **Jiffy-Mix #3-1 Container Mix**
- **Jiffy-Mix #9 Propagation Mix with Coir**
- **Jiffy Mother's Mix**
- **Jiffy-Mix #13 Propagation Mix Organic**
- **Jiffy-Mix #14 Vegetable Transplant Mix**
- **Jiffy-Mix #24 Vegetable and Herb Transplant Mix**

Jiffy Pellets

It's all about the roots

A pre-formed plug for seed starting or rooting. All Jiffy-7 sizes feature a performed soft center for easy insertion of cuttings and seeds. Expands up to 7 times original size.

ITEM NO.	PRICE/CS	6+
JIF703	$59.50	$58.00

Jiffy Round Peat Pot

3" Round; 3" Deep
1400 per case

ITEM NO.	PRICE/CS	6+
JIF130	$51.50	$49.50

Jiffy Growbag

Made of 100% coco substrate the Growbag is used in a broad range of crops. The product is delivered as a dry plate enclosed in plastic foil with a black inside and a white outside layer. After rapid expansion with a water and fertilizer solution, Jiffy Growbag is ready to be planted.
Jiffy 50/50 • Growbag For specific crops like roses and cucumbers we also have a special mix where the good characteristics of husk chips and coco pith are combined. Both products are mixed homogenously to achieve the best possible filling. Positive aspect of the Jiffy 50/50 Growbag compared to the Jiffy premium Growbag is a higher water holding capacity. Therefore it suits perfectly for growing cucumbers and roses, especially in the hotter climates.
Jiffy Husk Chips Growbag • Crops which do best in airy substrates can be grown on the Jiffy Husk Chips Growbag (HC Growbag). Compared to the Jiffy premium Growbag and Jiffy 50/50 Growbag it has a very high air content of up to 44 Vol% when saturated with water. These Growbags are used in our moderate climate zones for growing crops which like to be watered intensively without drowning the root zone.

Potting Soil Volume Chart

Azalea Pots						
Width	Depth	Cu Inches	Comp Berger	Bales Promix	Loose Berger	Bags Promix
4”	3.8”	22.4	563	493	210	196
4.5”	3.8”	36.9	341	299	128	119
5”	3.8”	48.0	263	230	98	92
5.5”	4.5”	78.9	160	140	60	56
6”	4.3”	78.0	162	142	60	56
6.5”	4.8”	115.7	109	95	41	38
7”	5”	127.0	99	87	37	35
7.5”	5.4”	158.6	79	70	30	28
8”	5.5”	186.8	67	59	25	24
10”	7.5”		31	27	11	11
Standard Round Pots						
3”	3”	12.9	977	856	365	341
3.5”	3.2”	18.0	700	613	262	244
4”	3.8”	31.0	406	356	152	142
4.5”	4.4”	43.4	290	254	109	101
5”	4.6”	68.2	185	162	69	64
5.5”	5.2”	90.6	139	122	52	49
6”	5.5”	106.8	118	103	44	41
Square Pots						
2.5”	2.2”	7.4	1,703	1,492	636	594
3”	2.5”	11.4	1,105	968	413	386
3.5”	3.1”	24.0	525	460	196	183
4”	3.2”	30.4	414	363	155	145
4.5”	3.7”	44.3	284	249	106	99
Hanging Baskets						
6”	3.8”	60.9	207	181	77	72
8”	5.2”	178.0	71	62	26	25
10”	6.2”	329.0	38	34	14	13
12”	7.3”	549.9	23	20	9	8
Nursery containers						
300	7.2”	172.1	73	64	27	26
600	8.2”	368.7	34	30	13	12
1200	9.6”	523.6	24	21	9	8
Inserts						
804		346.5	36	32	14	13
806		304.1	41	36	15	14
1004		311.6	40	35	15	14
1006		279.5	45	39	17	16
1204		297.0	42	37	16	15
1206		271.0	46	41	17	16
606 J		305.0	41	36	15	14
Plug Trays						
288		124.9	101	88	38	35
406		95.6	132	115	49	46
512		119.1	106	93	40	37

Beans

VBR Bronco
53 Day 5.5" Pod Dark Green. Slender pods with a shiny darker color. High yield, fresh market.

ITEM NO.	QTY / WEIGHT	PRICE
VBR0050	5M	$15.50
VBR0100	10M	$29.00

VST Strike • 55 Day Old Proven. 5"-6" smooth, straight slender pod. High yielding bean with good shipping. A great all around bean for all applications from auctions to roadside stands to homeowners. Great flavor fresh, canned,or frozen.

ITEM NO.	QTY / WEIGHT	PRICE
VST0050	5M	$15.25
VST0100	10M	$29.00

VEU Eureka Yellow Wax

56 Day - Develops yellow color early. Produces high yields of 6" long slender yellow pods.

ITEM NO.	QTY / WEIGHT	PRICE
VEU0050	5M	$16.10
VEU0100	10M	$30.00

Lima - VF2 Fordhook 242

75 Day Good under heavy weather conditions. 4" pods. The most popular and dependable lima bean. Outstanding yields of uniform pods even in adverse weather.

ITEM NO.	QTY / WEIGHT	PRICE
VF2020	2 LB	$5.50
VF2050	5 LB	$13.75

Beets

VRA Red Ace

53 Days • Deep red glove shape fresh market, smooth skin, heat resistant, high sugar content, fresh market. ETC.

ITEM NO.	QTY / WEIGHT	PRICE
VRA0025	25M	$20.00
VRA0050	50M	$38.50
VRA0250	250M	$182.50

VDR Detroit Dark Red

58 Days • A long time favorite. The most popular beet sold. Globe shaped, uniform, smooth dark red with a small tap root.

ITEM NO.	QTY / WEIGHT	PRICE
VDR004	4OZ	$2.65
VDR008	8OZ	$3.95
VDR010	1LB	$6.50
VDR020	5LB	$12.04

Broccoli

VPM Packman

60 Day 6" head. Early uniform production. Yields tightly packed 7"-8" heads. For spring or fall planting.

ITEM NO.	QTY / WEIGHT	PRICE
VPM0025	2.5M	$19.75
VPM0050	5M	$37.50

VGB Gypsy

74 days - Smooth dome heads with good holding ability, uniform.

ITEM NO.	QTY / WEIGHT	PRICE
VGB0025	2.5M	$14.75
VGB0050	5M	$26.75

VIP Imperial

Warm harvest season which performs best under long day conditions with moderate heat and warm nights. Superior multi-use variety suitable for bunch, crown cut and processing.

ITEM NO.	QTY / WEIGHT	PRICE
VIP0010	1M	$6.30
VIP0025	2.5M	$15.75
VIP0050	5M	$28.75

Cabbage

VET Early Thunder

78 Days 3-4 lb blue-green heads, slow bolting tolerance.

ITEM NO.	QTY / WEIGHT	PRICE
VET0025	2.5M	$11.50
VET0050	5M	$19.75

VTH Thunderhead

74 Days Solid 3-5 LB head very compact dense head.

ITEM NO.	DESCRIPTION	PRICE
VTH0025	2.5M	$12.25
VTH0050	5M	$21.25

VB Bravo

85 Days. Xlarge round head, nice color. 5-6 lb. Blue-green heads with good disease resistance. Outstanding performance.

ITEM NO.	QTY / WEIGHT	PRICE
VB0025	2.5M	$12.00
VB0050	5M	$20.75

Cantaloupes (melons)

VAF Aphrodite

80 Day 6-8lb Oval w-refined net, med. cavity orange flesh. Good disease resistance and remarkable flavor.

ITEM NO.	QTY / WEIGHT	PRICE
VAF0005	500	$29.50
VAF0010	1M	$56.00
VAF0050	5M	$268.75

VAT Athena

80 Day 5-7 lb Oval w/course net, small cavity, great shipper. Very good disease resistance and remarkable flavor.

ITEM NO.	QTY / WEIGHT	PRICE
VAT0005	500	$28.50
VAT0010	1M	$54.00
VAT0050	5M	$258.75

VBH Burpee Hybrid PMT

82 days 4-5 lb. High yielding with a great flavor. Fine flavor makes this a popular cantaloupe for roadside stands.

ITEM NO.	QTY / WEIGHT	PRICE
VBH0005	500	$32.50
VBH0010	1M	$61.50
VBH0050	5M	$295.00

VAR Ariel

73 Day 5-7 lb. Slightly Larger than Athena. Tolerant to Fursarium 0,1,2

ITEM NO.	QTY / WEIGHT	PRICE
VAR0005	500 SDS.	$31.00
VAR0010	1M SDS.	$58.25
VAR0050	5M SDS.	$280.00

Carrots

VKSN - Scarlet Nantes

Orange-Red 6” roots. Very sweet carrot. A very popular carrot for fresh market. Available in 4 oz., 8 oz., and 1 lb.

ITEM NO.	QTY / WEIGHT	PRICE
VKSN004	4 OZ	$5.00
VKSN008	8 OZ	$8.25
VKSN010	1 LB	$11.00

VKU Kurada

72 Day, very sweet and flavorful carrot with a 5” tapered root. Pelleted Seed.

ITEM NO.	QTY / WEIGHT	PRICE
VKU004	4 OZ	$24.35
VKU008	8 OZ	$46.00
VKU010	1 LB	$65.00

VKN Nantindo

70 Day. Beautiful 6”-8” Roots with a deep orange color. Good carrot for market bunching. Excellent taste.

ITEM NO.	QTY / WEIGHT	PRICE
VKN0005	500	$.90
VKN0010	1M	$1.00
VKN0050	5M	$5.00
VKN0100	10M	$10.00

Cauliflower

VSC Snow Crown

68 day 7” Med-large must be tied.

ITEM NO.	QTY / WEIGHT	PRICE
VSC0025	2.5M	$21.75
VSC0050	5M	$40.50

VAC Attribute

67 Day High dome, upright cover, smooth white

ITEM NO.	QTY / WEIGHT	PRICE
VAC0025	2.5M	$52.00
VAC0050	5M	$100.00

VWS White Sails

70 days- Large plants. Extra large heads are very deep, dome shaped. 7.5” heads. Late main season, self wrap hybrid.

ITEM NO.	QTY / WEIGHT	PRICE
VWS0025	2.5M	$26.75
VWS0050	5M	$50.50

Cucumber

VDA Dasher II • 58 Day Cucumbers are a proven favorite. Straight, classy, highly uniform, 8” dark green fruit are set on disease resistant vines. Yields and quality get high grades.

ITEM NO.	QTY / WEIGHT	PRICE
VDA0010	1M	$9.65
VDA0050	5M	$42.00

Corn - Sweet Yellow

VBO Bodacious - Yellow, SE

75 Days - Early S.E. Hybrid with superior flavor and holding ability. 8" ear, good filling tip with exceptional eating quality.

ITEM NO.	QTY / WEIGHT	PRICE
VBO020	2 LB.	$22.20
VBO050	5 LB.	$52.75

VI Incredible Yellow SE

84 Day 8.5" Ear Big flavorful ears, excellent appearance & yields. Good tip fill and husk cover with excellent flavor.

ITEM NO.	QTY / WEIGHT	PRICE
VI020	2LB	$21.90
VI050	5LB	$52.00

VM1 Miria 131Y Yellow SE

71 Day Excellent size and tip fill with superior Miria taste. 8" ears, An early, high quality yellow sweet corn variety. Mirai 131Y produces high quality in only 71 days from seeding.

ITEM NO.	QTY / WEIGHT	PRICE
VM1005	5M	$39.00
VM1010	10M	$75.00

Corn - Sweet White

VA Argent White SE

86 Day 8" Ear Stewart's wilt tolerant, white version of Incredible. Good husk protection. Vigorous in cool conditions. Tender, sweet kernels.

ITEM NO.	QTY / WEIGHT	PRICE
VA020	2 LB	$22.70
VA050	5 LB	$54.00

VAV Sweet Corn Avalon Triple Sweet

84 days, 8" ear white, high sugar content

ITEM NO.	QTY / WEIGHT	PRICE
VAV0050	5M	$32.75
VAV0100	10M	$62.50
VAV0500	50M	$302.50

VFR Frosty

72 Days Good size, flavorful ears. SE, 8" ear, Frosty sweet corn is excellent for the home vegetable garden, roadside stand and fresh market

ITEM NO.	QTY / WEIGHT	PRICE
VFR020	2LB	$22.40
VFR050	5LB	$53.25

VSK Silver King White SE

84 Days 8" Ear Good disease resistance, attractive, high quality. Sweet flavor with nice crispness

ITEM NO.	QTY / WEIGHT	PRICE
VSK020	2LB	$22.40
VSK050	50LB	$53.25

Corn - Sweet Bi-color

VD Delectable Bicolor SE

82 Day 9" Ear Great for a main season bicolor. Large well filled ears with a dark green husk. Exhibits a wide range of adaptability and versatility in several markets with wonderful tenderness and taste.

ITEM NO.	QTY / WEIGHT	PRICE
VD020	2LB	$22.70
VD050	5LB	$54.00

VM8 Mirai 308BC Bicolor SE

71 Day Excellent size and tip fill with superior Mirai taste. 8" ear. An exceptional bicolor sweet corn. Sturdy and clean plants that have intermediate resistance to common rust and Stewart's wilt produce good yields.

ITEM NO.	QTY / WEIGHT	PRICE
VM8005	5M	$42.50
VM8010	10M	$83.00

VMO Mirai 350BC Bicolor SE

78 Day Great Tate and good shipping/handling ability. 8" ear, a later season Mirai sweet corn with the full compliment of flavor and tenderness for which the Mirai varieties are known.

ITEM NO.	QTY / WEIGHT	PRICE
VMO005	5M	$39.00
VMO010	10M	$85.00

VP Providence Bicolor SG

80 Days 8" Ear Triple Sweet, rust resistant. Providence sweet corn has a superb eating quality that is suited for roadside and farm market sales.

ITEM NO.	QTY / WEIGHT	PRICE
VP0050	5M	$29.00
VP0100	10M	$55.00

VTE Temptation Bicolor SE

72 Day 7" Ear Sturdy plant, easy to snap. Good flavor. Good cold soil planting vigor, great husk cover and tip fill. High yield potential.

ITEM NO.	QTY / WEIGHT	PRICE
VTE0050	10M	$35.00
VTE0100	50M	$67.00

Corn - Ornamental

VF Fiesta

100 Day 7"-10" Ear 50% purple husks multiple colors. Early maturing, full sized hybrid with attractive mixture of yellow, red, white, blue, purple and variegated kernels. Earlier and on shorter stalks than the standard Indian Ornamental.

ITEM NO.	QTY / WEIGHT	PRICE
VF020	2LB	$17.10
VF050	5LB	$40.00

VIO Indian Ornamental

110 7”-9” Ear bright colored mix of kernels. Nice 8”-10” with a full range of glossy colors, 15-20% purple husks, strong plants.

ITEM NO.	QTY / WEIGHT	PRICE
VIO020	2LB	$10.60
VIO050	5LB	$24.00

VCM Carousel Mini

110 Day 4” Ear colorful kernels

ITEM NO.	QTY / WEIGHT	PRICE
VCM008	8OZ	$6.50
VCM010	1LB	$10.90

Eggplant

VEP Epic

64 Days 36” tall w/heavy purple/black yields. TMV resistant. Best of the larger oval fruited types. Fruit average 9 in length, 3.5 in wide. Skin is deep purple.

ITEM NO.	QTY / WEIGHT	PRICE
VEP0005	500	$6.25
VEP0010	1M	$9.15

Gourds

VAW Autumn Wings Med.

Mostly winged gourds. Avg Unique 3 in. winged swan/pear bulb with 6 in. neck

ITEM NO.	QTY / WEIGHT	PRICE
VAW004	4OZ	$30.00
VAW008	8OZ	$56.00
VAW010	1LB	$104.00

VWM Select Fancy Mix

All shapes and colors, warted and winged.

ITEM NO.	QTY / WEIGHT	PRICE
VWM004	4OZ	$25.20
VWM008	8OZ	$45.60
VWM010	1LB	$84.80

VSW Swan Gourds

The crooked neck widens at the tip to give it a swan’s look. Fully matured huge 18 in long with 8 in base. Smooth dark green/ mottled cream. Curved neck, swan head.

ITEM NO.	QTY / WEIGHT	PRICE
VSW004	4OZ	$10.00
VSW008	8OZ	$16.96
VSW010	1LB	$32.00

Lettuce

VLB, Buttercrunch

cut lettuce-65 day. This extremely popular lettuce has a luscious, buttery texture. The soft heads are creamy yellow inside and have some heat resistance. Best in cooler regions. Plant early in spring and repeat every 2 weeks into fall. Protect from heat with shade cloth. Likes fertile soil, ample water. Best when picked minutes before your meal.

ITEM NO.	QTY / WEIGHT	PRICE
VLB004	4OZ	$3.15
VLB008	8OZ	$4.70
VLB010	1LB	$6.25

VGSS, Black Seeded Simpson

Cut lettuce- 45 day, Hugely popular for over 150 years, it's one of the most tender and delicately flavored leaf lettuces ever bred. The ruffled leaves are large with an appealing green color. Simpson is well adapted to a wide range of climates and is still the best for early spring sowing.

ITEM NO.	QTY / WEIGHT	PRICE
VGSS004	4OZ	$2.75
VGSS008	8OZ	$4.13
VGSS010	1LB	$5.50

VGI Green Ice

Cut lettuce- 45 day, A customer Favorite! Green Ice is one of the sweetest cut lettuce. Gorgeous texture too. Large clusters of rich green, ruffled leaves.

ITEM NO.	QTY / WEIGHT	PRICE
VGI004	4OZ	$7.43
VGI008	8OZ	$11.86
VGI010	1LB	$19.64

VLS, Summertime

75 day. Produces firm heads with crisp texture and delicious sweet flavor. Quality is good even when temperatures are high. Proven tops for performance, flavor and wide adaptability.

ITEM NO.	QTY / WEIGHT	PRICE
VLS004	4OZ	$9.50
VLS008	8OZ	$16.60
VLS010	1LB	$23.70

VLR, Red Salad Bowl

Red cut lettuce- 50 day, Red Salad Bowl is a long-standing, slow-to-bolt and early maturing lettuce that grows well all season and can be harvested over period of time. Its maroon-red, deeply cut and finely divided leaves are crisp and delicious and make an eye-catching addition mixed with green lettuce. Some tolerance to late-season mildew.

ITEM NO.	QTY / WEIGHT	PRICE
VLR004	4OZ	$3.50
VLR008	8OZ	$6.13
VLR010	1LB	$8.75

Onions

Onion Sets – Must be ordered in Dec. to Feb.

(Packed in 1 bushel #32 bags)
(Shipping Feb 1 to Mar 15)
Shallots and Garlic available for special order only.

ITEM NO.	DESCRIPTION / WEIGHT	PRICE
OW32-1	WHITE / 1LB	$1.18
OW32	WHITE / 32LB	$25.00
OY32-1	YELLOW / 1LB	$1.12
OY32	YELLOW / 32LB	$23.00
OR32-1	RED / 1LB	$1.25
OR32	RED	$23.00
OS01	LONG WINTER KEEPER (STUTTGARTER)	$26.00
OOW3	2 OVERSIZE WHITE / 3LB	$18.00

VCO Candy Onion

85 Day. A mild, sweet onion that will hold into winter if cured and stored in a cool dry place.

ITEM NO.	QTY / WEIGHT	PRICE
VCO0005	500	$2.07
VCO0010	1M	$4.14
VCO0050	5M	$20.50

Peas

VDG Dwarf White
(untreated available)
65 Day 3" flat 30" vine, tender & sweet. Thin flat pods are 3" long, sweet, crisp and delicious.

ITEM NO.	QTY / WEIGHT	PRICE
VDG0020	2LB	$4.20
VDG0050	5LB	$7.50

VOS Oregon Sugar Pod II
38" vine, disease resistant. 4"x3/4" Pods, Snow pea with mild, sweet flavor. Smooth pod. High yielding.

ITEM NO.	QTY / WEIGHT	PRICE
VOS0020	2LB	$4.50
VOS0050	5LB	$8.25

VS Sugar Sprint
Snap Peas produces excellent early yields of edible, stringless pods that are very sweet and tender. The 3 in. pods can be enjoyed fresh off the vine, steamed or used in stir-fry.

ITEM NO.	QTY / WEIGHT	PRICE
VS0020	2LB	$9.20
VS0050	5LB	$20.00

VCC Cascadia

67 Day 3" pod 24" vine

ITEM NO.	QTY / WEIGHT	PRICE
VCC0020	2LB	$4.80
VCC0050	5LB	$9.00

VES Spring

57 Day 3” blunt pod, 22” vine, compact and early. This is a very early pea that bears large crops on medium sized plants. Pods hold 6 to 7 plump peas, vines grow 20” tall.

ITEM NO.	QTY / WEIGHT	PRICE
VES0020	2LB	$5.10
VES0050	5LB	$9.75

VK Knight

62 Day 4’ pointed pod 20” vine Early, good disease resistance. Bright green pods are narrow and pointed with high yields on compact plants.

ITEM NO.	QTY / WEIGHT	PRICE
VK0020	2LB	$4.80
VK0050	5LB	$9.00

VEF Early Frosty

64 Day popular dependable. Outstanding quality and sweetness, a superior variety for freezing. At its best before the pods are completely filled. Tricky to pick, but one of the easiest to shell. Holds quality for a long time after picking.

ITEM NO.	QTY / WEIGHT	PRICE
VEF0020	2LB	$4.50
VEF0050	5LB	$9.00

VGA Green Arrow

68 Day 4.5” pods large yields, bright green color. Heavy yields later. This very heavy yielder bears slim, straight pods packed with 9-11 small, deep green berries. Exquisite flavor and tenderness makes Green Arrow suitable for fresh market or freezing.

ITEM NO.	QTY / WEIGHT	PRICE
VGA0020	2LB	$4.80
VGA0050	5LB	$9.00

Peppers

VRK Red Knight X3R

64 Day 4.5” x 4” fruit compact sturdy plant, heavy yields. The shiny, attractive fruit ripen from a dark green to an intense red color.

ITEM NO.	QTY / WEIGHT	PRICE
VRK0005	500	$30.00
VRK0010	1M	$57.00
VRK0050	5M	$275.00

VKA King Arthur

67 Day 4.5” x 4.5” fruit, upright & strong plant, sets well in heat. The large, blocky peppers are sweet, thick-walled, and ripen from green to bright red. The upright, multi-virus resistant plant sets well in heat and provides excellent cover for its heavy yields.

ITEM NO.	QTY / WEIGHT	PRICE
VKA0005	500	$25.50
VKA0010	1M	$48.00
VKA0050	5M	$230.00

V81 Summer Sweet 8620
Summer Sweet 8620 produces very attractive, blocky fruit that ripen from green to bright yellow.

ITEM NO.	QTY / WEIGHT	PRICE
V810005	500	$16.50
V810010	1M	$29.00
V810050	5M	$135.00

Potatoes

Seed Potatoes available in March & April.

50lb Bags Only

ITEM NO.	QTY / WEIGHT	PRICE
YUKON GOLD	YELLOW	$17.50
REBA	WHITE	$16.50
KENNEBEC	WHITE	$16.50
EVA	WHITE	$16.50
LEHIGH	WHITE	$19.50
RED NORLAND	RED	$16.50
RED PONTIAC	RED	$16.50

Yukon Gold
Mid-to-late season, Yukon Gold is a large variety of potato most distinctly characterized by its thin, smooth eye free skin and yellow tinged flesh. Unlike some other potato the Yukon Gold can stand up to both dry heat and wet heat cooking methods. Its waxy moist flesh and sweet flavor make it ideal for boiling, baking and frying but these potatoes will also withstand grilling, pan frying, and roasting.

Reba
Mid-to-late season, Excellent flavor--one of the highest rated in taste-tests Good for baking (not too dry, not too moist), potato salads, boiling, mashing, chipping. Bright white flesh. Shape: Round to oval to oblong. Skin: Smooth, bright white to buff colored.

Kennebec
Mid-to-late season, A popular all-purpose potato with smooth skin and texture, and white flesh that resists late blight and yields heavily at midseason. The Kennebec potato is a high-yielding, fast growing, widely adapted and vigorous potato variety with excellent storage qualities. Not only is it sold as a fresh market potato, it is widely distributed for processing as frozen fries and potato chips.

Eva
Mid season, Bright white skin and white flesh with texture a little mealy lend these tubers to mashing, baking, and home-made chips! Excellent storage. Resistant to golden nematode, common scab, viruses, early blight and hollow heart. Does everything well in the kitchen and has good flavor.

Lehigh
Late season, A great all-purpose potato: good for baking, mashing, boiling, frying, home-fries and they make a mean potato salad. Potato growers found that Lehigh offered consistently high yields across very diverse growing regions. These round to oblong, slightly flattened tubers with appealing yellow flesh provide good flavor. Resistant to blackspot bruise; tolerant to scab.

Red Norland
Early-midseason, Selected for richer red skin color. Round to oblong tubers have white flesh, store well, and are excellent for boiling. The “Red Norland” potato is great for cooking, very healthy and easy to grow! Very good for boiling and salads. Good for frying, roasting, and French frying.This is an outstanding red potato that offers both great flavor and heavy yields.

Red Pontiac
A mid-season variety, it offers sweet, solid white flesh with a flavor you just have to try to believe! The large, round tubers hold their shape and color during cooking, making them a great all-around choice for boiling, baking, frying, and mashing. If you just can’t wait until harvest time for a potato fix, pluck these new red potatoes earlier for a simple, tasty treat - boiled, lightly seasoned, and straight to your plate!

Pumpkins

VCPO Conestoga Special OP

120 Day 40-80 lbs. Full vine. This extra large, open-pollinated pumpkin has excellent color, and a very nice thick handle.

ITEM NO.	QTY / WEIGHT	PRICE
VCPO008	8 OZ.	$51.00
VCPO010	1 LB.	$90.50

VCPH Conestoga Giant Hybrid

Treated with FarMore DI400 115 Days - 35-60 lb, Amazingly strong, dark 2-3" handles ranging 4-5" long make this a winner. Moderate PM tolerance.

ITEM NO.	QTY / WEIGHT	PRICE
VCPH0005	500	$28.50
VCPH0010	1M	$53.50
VCPH0050	5M	$260.00

VG Gold rush

120 Day 20-35 lbs. Dark green handle, uniform, large. Gold Rush is a large pumpkin hybrid with handles 4" long and 3" in diameter. The fruit are thick fleshed and heavy.

ITEM NO.	QTY / WEIGHT	PRICE
VG0005	500	$13.50
VG0010	1M	$24.00
VG0050	5M	$112.50

VGM Gold Medal

95 Day 35-40 lbs, dark green handle, uniform, large. Very attractive size, color and shape for the retail market. Uniform, exceptional handles and a great yielder.

ITEM NO.	QTY / WEIGHT	PRICE
VGM0005	500	$20.00
VGM0010	1M	$37.50
VGM0050	5M	$180.00

VHP Hybrid Pam

90 days - Deep Orange 4-6 lb. High yielding with restricted vines for high density planting. Long, deep green handles. Good pie size.

ITEM NO.	QTY / WEIGHT	PRICE
VHP0005	500	$22.00
VHP0010	1M	$41.00

VPW Prizewinner

120 Day 100+ lbs. Red/orange, shallow ribs, exhibition pumpkin. With a fairly uniform shape for a big pumpkin and a consistent, bright reddish-orange color, Prizewinner is an excellent contest pumpkin. Its typical pumpkin shape with shallow ribs makes it a good fit for roadside displays, too.

ITEM NO.	QTY / WEIGHT	PRICE
VPW0050	50	$23.00
VPW0025	250	$95.00
VPW0010	1M	$355.00

VWCC Cotton Candy White

Cotton Candy is the most attractive white pumpkin we have due to its true, white color. It has a smooth, slightly ridged skin that is actually white. The handles are dark green attached, which is unusual for a white pumpkin. Store in a dark place to maintain the true white color. Excellent yields.

ITEM NO.	DESCRIPTION	PRICE
VWCC0005	500	$20.00
VWCC0010	1M	$30.00

VWG Warty Goblin

8-15 Lb. High yielding pumpkin. A heavily warted pumpkin with a orange base with green warts. Hardshell pumpkin for durability and storage. An excellent pumpkin for road side stands and pick your own.

ITEM NO.	QTY / WEIGHT	PRICE
VWG0005	500	$51.00
VWG0010	1M	$98.26

Radish

VCH Champion

21 Day Bright red glove shape, very firm, slow to pithy. Strong tops for upland soils. Good for bunching and shipping.

ITEM NO.	QTY / WEIGHT	PRICE
VCH004	4OZ	$2.00
VCH008	8OZ	$3.52
VCH010	1LB	$4.96

Spinach

VME Melody

42 Day Currently the most popular “semi savoy” hybrid for fresh market, freezing or canning. Upright plants are easily harvested and keep leaves dirt free. For spring or fall harvests. Deep green leaves.

ITEM NO.	QTY / WEIGHT	PRICE
VME0250	25M	$12.50
VME0500	50M	$23.00

VWB Winter Bloomsdale

45 Day Adapted for late summer/early fall plantings and overwintering. Slow bolting plants. Dark green, well-savoyed leaves.

ITEM NO.	QTY / WEIGHT	PRICE
VWB008	8OZ	$5.75
VWB010	1LB	$9.00
VWB050	5LB	$40.00

Tomatoes

VMS Mountain Spring
71 Day 9oz. Oblate, compact plant, vigorous, resists cracking. Appreciated for its superb fruits with good firmness that are particularly resistant to cracking and blossom end-rot.

ITEM NO.	QTY / WEIGHT	PRICE
VMS0005	500	$20.00
VMS0010	1M	$37.50
VMS0050	5M	$180.00

VBM Biltmore
77 days - Strong plants yield firm large to x-large fruit. Extra large 10 oz high quality, very firm fruit with good crack tolerance

ITEM NO.	QTY / WEIGHT	PRICE
VBM0005	500	$38.50
VBM0010	1M	$73.50
VBM0050	5M	$352.50

Turnips

VPT Purple Top White Globe
58 Day - A true turnip for early summer harvesting. Produces round roots about 4 in. diameter, purple shoulder, white body. Tops suitable for “greens”.

ITEM NO.	QTY / WEIGHT	PRICE
VPT0008	8OZ	$2.75
VPT0010	1LB	$4.00
VPT0050	5LB	$17.50

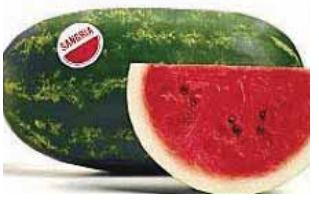
Watermelon

Diploid

VCS Crimson Sweet
88 Day 15-25 lbs. A good-sized (15-25 lbs.) nearly round fruit with about equal amounts of dark and light green striping. The orange-red flesh is crisp, has excellent flavor and small brown seeds. Crimson Sweet is a full-season beauty for local markets and shipping.

ITEM NO.	QTY / WEIGHT	PRICE
VCS0001	1OZ	$3.00
VCS0004	4OZ	$6.80
VCS0008	8OZ	$10.40
VCS010	1LB	$15.68

VSA Sangrai
87 Day 22-26Lbs elongated, bright dark flesh, local market. Very sweet flesh with excellent quality. Abundant yields. Widely adapted.



ITEM NO.	QTY / WEIGHT	PRICE
VSA00025	250	$17.50
VSA0005	500	$32.00
VSA0010	1M	$60.00

VS8 Summer Flavor #800
87 Day 18-20 Lbs. Elongated/ blocky. Dark-green stripes on light-green background.

ITEM NO.	QTY / WEIGHT	PRICE
VS800025	250	$17.50
VS80005	500	$32.00
VS80010	1M	$60.00

VSP Sidekick Pollinator for Seedless

Side Kick is a pollinator for use in seedless watermelon production. The compact and highly branching plants of Side Kick produce a profuse amount of flowers early and continuously. This early and continuous flowering ensures good pollination and ultimately better seedless fruit quality.

ITEM NO.	QTY / WEIGHT	PRICE
VSP00025	250	$36.00
VSP0005	500	$65.00
VSP0010	1M	$120.00

VYB Yellow Baby

65 Day Globe shaped 6 lb. personal size melon with tender, juicy 11-12% brix flesh.

ITEM NO.	QTY / WEIGHT	PRICE
VYB00025	250	$17.00
VYB0005	500	$31.00
VYB0010	1M	$58.00

Triploid

Seedless watermelons require special conditions to germinate. They may not field germinate and it is recommended to get an experienced grower to start them. Potting soil must be light and course and temperature 90 degrees. Water and heat soil before planting, and seed 1" deep. Do not water again until they emerge, 2-4 days max. Then keep heat stable at 70" until planting.

VIM Imagination

80 Day Dark green, round Sugar Baby 12-15 lb type. High brix, dark red flesh.

ITEM NO.	QTY / WEIGHT	PRICE
VIM00025	250	$83.00
VIM0005	500	$155.00
VIM0010	1M	$294.00

VSG Solid Gold

83 Day Striking rind pattern and delicious, crisp yellow flesh plus superior shipping quality. High yield potential. Surprisingly crisp and very sweet.

ITEM NO.	QTY / WEIGHT	PRICE
VSG00025	250	$102.00
VSG0005	500	$192.00
VSG0010	1M	$365.00

V44 Supersweet #5244

90 Day 85 day, Oblong, 14-18 lb fruit. Rind is light green with thick dark green stripes.

ITEM NO.	QTY / WEIGHT	PRICE
V4400025	250	$48.00
V440005	500	$88.00
V440010	1M	$165.00

VCD Crunchy Red

90 day, Round, blocky 15 lb medium green striped fruit. Deep red flesh has very high brix (very sweet.)

ITEM NO.	QTY / WEIGHT	PRICE
VCD00025	250	$60.93
VCD0005	500	$110.60
VCD0010	1M	$204.82
VCD0050	50M	$939.25

VRE Revolution Watermelon
80 day, 20-26 lbs. Unique for size, shape and rind pattern. High sugar content. Finely textured flesh.

ITEM NO.	QTY / WEIGHT	PRICE
VRE00025	250	$73.00
VRE0005	500	$134.00
VRE0010	1M	$252.00

Zucchini & Squash

VSY Spineless Beauty

50 Days. This hybrid squash became popular with growers because it has no spines on its petioles, making it easier to pick and causing less damage to the fruit when harvested. Spineless Beauty is a favorite late season variety producing big yields of uniform, long, cylindrical, medium green fruit. The open plant sets fruit continuously throughout the season.

ITEM NO.	QTY / WEIGHT	PRICE
VSY0002	250	$9.75
VSY0010	1M	$32.00
VSY0030	3M	$93.00

VGD Golden Dawn III

47 Day 7.5" deep golden color. Few spines, high yields. Deep golden zucchini 7-8 in long, cylindrical, blunt ends.

ITEM NO.	QTY / WEIGHT	PRICE
VGD00025	250	$10.00
VGD0010	1M	$33.00
VGD0030	3M	$96.00

VNP Neck Pumpkin

120 Day 18-24" long w/4-5" neck and a 9" bulb. This squash variety is actually a relative of butternut types but with a very long neck that's packed with sweet tasting orange flesh.

ITEM NO.	QTY / WEIGHT	PRICE
VNP008	8OZ	$14.00
VNP010	1LB	$25.78

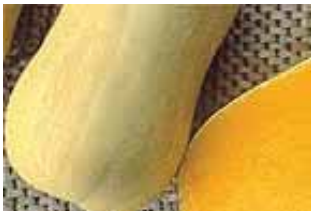
VWH Waltham Butternut

VWH Waltham Butternut 100 Day. Creamy straight fruit. Fruit are 8-10 in. long with thick, cylindrical necks. Its flesh color is richer than others, and the fruit store well, late into winter. Yielding heavily, it shows remarkable uniformity and is virtually free of slim or crooked necks. Its rind is creamy tan and slightly ridged.

ITEM NO.	QTY / WEIGHT	PRICE
VWH004	4 OZ.	$5.52
VWH008	8OZ	$8.00
VWH010	1LB	$11.52

VUH Ultra Hybrid Butternut

90 Days. 8-10lb. 15" Extra-long, thick necks (some curved) for very large yields. Nice interior quality. Flesh is bright orange, fine, and sweet. For processing use only.



ITEM NO.	QTY / WEIGHT	PRICE
VUH0005	500	$12.50
VUH0010	1M	$22.00
VUH0050	5M	$105.00

A note from us:

If a seed is packed in pounds then the price shown is per pound. If seeds is packed in ounces then the price shown is for the entire package. M = Approximately 1000 seeds. All seeds are packed by weight so if you order 1M there may not be exactly 1000 seeds in the package. Prices shown for 1M or larger packs than the price shown is per thousand seeds. Less than 1M in a pack then the price is for the entire package.

If you order any watermelon seeds you're automatically agreeing to the following terms: Bacterial fruit blotch (BFB) on melons caused by acidavorax avenae subsp. Ctitrulli is a serious disease that has become a significant risk factor in many areas where melons are grown. Gummy stem blight (GSB) is caused by a fungus, didymelia bryoniae, that attacks melons and cucubits. Yield loss due to GSB occurs as a result of rapid defoliation of vines and fruit infection and decay. The pathogen causing BFB of GSB can be introduced into a field by infested seed, infected transplants, cucurbits, mechanical means or natural spread for alternate hosts. It is impossible to conduct any test which has 100% reliable results in identification of any seed borne GSB or BFB. However manufacturers are doing their best to test and/or treat the melon seeds ad any seed sold is tested to current industry standards.

All seed sold by Martin's Produce Supplies is tested by the manufacturers and are warranteed by the manufacturers that the test results have shown no evidence to BFB of GSB. But they cannot guarantee that the seeds are free of BFB or GSB. In no case shall Martin's Produce Supplies or the Manufacturer be held responsible for anything beyond the original purchase price and if in any event Martin's Produce Supplies is forced to take legal action the purchaser shall be responsible for any legal/attorney fees. Martin's Produce Supplies cannot be held responsible for any losses or damages relating to BFB and/or GSB. No warranty is given to any melons or cucurbits.

NEW • Soil Test Kit

A handy professional soil test kit. By using the HANNA Soiltest, it is possible to measure pH and the most important elements for plant growth, that is, nitrogen (N), phosphorus (P) and potassium (K).

ITEM NO.	PRICE
HANSOILKIT	$32.39

NEW • pH Test Kit

- High accuracy with 0.01 pH resolution
- Two point fast and accurate calibration
- Usable with virtually any electrode that shares the same connector
- 3000 hours of battery life
- HI 1270 small diameter probe fitseasily into a test tube

ITEM NO.		PRICE
HANPHKIT		$50.00
HANPH4.01	4.01 PH BUFFER	$2.80
HANPH7.01	7.01 PH BUFFER	$2.80

Nutri-Leaf 20-20-20

Generally used on vegetable crops in the growing stage. Often applied at the rate of 5 lbs per acre per week.

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL320	25LB	$31.75	$31.00

Nutri-Leaf 20-20-20 (greenhouse)

A general purpose fertilizer used on vegetable crops in the growing stage. Suggested rate; 5-10 lb per acre. Can be used as a foliar spray or applied through drip irrigation tape.

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL325	25LB	$33.50	$32.70

Sol-U-Gro 12-48-8

Generally used as a plant starter and Bloom Booster on vegetable and greenhouse crops 3-10lb. per acre. 5-6 lbs per 100 Gal. water or 4 tsp per Gal in backpack sprayers. First application can be made when plants are 2-4 weeks old and used through transplant.

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL12488	25LB	$39.20	$38.20

Nutri-Chem 9-15-30

Can be used as a crop finisher on vegetable and greenhouse crops. High potash helps extend shelf life on some crops. Rates: 5-10lb per acre, 1/2-2 lb per 100 Gal. water, backpack sprayers 4 tsp per gal.

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL91530	25LB	$38.50	$37.50

Sugar Express 4-10-40

Another express package, can be applied at 5-10lb per acre or 4 tsp. per gal. in Backpack sprayer. Apply 7-10 lb per acres 5-7 days before harvest to help improve sugar development and extend shelf life on vegetable crops. Specific label on bag.

ITEM NO.	QTY / WEIGHT	PRICE
MIL41040	25LB	$68.00

Crop Finisher 4-2-41

Generally used on vegetable crops in the ripening stage. Applied as a foliar spray at the rate of 8lbs/acre

ITEM NO.	QTY / WEIGHT	PRICE
MIL4241	25LB	$38.00

Nutrient Express 4-41-27

Generally used to improve plant vigor and crop production. Apply at 8lbs/acre

ITEM NO.	QTY / WEIGHT	PRICE
MIL44127	25LB	$79.20

Nutrient Express 18-18-18

A uniform express package for all plants, at all stages under normal fertigation practices. Compatible with most pesticide. 5-10 lb per acre on u-14 day interavals or 4 tsp per gal.

ITEM NO.	QTY / WEIGHT	PRICE
MIL318	25LB	$65.50

Nutrient Express 11-41-8

A high phosphorus, express package that has it all, and will be used as a transplant and plant starter. 5-10 lb per acre on 7 to 14 day intervals or 4 teaspoons per gallon.

ITEM NO.	QTY / WEIGHT	PRICE
MIL11418	25LB	$44.50

Miller's Supreme 16-14-13

Limit of solubility = 3 lbs per gal. Vegetable crop use rates of 3-5 lb per acre per day for a supplmental feeding through drip irrigation. Ornamentals use rate of: 1-100 ratio @ 200 PPM = 16.67 oz per gal. 1-100 ratio @ 300 PPM = 25 oz per gal.rate of: 1-100 ratio @ 300 PPM = 25 oz per gal.

ITEM NO.	QTY / WEIGHT	PRICE
MIL161413	25LB	$44.50

Miller's 20-10-20

Generally used on greenhouse bedding plants. Suggested rate: Applied with a Hozon use 4 oz/gal or 10Tbsp/gal of water. Direct spray use 1/3 oz/gal or 2 tsp/gal water. Caution: water plants immediately after fertilizing to avoid burning.

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL201020	25LB	$41.25	$40.00

Nufilm 17 Extender Sticker Spreader

Superior sticking agent designed to extend the residue of pesticides. Extends Harvest/re-entry time. It is compatible with many commercial pesticides.

ITEM NO.	QTY / WEIGHT	PRICE	4+
MIL17	1 GAL	$41.50	$40.50

Nufilm P Sticker Spreader

Superior sticking agent increasing the effectiveness of insecticides, fungicides, and herbicides.

ITEM NO.	QTY / WEIGHT	PRICE	4+
MILP	1 GAL	$37.50	$36.50

NEW • Sulforix

(fungicide, insecticide, miticide), Sulforix is a well balanced fungicide-insecticide-miticide composition containing special effective wetting agents. For best results, spray to cover all exposed plant parts and repeat as necessary.

ITEM NO.	QTY / WEIGHT	PRICE
MIL82	2.5 GAL	$53.68

NEW • Lime Sulfur

A good insecticide for post harvest or dormant plants. Spray in the fall or early spring to make sure you start off with a clean bug free plant.

ITEM NO.	QTY / WEIGHT	PRICE
MIL81	5 GAL	$58.00

NEW • Magnesium

5% Magnesium & .5% Silicon 5lb bags, A chelated product for plants needing extra magnesium.

ITEM NO.	QTY / WEIGHT	PRICE
MILMAGSI	5LB	$27.00

Vapor Guard

Reduces water transpiration and can be used on vegetable and ornamental crops at 1 Gal. per acre. Helps guard against frost damage. For pre-transplant solution use 1 cup per 3 gal. of water.

ITEM NO.	QTY / WEIGHT	PRICE	4+
MILVG	1 GAL	$47.00	$46.00

Greenstim 2-8-14

Suppresses diseases by helping build plants natural immune system. Use 1-8pt. per acre to suppress Downy and Powdery Mildew in vine crops. Specific label on jug.

ITEM NO.	QTY / WEIGHT	PRICE	2+
MIL250	2.5 GAL	$137.00	$133.00

Iron Chelate

ITEM NO.	QTY / WEIGHT	PRICE
MIL93	5LB	$41.00

NEW • Miller's Swath Marker

For use in agricultural foam marker equipment as a temporary spray swath marking agent in fields.

ITEM NO.	QTY / WEIGHT	PRICE
MILSM1	1 GAL	$20.50

ZMC Express

A complete micro-nutrient package for deficient crops and soils. For foliar applications, adding Nu-Film 17 to sprays helps with absorption. Can be added to regular fertilizers and applied through drip as well. Apply at 1/2 to 1 lb. per acre per week depending on deficient levels.

ITEM NO.	QTY / WEIGHT	PRICE
MIL101	5LB	$37.63

Cytokin

A plant growth regulator containing natural plant hormones used to improve nutrient utilization, promote bud and flower set, and improve fruit size. Use 8 oz per acre of 1 oz per 4 Gal of water.

ITEM NO.	QTY / WEIGHT	PRICE	4+
MIL97	1 GAL	$96.00	$93.00

Cytoplex HMS

A plant hormone supplement, use 2-8 oz per acre on most crops along with a well balanced fertility program. Promotes root growth and healthier plants.

ITEM NO.	QTY / WEIGHT	PRICE
MIL99	1 GAL	$178.00

Spray Aide

An acidifying surfactant designed to improve tank compatibility and lower PH

ITEM NO.	QTY / WEIGHT	PRICE	4+
MILSA	1 GAL	$35.00	$34.00

Cal-Bor

Can be used at 1 qt. per acre to help correct calcium-boron or sulphur deficiencies.

ITEM NO.	QTY / WEIGHT	PRICE	2+
MIL96	2.5 GAL	$63.00	$61.00

Calcium Chelate

ITEM NO.	QTY / WEIGHT	PRICE	10+
MIL95	5LB	$29.50	$28.50

Cell Force Max 6-0-0

A new breakthrough in calcium, Cell Force Max can be applied to most fruit, vegetable and ornamental crops to correct calcium and boron deficiencies. Improves quality and shelf--life of fruit and vegetables.

ITEM NO.	QTY / WEIGHT	PRICE	2+
MIL600	2.5 GAL	$72.00	$68.00

Cell Force 3-0-0

A Calcium Nitrate and Boron mixture. Apply 1-2 pints per acre. 3% nitrogen. Results in better yields of firm fruit and less plant stress.

ITEM NO.	QTY / WEIGHT	PRICE	2+
MIL300	2.5 GAL	$62.00	$60.00

Jacks 20-10-20

Economically priced, Very popular formula, packed with micronutrients to provide those necessary elements. Plus, it's chelated for improved plant performance. Includes an effective blue color tracer so you quickly know exactly where you've sprayed or used.

ITEM NO.	QTY / WEIGHT	PRICE
JF201020	25LB	$27.50

Microplex

Generally used for treatment of soils and crops where nutrient deficiency is diagnosed or suspected. Can be mixed with other NPK at 4 oz per 50 lb. NPK. For small applications, use 1 level tsp. per gallon solution.

ITEM NO.	QTY / WEIGHT	PRICE
MIL102	5LB	$32.50

Caliber-Cote 14-14-14

ITEM NO.	DESCRIPTION / WEIGHT	PRICE
HCC314	SLOW RELEASE 50LBS	$61.00

Nutricote 18-6-8

Nutricote 18-6-8 100 Day

ITEM NO.	QTY / WEIGHT	PRICE	10+
NUT1868	50LBS	$74.00	$73.00

Borreplex OA

Organic alternative to Acid, lower water PH level and maximizes nutrient availability.

ITEM NO.	QTY / WEIGHT	PRICE
MILB5	5 GAL	$72.50

Calcium Nitrate (ag grade)

For side dressing only. (Does not dissolve easily. 15.5-0-0 + 19% Calcium.

ITEM NO.	QTY / WEIGHT	PRICE	49+
CNA50	50LB	$19.00	$17.75

Calcium Nitrate (greenhouse grade)

A readily dissolvable formula of calcium and nitrates for us in vegetable crops. Not for foliar feeding. 15.5.-0-0 + 19% Calcium.

ITEM NO.	QTY / WEIGHT	PRICE	40+
CNG50	50LB	$23.00	$22.00

15-0-15 (dark weather feed)

Dark Weather Feed 15-0-15 contains calcium nitrate (CaNO3), an essential tool for regulating growth when the weather is cool with little sunlight. This will greatly reduce the potential for damage to the roots of the plant and provide solid, balanced nutrition under these conditions.

ITEM NO.	QTY / WEIGHT	PRICE
MIL15015	25LB	$35.00

Nutricote 14-14-14

Nutricote 14-14-14 100 Day

ITEM NO.	QTY / WEIGHT	PRICE	10+
NUT141414	50LBS	$63.00	$62.00

Nutricote 13-13-13

Nutricote 13-13-13 w/Minors 100 Day

ITEM NO.	QTY / WEIGHT	PRICE	10+
NUT131313	50LBS	$69.00	$68.00

Nutricote Products

The nutrient release of NUTRICOTE is moderately affected by temperature. As temperatures warm in the spring and cool in the fall, the release of nutrients will increase or decrease. This keeps the rate of release synchronized with the rate of plant growth. Soil moisture levels do not significantly affect the nutrient release of NUTRICOTE.

Potassium Nitrate 13.5-0-46.2

Potassium nitrate is mainly used in fertilizers, as a source of nitrogen and potassium - two of the macronutrients for plants. When used by itself, it has an NPK rating of 13.5-0-46.

ITEM NO.	QTY WEIGHT	PRICE
PN50H	50LBS	$42.16

Rootshield Plus WP

Available in 1lb and 3 lb bags

ITEM NO.	QTY WEIGHT	PRICE
RSHLD +1	ROOTSHIELD PLUS WP 1 LB BAG	115.22
RSHLD +3	ROOTSHIELD PLUS WP 3 LB BAG	237.98

Liquid Fertilizers

Nutri - K 2.5Gal

NUTRI-K is a special liquid formulation of highly soluble potassium and a unique complexing agent T.O.G.. This combination provides a high quality and readily available source of potassium to be utilized by plants. NUTRI-K contains NO nitrates, chlorides or sulfates. NUTRI-K has a low salt index and is non-corrosive. Nutri-K may be applied to a wide variety of horticultural, turf, greenhouse, ornamental and all agricultural crops. Potassium requirements for most crops increase during periods of rapid growth and fruit development. Application of Nutri-K should be made based on soil and/or plant tissue analysis for potassium.

ITEM NO.	QTY / WEIGHT	PRICE	2+
NUTRIK	2.5 GAL NUTRI-K	$62.00	$60.00

Nutri - Cal 2.5Gal

Nutri-Cal® liquid calcium solution for foliar application on fruit and vegetable crops is a unique formulation, consisting of T.O.G., an organic complexing agent which masks the calcium ion, creating a molecule that is easily absorbed and is efficiently transported throughout the plant to the fruit cells. There are no chlorides or sulfates. It has a low salt index and is therefore non-corrosive. Nutri-Cal® liquid calcium supplement improves firmness and storage life. University research and use by countless growers has proven the capability of Nutri-Cal® liquid calcium supplement to improve fruit quality and firmness -- increasing storage life. Longer storage life means marketing your product when price is best and selling at premium prices.

ITEM NO.	QTY WEIGHT	PRICE	2+
NUTRICAL	2.5 GAL NUTRI-CAL	$48.00	$46.50

Essential® Organic 1-0-1

100% Natural Organic Root and Plant Stimulator

- Stimulates Fertilizer & Micronutrient Uptake
- Contains a Natural Sticker / Spreader
- Improves Nutrient Release & Water Holding Capacity
- Improves Cation Exchange Capacity in Soil
- A Food Source for Beneficial Soil Microbes
- Improves Root Development & Seed Germination
- Contains a Natural Wetting Agent

Essential Plus is a 100% natural organic product derived from potassium Humate, 20 natural L-amino acids, enzymes, simple & complex sugars, vitamins, kelp extracts, carbohydrates, cellulose, lignin, hydrolyzed organic proteins and a natural wetting agent. Each ingredient has been selected to provide a rich source of organic building blocks not found in typical nitrogen-phosphorus-potassium (NPK) fertilizers. Essential Plus provides a safe alternative to chemical hormones. It is ideal for use from plug production to ensure seed germination and good rooting. When used at the time of plug transplant to the field, Essential Plus will help eliminate transplant shock and provide better establishment.

ITEM NO.	QTY / WEIGHT	PRICE
TGP1011	1 QT	$14.38
TGP10125	2.5 GAL	$152.76

Iron Max AC 6% 15-0-0

With 2% Chelated Manganese & 3.5% Sulfur

- Promotes Rapid Green-Up
- Compatible with Technical Materials
- 100% Chelated Iron & Manganese
- Four Essential Nutrients
- Excellent for Palms
- Ideal for High pH Situations

Iron Max 6% is a chelated iron and manganese chelated product that promotes fast green up. Iron Max 6% plus 2% Manganese is important for good green color, (chlorophyll synthesis) and for photosynthesis. Iron Max 6% is 100% chelated. It is a clear solution that will not settle. Iron Max 6% provides the plant with immediately available iron/ manganese along with nitrogen for correction of iron chlorosis. Iron Max 6% is amine compatible and can be used with insecticides, herbicides and fungicides. Iron Max 6% can be used for regular plant maintenance to enhance rich green color and promote strong root systems to withstand stress conditions. It is ideal to correct chlorosis in pin oaks, pines and magnolias.

ITEM NO.	QTY / WEIGHT	PRICE
TGP1500	2.5 GAL	$22.33

Nitro-30® SRN 30-0-0

With 85% Slow Release Nitrogen

- Safe, low salt index 2-4
- Environmentally Friendly - Reduced Leaching
- No Nitrates - Less Ground Applied N
- Corrects Nitrogen Deficiences
- Source for Minor Element Induction
- Contains 85% Smart Nitrogen

Nitro-30 liquid slow release nitrogen is a unique fertilizer technology that provides your crops with a steady, reliable and safe feed of nitrogen. As a foliar feed, it is absorbed into the leaf cuticle and reserved there. The nitrogen is steadily released and is absorbed through the stomatal openings as the plant requires it. This avoids unwanted rapid growth spurts. Studies show that Nitro-30 has reduced nitrogen leaching and volatilization by up to 75%, so that the amount of soil applied nitrogen can be reduced, while improving crop yield. Nitro-30 will provide up to a twelve week nitrogen release, saving you the time and labor of repeated fertilizer applications. Field studies in Europe and the US have confirmed that foliar (leaf) application of Nitro-30 quickly corrects nitrogen deficiencies and that nitrogen rates can be reduced to less than 1/2 of soil applied rates. Nitro-30 has the lowest salt index of all nitrogen fertilizers (salt index of 2), significantly reducing burn potential that often results from quick-release nitrogen, high salt index fertilizers. It can also be used as a chemical sticker to enhance pesticide uptake.

ITEM NO.	QTY / WEIGHT	PRICE
TGP30002.5	2.5 GAL	$35.29

Nitro®+K 22-0-16

With 82% Smart Nitrogen Plus Potassium Carbonate

- No Nitrates - Environmentally Friendly
- Low Salt Index - No Burn
- Potassium Carbonate for added K
- Induced Potassium Uptake
- Stress Reduction
- Provides Extended Feeding

Nitro+K (22-0-16) is a crystal clear liquid nitrogen / potassium solution that can be applied by ground or by air. Because of the sticker benefit of the slow release nitrogen, there is improved K uptake. Nitro+K does not contain any chlorides or sulfates. The low salt formulation was developed to supplement standard soil fertility practices as a foliar feed on crops. Because Nitro+K can be used as a foliar applied nitrogen / potassium source the amount of soil applied nitrogen can be reduced, thus decreasing losses from leaching and volatilization. Each gallon of Nitro+K contains 2.66 lbs. nitrogen and 1.9 lbs. potassium. Nitro+K can also be used as a sticker to enhance chemical pesticide uptake.

ITEM NO.	QTY / WEIGHT	PRICE
TGP220162.5	2.5 GAL	$46.66

MicroTech AG 4-0-0

Chelated Micronutrients 4% Mn, 4% ZN, .5% Fe, 0.16% B

- For Citrus, Fruit Trees, Small Fruits and Vegetables
- Contains North Atlantic Sea Kelp
- Auxins and Cytokinins
- A Natural Source of Humic Acid
- Produce Stronger and Healthier Plants
- Contains Nitrogen for Increased Minor Uptake

MicroTech AG contains both Seaweed extract and Humic Acid that are known to enhance plant hardness, and resistance to environmental conditions and increase nutrient uptake. Citrus and tomatoes sprayed with Seaweed extract are known to have reduced damage from early frost, and able to withstand extreme heat and drought conditions. Humic acid is known to quicken the absorption and uptake of minor elements while providing the biostimulant effects. MicroTech AG contains 4% nitrogen to aide in absorption of the product. When using MicroTech there is no need to add other nitrogen sources to assist in micronutrient uptake. Apply MicroTech AG as a foliar spray or through fertigation systems to correct micronutrient deficiencies.

ITEM NO.	QTY / WEIGHT	PRICE
TGP4002.5	2.5 GAL	$40.31

Recover RX 3-18-18

RX Foliar Formulation with Calicylic Acid and a Unique Blend of Phosphorus Sources

- Contains 100% Soluble Salicylic Acid
- Boosts the Plants Natural Defenses
- Helps bring Trees out of Stress & Decline
- Increase Fruit Set and Fruit Size
- Helps Plant Rejuvenate from Damage
- Important for Plan Growth & Development

Recover RX 3-18-18 is a highly soluble foliar, low salt index formulation developed to supplement standard soil fertility practice. It also provides a full 8 oz of Salicylic Acid in every gallon. Recover RX is designed to be used in concert with soil and tissue tests and professional recommendations to manage the nutrient levels and nutrient balance.

ITEM NO.	QTY / WEIGHT	PRICE
TGP318182.5	2.5 GAL	$45.00

Cal-Tec 9% 6-0-0

Calcium Glucoheptonate with 9% Chelated Calcium

- 100% Chelated Calcium
- Quickly Corrects Calcium Deficiences
- Soluble & Ready for Immediate Uptake
- Use to Raise pH Levels

Calcium Chelate 9% is fully chelated micronutrient for the correction of calcium deficiency in field crops, fruit trees and greenhouse crops. This convenient clear liquid is recommended for foliar spray or soil applications and provides calcium in a soluble, readily available form for plant uptake. Calcium can correct minor deficiencies or can be used in a regular growing program where crops and soils are known to be deficient. It is important to treat calcium deficiency before the symptoms become visual to insure proper crop yield. Rates of Calcium will vary depending upon the severity of the deficiency, climate, soil conditions and method of application. Soil analysis can determine pH and available calcium. It is compatible and can be used with most fertilizers and technical materials. Calcium promotes early root formation and growth, improves plant vigor and fruit integrity and helps control cork spot and bitter pit on apples and pears. Calcium influences the uptake of other nutrients, encourages grain and seed production. Use in hot weather to reduce heat stress.

ITEM NO.	QTY / WEIGHT	PRICE
TGP6002.5	2.5 GAL	$37.73

BioNutrients™ Soluble AG 8-1-9

WSDA Approved for Organic Agriculture

- Approved for use in organic production
- Populates the Soil with 5 growth promoting Rhizospere Bacteria (PGPR)
- Solublilizes Minerals & Cycles Nutrients
- Occupies Root Surface Area protecting roots
- Improves Poor Soil Conditions

BioNutrients is a unique, dry, 100% organic microbial inoculant and soil conditioner registered with WSDA for use organic crop production. It is a highly concentrated and soluble blend of plant growth-promoting (PGPR) rhizosphere bacteria. These (PGPR) species, B. subtilis GB03, B. subtilis, B. amyloliquefaciens, B. licheniformis and Bacillus pumilus), together produce an effective variety of enzymes that solubilize minerals and contribute to nutrient cycling. They exert a strong effect on plant health. BioNutrients also contains a natural wetting agent, kelp and natural L-amino acids along with fortified natural carriers, that add rich organic material to soils and are a food source for the bacteria.

ITEM NO.	QTY / WEIGHT	PRICE
TGP819AG	8 OZ	$8.10

Bloomtastic Starter Plus 8-32-5

Flowering Finisher, Plant Starter & Root Developer with Release Methylene Nitrogen pluc Micros

- No Chlorides
- Safe for Seedlings & Young Plants
- Slow Release Nitrogen
- Stimulates Abundant Blooms
- Complete Micro Package
- Safe - Low Salt Index

8-32-5 is perfect as a high phosphorus plant starter. 8-32-5 is excellent for seedlings, young plants and overseeding. The solution contains 4% Time-Released nitrogen from our exclusive methylene urea. The Time-Released nitrogen helps to feed young plants consistently, avoiding flush growth which can be detrimental and contribute to disease susceptibility. Methylene urea is known to be a very consistent and reliable nitrogen source that remains present and available to your plants for a longer period of time. Methylene urea is not easily broken down, and its nitrogen will only be released by a combination of factors (heat, humidity, and microbial activity). The phosphorus and potassium are completely soluble and therefore immediately available for plant uptake. You can use less 8-32-5 than granular high phosphorus products since there is no need to wait for particle breakdown. 8-32-5 contains no chlorides, therefore making it safer to tender plants

All T-Growth Products available in 30 gal, 55 gal, and 275 gal. totes

ITEM NO.	QTY / WEIGHT	PRICE
TGP83252.5	2.5 GAL	$47.41

Zinc Chelate 8%

A 100% Chelated Zinc Solution

- Builds Growth Regulators
- Activates Enzymes in Protein Synthesis and Grain Formation
- Necessary for Starch Formation
- Essential for Seed Formation & Maturity

Growth Products Zinc Chelate 8% is a 100% zinc chelate that maintains the zinc in a soluble form for immediate uptake by plants, trees or crops either through foliar spray or root application. Zinc Chelate will correct deficiencies on many row crops, vegetables, and ornamental plants growing in soils with very low organic matter, and in soils of varying pH ranges. Crops with high zinc requirements include corn, onions and spinach. Those with medium zinc requirements are barley, beans, beet, canola, cucumber, lettuce, lupine, potato, radish soybean, tobacco and tomato.

ITEM NO.	QTY / WEIGHT	PRICE
TGPZINC8	2.5 GAL	$32.85

0-0-25 Liquid Potassium

The Purest Form of Potassium and for adjusting pH

- Excellent For Raising pH
- Low Phytotoxicity
- Raises pH to Correct Iron Toxicity on Geranium
- Quickly Corrects K Deficiency
- Easily Absorbed Through Leaf Tissue
- No Chlorides, No Salts

0-0-25 is a crystal clear concentrate solution containing a very safe and reliable source of potassium from potassium carbonate. Each gallon of 0-0-25 contains 2.9 lbs. of potassium. It does not contain any chlorides and has the lowest salt index of any potassium source. Potassium deficiencies can be quickly corrected for both greenhouse and nursery crops. It is extremely efficient as a foliar feed to correct potassium deficiencies. Because of 0-0-25's low salt index, the volume of irrigation water can be reduced during the application to avoid over saturation of soil. For newly planted plants, 0-0-25 can be applied as soon as the seeds have emerged.

ITEM NO.	QTY / WEIGHT	PRICE
TGP00252.5	2.5 GAL	$38.16

"TKO" Phosphite 0-29-26

100% Phosphite

- For Citrus, Fruit Trees, Small Fruits, Vegetables
- Strengthens Plants Immune System
- Highly Systemic Via Xylem and Phloem
- Quickly Absorbed by Leaves, Roots & Branches
- Growth-Stimulating Effects
- Neutral pH

TKO Phosphite™ 0-29-26 is a highly concentrated P/K nutrient solution containing mono- and di-potassium salts of phosphorus acid. This clear solution is rapidly absorbed into the plant tissue through leaves or roots, quickly correcting deficiency, improving plant growth and vigor. Phosphite nutrients are known to improve crop yield and fruit quality. Phosphorus is second only in importance to nitrogen and is known to play a key role in photosynthesis, respiration, energy storage, enzyme and protein formation and root development. TKO Phosphite can be used as a foliar spray and/or soil application. It can be applied through irrigation water.

ITEM NO.	QTY / WEIGHT	PRICE
TGP029262.5	2.5 GAL	$52.81

NEW • MustGrow 5-1-1 Fumigant

MustGrow™ 5-1-1 Fertilizer

MustGrow™ is intended for use as a part of an Integrated Pest Management (IPM) system.

MustGrow™ is a dry granular applied directly to soil for the control of plant parasitic nematodes including root-knot, lance, sting, lesion, ring and stubby root nematodes, and soil borne disieases including Rhizoctonia solani, Aspergillus, Fusarium, Pythium, Sclerotinia, Phytophthora and Verticillium.

ITEM NO.	QTY / WEIGHT	PRICE
MUSTGROW	1 LB	$1.73

Insecticides

We are pleased to bring you a wide selection of effective and excellent options of insect control agents. Please refer to the chart on pages 58-59 to see what product effectively deals with which pests.

ITEM NO.	DESCRIPTION	PRICE
INSAT	ATTAIN TR 2 OZ	$17.00
INSAV	AVID 8OZ	$108.00
INSAB	ABECMECTIN (QUALIPRO) 1QT	$238.00
INSAZ	AZATIN XL 3% 1QT	$130.63
INSCO	CONSERVE SC 1QT	$163.90
INSDE	DECATHLON 20SP .5LB	$73.00
INSEN	ENDEAVOR 15OZ	$171.00
INSFL	FLORAMITE SC 1 QT	$308.22
INSMA	MARATHON 1% G 5LB	$62.74
INSMAR	MARATHON II 250 ML	$116.65
INSOR	1300 ORTHENE TR 6 OZ	$20.44
INSPR	PRECLUDE TR 2 OZ	$18.61
INSPY	1100 PYRETHUM TR 2OZ	$16.23
INSPYL	PYLON 1 PINT	$460.00
INSSA	SAFARI 3LB	$356.66
INSXC	1600 XCLUDE 20 OZ	$12.00
INSADE	ADEPT INSECTICIDE	$140.50
INSJU	JUDO INSECTICIDE	$358.00

NEW • No Fly Insecticide

A natural fungal predator of insect pests

- Biological pesticide
- Attacks all life stages (egg to adult)
- Minimal residue issues
- Ideal for integrated pest management
- Safe for most beneficial insects
- 6-month shelf life when refrigerated
- OMRI Listed

ITEM NO.	QTY / WEIGHT	PRICE
INSNFL	2 LB	$96.65

NEW • SuffOil-X®

SuffOil-X® used alone, or in combination with other products is a highly effective control for a broad range of insects, mites and fungi - including powdery mildew. SuffOil-X's mode of action is primarily through the suffocation of eggs, larvae, nymphs and adults of soft bodied insects. Additionally, it does not allow fungal mycelia to attach to the leaf and interferes with the transmission of plant virus by insect transmission.

ITEM NO.	QTY / WEIGHT	PRICE
INSSUFX	2.5 GAL	$45.86

Fungicides

We are pleased to bring you a wide selection of effective and excellent options of fungus control. Please refer to the chart on page 61 to see what product effectively deals with which fungus.

NEW • Clevis

Clevis is a pre-mixed formulation of myclobutanil, the active ingredient in Eagle® specialty fungicide, combined with mancozeb, the active ingredient in Dithane® specialty fungicide. Test results demonstrate that Clevis provides very good to excellent preventative and curative results on a wide range of diseases, often exceeding what one would expect from the combination of these two widely used fungicides. Clevis provides control of key turf diseases including Brown Patch, Dollar Spot, Summer Patch, and Rust. Clevis is also labeled for Scab, Powdery Mildew, Rust and 17 other ornamental diseases

ITEM NO.	QTY / WEIGHT	PRICE
FUNCL	2 LB	$29.56

NEW • Actinovate AG

Actinovate AG colonizes the root system and protects it from harmful fungi. When used as a foliar spray, Actinovate AG effectively suppresses/controls foliar diseases such as Powdery and Downy Mildew, Botrytis, Monilinia, Anthracnose, Greasy Spot, Sclerotinia,and Alternaria.

ITEM NO.	QTY / WEIGHT	PRICE
FUNACTAG	18 OZ	$78.25

Fungicides continued on page 60

INSECT \ PRODUCT	Acephate	Adept	Akari SC	Aria	Astro	Attain TR	Avid	Azatin	Beethoven TR	Benefit 60WP	BotaniGard 22WP	BotaniGard ES	Citation	Conserve	Deadline	Decathlon	Dimilin 25W	DiPel	Discus	Distance	Dormant Oil	Duraguard ME	Duraplex TR	Dursban	Endeavor	Enstar AQ	Flagship 25WG	Flagship G	Floramite SC	Gnatrol WDG	Hachi-Hachi	Hexygon	Judo	Kontos
Ants	X				X														X			X												
Aphids	X			X	X	X	X	X		X	X	X				X			X	X	X	X	X	X	X	X	X	X			X			X
Armyworms	X	X			X	X		X						X		X	X	X	X					X										
Bagworms	X				X	X		X						X		X	X	X	X					X										
Beetles	X				X			X		X	X	X				X			X			X		X			X	X						
Borers																			X					X										
Cankerworms	X				X			X								X	X	X	X					X										
Caterpillars	X				X	X		X						X		X	X	X	X			X	X											
Chafer									X		X											X						X						
Fungus Gnats		X			X	X		X		X			X			X			X	X		X	X			X	X			X				
Grasshoppers	X															X			X					X										
Lacebug					X					X						X			X					X			X							
Leafhoppers	X			X	X			X		X	X					X			X			X		X			X				X			X
Leafminers		X			X		X	X		X			X	X			X		X	X		X												
Leafrollers	X				X	X		X						X		X		X																
Loopers						X								X			X	X																
Mealybugs	X		X	X	X	X		X		X	X	X				X			X	X		X	X	X		X	X	X						X
Mites			X			X	X		X					X		X			X		X	X	X	X				X			X	X	X	X
Plant Bug				X	X	X					X	X				X			X			X		X			X							
Sawflies	X				X			X		X				X		X	X		X								X							
Scale	X			X		X				X						X			X	X	X	X	X	X		X	X				X			
Shore Flies		X											X							X		X	X											
Slugs & Snails															X				X															
Spittle Bugs																X			X					X										
Thrips	X			X	X	X	X	X		X	X	X		X		X			X			X	X	X		X					X			
Webworms	X				X									X		X	X	X	X					X										
Whiteflies	X	X		X	X	X	X	X	X	X	X	X				X	X		X	X			X	X	X	X	X	X			X		X	X

Lucid	M-Pede	Mallet	Mantra 1G	Marathon 1G	Marathon 60WP	Marathon II	Mavrik Aquaflow	Mesurol 75WP	Molt-X	Nemasys	Ornazin	Orthene TR	Ovation	Overture	Pedestal	Preclude TR	Pylon	Pyreth-It	Pyrethrum TR	Safari	Sanmite	Scimitar GC	Sevin SL	Shuttle O	Sirocco	Sluggo	Talstar Professional	Talus	Tame 2.4EC	Tame/Orthene TR	TetraSan	Triact	Tristar	Ultra-Pure Oil	UP-Star SC	X-Clude Formula 2	Zenith .5G
	X						X											X	X			X	X				X								X	X	
X	X	X	X	X	X	X	X	X	X		X	X				X		X	X	X		X	X		X		X		X	X		X	X	X	X	
							X							X	X			X				X	X				X		X						X		
																						X	X				X								X		
	X	X	X	X	X	X	X		X		X							X	X	X		X	X				X		X				X	X	X	X	X
		X							X		X									X			X				X								X		
												X										X								X							
							X		X		X	X		X		X	X	X				X	X				X								X	X	
		X		X	X	X													X																		X
			X	X	X	X				X	X	X					X		X	X							X						X	X	X	X	
	X	X	X	X	X	X						X								X			X				X		X	X				X			
X		X	X	X	X	X			X		X	X			X	X				X		X	X		X		X		X	X			X	X	X		
												X						X				X	X				X										
												X		X			X	X					X														
	X	X	X	X	X	X	X		X		X	X				X			X	X		X					X		X	X			X	X	X	
X	X						X	X				X	X			X	X		X		X		X	X	X				X	X	X	X		X	X	X	
	X																		X			X	X										X	X	X	X	
	X	X			X	X			X																								X				
								X											X				X			X											
									X		X											X	X														
X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X		X		X		X	X			X	X		
												X		X				X				X	X				X			X				X	X		
X	X	X	X	X	X	X	X		X		X	X			X	X		X	X	X		X	X		X		X	X	X	X		X	X	X	X	

Greenshield

Disinfect work areas, benches, pots, buckets and cutting tools. Green- Shield ® also provides residual control while the treated surfaces stay wet without bleach's odor, irritation and volatility. Green-Shield disinfectant and alegicide is an ideal biodegradable solution for greenhouse and nursery growers. Use 1 tablespoon per gallon of water for disinfecting work areas and containers. Use 1 teaspoon per quart of water for disinfecting tools. Green-Shield is EPA-registered for broad-spectrum control of pathogens and algae on greenhouse glass, walkways, evaporative coolers and decorative pools and ponds. Dilution rates as an algicide vary depending on application. Won't damage clothes. 1 gallon container. USA made.

ITEM NO.	QTY / WEIGHT	PRICE
GGS2000	1GAL	$37.00

Fungicides

ITEM NO.	DESCRIPTION	PRICE
FUNACTIRON	ACTINO IRON / 50LB	$78.00
FUNACTSP	ACTINOVATE SP / 18OZ.	$78.00
FUNBA	BANROT 40% WP 2 LB	$72.43
FUNCE	CEASE 1 GAL	$56.50
FUNGEX	EXOTHERM TERMIL	$4.68
FUNEA	EAGLE 20EW	$45.50
FUNGME	MEDALLION 50 WSB / 8OZ	$189.64
FUNGPY	PYTHON 27 21.36" / 1LT	$110.00
FUNGSU	SUBDUE MAXX / 1QT	$187.50
FUNGTR	TRUBAN 30 WP / 2 LB	$68.00
FUNGTRL	TRUBAN 25EC / 1QT	$68.92
FUNGCL	OHP 6672 (CLEARYS 3336F) 50WP	$25.36

NEW • AquaGrow

Aquatrols Aqua-Gro® L with PsiMatric® Technology

For just fractions of a penny per pot, AquaGro L helps you keep production costs in check by making your water more efficient. When used throughout the production cycle, it promotes the uniform distribution of water, as well as fertilizers, insecticides and fungicides in the rootzone. You'll get better overall performance from these applications, and reduce the loss of costly inputs caused by run-off and leaching.

AquaGro L can save you more than just the cost of wasted product. With less need for handwatering and fewer "trouble spots" to manage, you'll be able to reduce labor costs associated with hand watering and re-application. AquaGro L makes it easier and more efficient to produce a uniform, quality crop.

ITEM NO.	DESCRIPTION	PRICE
AQUGR1	1GAL	$79.75

Sulfuric Acid 93% tech

An acid to reduce the PH in your water. Call for a quote on 50 Gal. Drums

ITEM NO.	QTY / WEIGHT	PRICE
SUA1	1GAL	$17.50

Epsom Salt

Epsom Salt raises sugar content in fruits. Also used to green up plants.

ITEM NO.	QTY / WEIGHT	PRICE
ES50	55LB	$17.50

CAPSIL

ITEM NO.	QTY / WEIGHT	PRICE
CAPSIL	1GAL	$84.10

PURSH

ITEM NO.	QTY / WEIGHT	PRICE
PURSH	PUR SHADE 2.5 GAL	$54.00

KRLS Liquid shade covering

ITEM NO.	DESCRIPTION	PRICE
KRLS	1 GAL	$24.95

Growth Regulators

ITEM NO.	DESCRIPTION	PRICE
GRBNINE	B-NINE WSG 85% 1 LB	$96.66
GRCYC	CYCOCEL 11.8% 1Q	$86.00
GRFLO	FLOREL 1QT	$23.00
GRFLOR	FLOREL 1GAL.	$54.00
GRPIC	PICCOLO (BONZI) 1QT	$96.72
GRPICG	PICCOLO (BONZI) 1 QGAL	$225.07

Fungicide Reference Chart

DISEASE \ PRODUCT	Actino-Iron	Actinovate SP	Adorn	Agri-Mycin 17	Aliette WDG	Alude	Banner Maxx II	Banol	Banrot	Camelot O	CEASE	Chipco 26GT	Chipco 26019 N/G	Cleary 3336	Compass O	CuPRO	Daconil	Decree	Disarm O	Eagle 20EW	Exotherm Temil	Fathom	FenStop	Fungaflor TR	Heritage	Hurricane	IPRO 2SE	Mainsail	Medallion 50WP	Mefenoxam	Micora	MilStop	Mozart TR	OHP 6672	Pageant Intrinsic	Phyton 27	Pipron	Protect DF	RootShield	Segway	Spectro WDG	Stature SC	Strike 50WDG	Subdue Maxx	SuffOil-X	Terraguard SC	Terrazole	Truban	Veranda O	X-3	ZeroTol	Zyban
Altemaria		X					X				X	X	X		X	X	X		X		X	X		X	X		X	X			X	X					X						X			X		X	
Anthracnose							X			X	X			X	X	X	X		X	X	X	X			X			X			X		X	X	X			X							X			X		X	X
Bacterial Blight				X		X				X	X					X																				X													X	X	
Black Spot						X	X				X			X	X		X			X	X	X			X			X				X		X		X		X						X						X
Blights					X	X	X				X	X	X	X		X	X		X	X	X	X			X		X	X				X		X	X	X		X			X		X			X		X	X
Botrytis		X								X	X	X	X	X	X	X	X	X			X			X			X	X				X	X	X	X	X		X			X					X			X	
Cylindrocla-dium													X	X	X		X				X					X	X	X	X					X	X	X		X	X							X				
Damping Off			X												X																					X											X	X				
Diplodia							X							X						X		X			X									X		X																
Downy Mildew		X	X		X	X				X	X					X			X				X	X	X					X	X	X	X		X	X		X		X	X	X		X				X			X
Fire Blight				X	X					X																										X																
Fusarium	X	X					X		X		X	X	X	X					X	X		X				X	X		X					X	X			X	X		X					X				X		
Leaf Spot							X			X	X	X	X	X	X	X	X		X	X	X	X			X		X	X				X		X	X			X			X		X			X						X
Phomopsis							X							X								X			X							X		X	X																	
Phytophthora	X	X	X		X	X		X	X		X					X	X		X		X		X			X		X	X	X	X				X	X			X	X	X		X			X	X		X	X	
Powdery Mildew		X					X			X	X			X	X	X	X		X	X	X	X		X	X			X				X	X	X	X	X	X			X		X		X	X			X			X
Phythium	X	X	X		X	X		X	X		X				X								X			X			X	X					X				X	X			X			X	X		X	X	
Rhizoctonia	X	X							X	X	X	X	X		X				X							X	X		X						X	X		X	X		X					X			X	X	X	
Rust							X				X			X	X		X		X	X	X	X		X	X			X				X	X	X	X	X		X			X		X		X	X					X
Scab						X	X				X			X	X		X			X	X	X			X			X				X		X	X	X		X								X			X		X
Sclerotinia														X					X							X			X					X	X						X											
Thielaviopsis									X					X												X			X					X					X								X			X			
Xanthomonas				X		X					X					X																			X																		

Sprinklers

This medium volume sprinkler gun is suitable for use in general field irrigation on solid set travelers, center pivots, etc. Changing from part circle to full circle operation is easy by adjusting trip stops. Komet #163 shows good performance on windy conditions. We also carry some common parts for the Komet gun.

ITEM NO.		PRICE
KOM163		$180.00
NOZZLES		$2.50
GSO154	LEG STAND	$92.00

Komet #163

4 Leg Stand for Komet Gun

Nozzle PSI	31	39	47	55	63
	8mm	10mm	12mm	14mm	16mm
	GPM/DIA	GPM/DIA	GPM/DIA	GPM/DIA	GPM/DIA
40	26/141	35/154	47/167	61/175	77/182
50	29/151	39/165	53/179	68/188	86/187
60	32/159	43/177	58/190	75/200	94/210
70	34/155	46/185	62/198	81/205	101/218
80	36/73	50/193	67/208	87/216	109/224

Mini Wobbler

Senninger Irrigation Inc.

	Nozzle Pressure (psi)				
	20	25	30	35	40
#4 Nozzle - Light Blue 1/16"					
Flow (gpm)	.50	.56	.62	.68	.72
Diameter at 1.5' height	28.0	29.2	30.0	30.4	30.8
#5 Nozzle - Beige 5/64"					
Flow (gpm)	.75	.84	.91	.99	1.06
Diameter at 1.5' height	33.6	34.8	35.6	36.0	36.4
#6 Nozzle - Gold 3/32"					
Flow (gpm)	1.10	1.25	1.36	1.47	1.58
Diameter at 1.5' height	36.0	36.8	37.2	37.6	38.0
#7 Nozzle - Lime 7/64"					
Flow (gpm)	1.51	1.69	1.86	2.01	2.14
Diameter at 1.5' height	37.6	38.4	38.8	39.0	39.2
#8 Nozzle - Lavender 1/8"					
Flow (gpm)	1.95	2.18	2.39	2.61	2.78
Diameter at 1.5' height	38.4	38.8	39.2	39.4	39.6

ITEM NO.	PRICE
SENWOMI05	$3.75
SENWOMI06	$3.75
SENWOMI07	$3.75
SENWOMI08	$3.75
ADDITIONAL NOZZLES	$0.50

Wobbler

low angle

standard angle

PSI	GOLD #6 3/32"		LAVENDER #8 1/8"		TEAL #310 5/32"		RED #12 /16"		BLUE #14 7/32"		ORANGE #16 ¼"	
	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA
10	.77	37.5	1.44	41.0	2.26	42.8	3.23	44.2	4.34	45.4	5.61	46.2
20	1.08	45.7	2.02	48.2	3.18	49.4	4.54	50.4	6.11	51.2	7.88	51.9
30	1.31	46.2	2.48	48.8	3.90	50.3	5.55	51.4	7.46	52.2	9.63	52.8
40	1.50	46.4	2.82	49.2	4.45	50.8	5.85	51.8	8.53	52.6	11.01	53.2

The Wobbler, first introduced in 1980, uses Senninger's off-center rotary-action technology, which provides extremely uniform coverage over a large diameter at low-pressures. It produces droplets that resist wind-drift and are applied in a gentle rain-like pattern. The Wobbler is constructed entirely of engineering grade thermoplastics for excellent corrosion resistance and is extremely durable due to having only one moving part.

ITEM NO.	PRICE
WOB	$7.50EA
ADDITIONAL NOZZLES	$0.50EA

Senninger 4123

Senninger's Part-Circle sprinklers are designed specifically for use where a directional impact sprinkler is required. Engineered to deliver maximum efficiency at low to moderate flow rates for agriculture, nursery, effluent disposal, dust suppression, and industrial applications. Reach diameter based on 1.5 height.

Features

- Distributes water in a 60° - 360° adjustable pattern in 5° increments, no tools needed
- Easily convertible to full-circle operation
- Covered reversing mechanism
- Wide range of nozzle and vane combinations for excellent distribution at all pressures
- Inlet size: 3/4" M NPT
- Flow range: 2.42 to 16.10 gpm (550 to 3657 L/hr)

Nozzle PSI	#8	#9	#10
	1/8"	9/64"	5/32"
	GPM/DIA	GPM/DIA	GPM/DIA
30	2.42/38	3.08/40	3.82/41
35	2.62/39	3.33/41	4.13/43
40	2.79/40	3.56/42	4.41/44
45	2.97/41	3.78/43	4.68/45
50	3.28/42	3.98/43	4.93/46

ITEM NO.	DESCRIPTION	PRICE
SEN4123PC	3/4" PARTIAL CIRCLE IMPACT	$26.15

Senninger 5023-2

The 50 Series full-circle impacts handle the highest flow rates for Senninger's 3/4" sprinklers. The chart below shows the GPM/DIA with the #8 spreader nozzle attached to the standard nozzles. Reach diameter is based on a 1.5 ft height.

Nozzle PSI	#13 x #8	#14 x #8	#15 x #8	#16 x #8	#17 x #8	#18 x #8
	13/64"	7/32"	15/64"	1/4"	17/64"	9/32"
	GPM/DIA	GPM/DIA	GPM/DIA	GPM/DIA	GPM/DIA	GPM/DIA
30	8.23/99	9.35/94	10.3/96	11.5/98	12.5/99	13.7/100
35	8.88/95	10.1/98	11.2/100	12.4/102	13.5/104	14.8/105
40	9.5/98	10.8/101	11.9/103	13.3/105	14.4/107	15.8/109
45	10.1/100	11.5/103	12.7/106	14.1/108	15.3/110	16.7/112
50	10.6/102	12.1/105	13.4/107	14.8/109	16.1/111	17.6/113
55	11.1/103	12.7/106	14.0/108	15.5/110	16.9/112	18.5/114
60	11.6/104	13.2/107	14.6/109	16.2/111	17.7/122	19.3/115

ITEM NO.	DESCRIPTION	PRICE
SEN5023-2	3/4" FULL CIRCLE	$16.83

Upright Mister

Designed for propagation or low volume misting applications!

Features

- Outstanding uniformity
- Bridge-less design for uninterrupted
- 360° pattern
- Easy to clean nozzle and optional check valve, quick twist tool-free disassembly
- Multiple connection options to retrofit existing systems
- Color-coded nozzles
- Engineering-grade UV-resistant thermoplastic construction

ITEM NO.	PRICE
SENMU08	$1.18
SENMU12	$1.18
SENMU16	$1.18
SENMU20	$1.18

Upright Recommended Spacing at 12 in. above crop

Pressure	30-50 psi
Red - MR08	6.8 - 8.6 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3.5 ft
Orange - MR12	10.8 - 14.0 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft
Yellow - MR16	14.1 - 18.3 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft
Green - MR20	17.8 - 23.4 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft

Inverted Mister

Senninger Irrigation Inc.

The patented Senninger Mister's innovative built-in check valve design prevents damage to plant material below due to drainage immediately following each irrigation session. It also helps to assure water conservation and consistent system start-up delivering an instantaneous, highly uniform distribution ideal for short-cycle applications.

Features

- Outstanding uniformity
- Bridge-less design for uninterrupted 360° pattern
- Easy to clean nozzle and optional check valve, quick twist tool-free disassembly
- Multiple connection options to retrofit existing systems
- Color-coded nozzles
- Engineering-grade UV-resistant thermoplastic construction

Pressure	30-50 psi
Light Blue - MRI08	7.5 - 9.7 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3.5 ft
Blue - MRI12	12.5 - 16.2 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft
Purple - MRI16	15.9 - 20.5 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft
Black - MRI20	17.8 - 23.4 gph
Head Spacing	2 - 4 ft
Lateral Spacing	2 - 4 ft
Single Row Spacing	2 - 3 ft

ITEM NO.	PRICE
SENMI08	$1.77
SENMI12	$1.77
SENMI16	$1.77
SENMI20	$1.77

High Angle Smooth Drive Sprinkler

Senninger's new Smooth Drive's unique walking diffuser helps deliver an extremely uniform pattern, without distortion from bracket legs.

Features

- Low Angle (LA) model is ideal for undertree
- High Angle (HA) model for open field
- Walking diffuser - for outstanding uniformity, no bracket-leg shadow and gentle application
- Precision-contoured deflector - provides greater throw and enhanced distribution
- Advanced braking mechanism - for smooth, consistent rotation speed and minimal riser stress
- Rugged design - stands up in harsh field conditions

Nozzle PSI	#6 3/32" GPM/DIA	#7 7/64" GPM/DIA	#8 1/8" GPM/DIA
25	1.22/62	1.68/63	2.21/65
30	1.34/65	1.84/67	2.42/68
35	1.45/67	1.99/68	2.62/69
40	1.55/68	2.12/69	2.79/71

ITEM NO.	DESCRIPTION	PRICE
SENSD5	HIGH ANGLE SMOOTH DRIVE SPRNKLER	$7.95

All T Sprays

The Senninger T-Spray delivers a fine spray - ideal for delicate stock. It can be mounted upright or inverted and is also available in a high angle model for upright installations only.

Features

- 360º Spray nozzle.
- No moving parts for longer life
- High-angle upright T-stem provides larger diameter of coverage
- Color-coded stems for easy size identification

Nozzle PSI	#6 3/32" GPM/DIA	#7 7/64" GPM/DIA	#8 1/8" GPM/DIA
15	.98/15.5	1.34/17	1.73/18.0
20	1.14/17	1.56/18.5	2.01/19.5
25	1.27/18	1.73/19.5	2.23/20.5
30	1.40/19	1.90/20.5	2.45/21.0

ITEM NO.	PRICE
SENTS07	$1.94
SENTS06	$1.94
SENTS08	$1.94

Drain Stop Plus

Senninger's new Drain Stop Plus is specifically designed for overhead irrigation to help protect plants beneath applicators from damage and over-watering. The Drain Stop Plus also allows lines to remain full to help expedite system start-up time and maximize initial zone coverage.

Features

- Unique 3-mode design – open, check, and closed
- Easy clean feature – device and applicator remain in place, a simple twist releases bonnet for debris removal
- Connection: 1/2" M NPT inlet x 1/2" F NPT outlet
- High-impact engineering-grade thermoplastic construction for durability
- Flow: 0.25 to 5 gpm (1 to 19 L/m)
- Low friction loss – less than 4.25 psi total loss through device at 5 gpm (0.29 bar at 19 L/m)
- Minimum opening pressure: 13.5 psi (0.93 bar)
- Minimum closing pressure: 3.5 psi (0.24 bar)
- Maximum operating pressure: 50 psi (3.45 bar)
- Two-year warranty on materials, workmanship and performance

ITEM NO.	PRICE
SENDRNSTOP	$4.96

Pressure Regulators

Pressure regulators are recommended for all drip irrigation systems. If no pressure regulators are used high pressure surges or high pressure operation can cause damage to drip tape. Regulators should be installed close to the field being irrigated. The regulators have springs to maintain a constant pressure. These springs can be changed to change the pressure. NOTE: Flow rate on all regulators must be matched to your drip irrigation system or field size. These pressure regulators are flow activated, water must be flowing through to make them work.

PRO71

ITEM NO.	DESCRIPTION			PRICE
PR071	FHTXMH5	3/4"	0.1-8	$7.90

PRO720

ITEM NO.	DESCRIPTION			PRICE
PR0720	FPT	3/4"	0.1-8	$8.90

PRO1015

ITEM NO.	DESCRIPTION			PRICE
PR1015	FPT	1"	2-20	$10.50

PRO315

ITEM NO.	DESCRIPTION	PRICE
PR315	15PSI	$81.00
PR320	20PSI	$81.00

PR1515

Netafim Regulator

ITEM NO.	DESCRIPTION			PRICE
PR1515	MPT	1.5"	7-35	$28.50

V-Rain Sprinkler

Full circle standard trajectory angle for maximum throw. Built from brass construction, excellent for many types of fields. Common spacing 60'x60' or 30'x50'.

ITEM NO.		PRICE
RB30H	9/64" NOZZLE	$17.00
RB316	3/16" NOZLE	$17.00

V-Rain 75-27

NOZ PSI	Nozzle 9/64" x 3/32" 7° GPM	DIA.	NOZZLE 5/32" X 3/32" 7 ° GPM	DIA	NOZZLE 11/64' X 3/32" 7 ° GPM	DIA.	NOZZLE 3/16" X 3/32" 7 ° GPM	DIA	NOZZLE 3/16" X 1/8" 20 ° GPM	DIA	NOZZLE 3/64" X 1/8" 20 ° GPM	DIA	NOZZLE 7/32" X 1/8" 20 ° GPM	DIA
25	4.18	80	4.83	83	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.87	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.6	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.50	90	8.37	9	5	9.56	100	11.02	105	12.90	105	14.40	108	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112

DAN Modular Micro Sprinkler

Dan Modular is the original micro-sprinkler that set the standard for all micro-sprinklers. The broad range of flow rates, wetted diameters and patterns from full to part circle with different sprayers, swivels, and anti-mist devices that produces small, medium, and large droplets makes it practically a universal device for agriculture, greenhouse, and landscape applications.For over two decadesDanModular has been the product of choice as a standard micro-sprinkler for greenhouse applications.

Product Features

- DanModular design offers comprehensive flexibility in an irrigation design
- Adapts to almost any field condition
- Broad range of flow rates, 10 nozzles and 4 anti-mist devices produce 14 flow rates from:
- 9.2 to 79.3 GPH @ 29 psi
- 7 static spreaders and 5 swivels produce a wide variety of patterns and diameters
- Provides a range of desired droplet sizes from fog to mist to large droplets
- Field friendly,may be assembled and disassembled in the field
- Under-tree and over-tree, irrigation, frost protection and cooling (including chilling)
- Upright for field and greenhouse applications
- Inverted for greenhouse and hoop house applications
- Compatible with Leak Prevention Device (LPD)
- Recommended filtration 120 mesh
- Made of durable plastic for long term field operations – high UV resistance
- Nozzles are manufactured from wear resistant materials
- Clog resistant due to large water passages
- Even and uniform distribution of water and fertilizers

Technical Data

- Flow rates: 9.2 to 79.3 GPH @ 29 psi
- Recommended working pressure: 15 to 53 psi
- Required filtration: 120 mesh
- Wetted diameter: 8 to 35 feet

The following pages contain the technical information about the DAN Modular system.

By NaanDanJain Irrigation

Performance Table

Nozzle Color	Antimist Color	Flow Rate (GPH)	Nozzle Ø (inch)	Wetted Diameter (feet)													
				Static Spreaders							Swivels						
				90° (Black)	180° (Red)	Mist (Violet)	Strip (Blue)	Close-Range (Orange)	Flat (Yellow)	12 Jet (Green)	Small (Black)	Anti-Ant (Red/Black)	One-Sided (Black)	One-Sided (Blue)	Big (Orange)	Inverted* (Green)		
																Height (feet)		
																2'	4'	6'
Violet		9.2	0.032	5.6	7.2	4.9	10.5	3.0	9.2	11.2	19.7	19.7	21.3			16.4	19.7	19.7
Brown		11.4	0.037	5.6	8.2	5.9	13.8	3.0	11.2	14.8	19.7	21.3	23.0			18.0	19.7	21.3
Grey		18.5	0.046	8.2	8.9		27.9	3.0	11.2	18.0	21.3	21.3	24.6			21.3	21.3	24.6
Green		27.7	0.056	11.5	8.9		29.5	3.0	11.2	19.7	21.3	23.0	26.2		29.5	26.2	26.2	27.9
Orange		31.7	0.059	14.8	8.9		29.5	3.0	13.1	19.7	21.3	24.6	26.2		29.5	26.2	27.9	29.5
Yellow		42.3	0.068								21.3	26.2	27.9	26.2	31.2	29.5	29.5	31.2
Blue		52.8	0.076									27.9	29.5	27.9	31.2	29.5	29.5	32.8
Ivory		62.1	0.081										31.2	29.5	32.8	29.5	31.2	34.4
Red		68.7	0.086										32.8	32.8	32.8	29.5	32.8	36.1
Black		79.3	0.092										34.4	34.4	32.8	31.2	32.8	36.1
Green	Green	10.6	0.037	6.6	3.9		9.2	2.6	11.5	8.2	13.1					14.8	16.4	19.7
Orange	Orange	18.5	0.046	7.2	7.2		16.4	2.6	11.5	14.8	16.4					19.7	23.0	24.6
Yellow	Yellow	23.8	0.055	8.2	8.2		18.0	3.0	13.1	16.4	18.0					19.7	23.0	26.2
Blue	Blue	31.7	0.059	8.2	8.9		23.0	3.3	13.1	19.7	19.7					21.3	26.2	26.2

Upside Down Sprinkler Selection

Nozzle + Antimist Color	Bench Width (ft)															Height above crop (ft)	Precipitation Rate
	4'	5'	6'	7'	8'	8'	10'	12'	14'	14'	15'	16'	17'	18'	20'	22'	
Green - 10.9 GPH Orange 19.0 GPH Yellow 24.4 GPH Blue 32.6 GPH	Yellow Flat					Black Round				Green Kiwi							
Coefficent of Uniformity (CU Percentage)	75	94	94	92	886					93	91	88					2'	
	90	96	94	90	85		93	88		95	95	94	93	94	91		4'	Low
						94	93	88		93	93	93	93	96	94	86	6'	
	95	95	93	92		89				93	92	90					2'	
	95		96	94		91	91	89		95	95	95	95	95	93		4'	High
						93	90	89	88		94	94	94	94	93	92	6'	
Percentage of Water in Bench	68	64	75	85	92					86	90	93					2'	
	55	60	70	79	86		88	92		70	75	80	83	85	91		4'	Low
						63	77	87		66	70	75	79	82	90	92	6'	
	58	73	85	78		87				85	89	93					2'	
			60	68		60	73	85		67	72	77	81	85	92		4'	High
						56	68	80	90		67	71	74	79	86	92	6'	
Precipitation Rate (in/hour)	0.98	1.26	1.25	1.21	1.14					0.60	0.60	0.58					2'	
	0.80	1.20	1.16	1.12	1.07		0.51	0.71		0.50	0.50	0.50	0.49	0.60	0.58		4'	Low
						0.45	0.45	0.42		0.47	0.47	0.46	0.46	0.59	0.58	0.56	6'	
	1.78	1.77	1.72	1.93		1.08				0.78	0.76	0.75					2'	
			1.71	1.67		0.96	0.94	0.91		0.82	0.81	0.81	0.81	0.80	0.78		4'	High
						0.90	0.87	0.85	0.82		0.75	0.75	0.75	0.74	0.73	0.71	6'	

The above results are based on 30 psi on a 3' sprinkler spacing.

Dan Modular Selection Guideline:

1. *Determine the width of the area that you want to irrigate. In most cases the width will determine the sprinkler type*
2. *Decide if you want to apply water at a high or low application rate.*
3. *Determine the height at which you want to hang the sprinkler, whilst ascertaining the desired precipitation of water to fall on the bench and the width of the band to be irrigated.*
4. *The above three choices will determine the appropriate nozzle and anti-mist color. In some cases, a particular factor, such as the percentage of water in the bench, may determine the other variables such as application rate and sprinkler height.*

Upright Sprinkler Selection

Nozzle + Antimist Color	Width (ft)															Application Rate
	4'	5'	6'	7'	8'	7'	8'	10'	12'	12'	14'	15'	16'	18'	20'	22'	
	Yellow Flat Spreader					Black Round				Orange Oblong							
Coeficient of Uniformity (CU Percentage)	95	93	95	91	86	92	91	90		89	90	90	91	91	88		Low
	98	98	96	97	93		92	89	86	96	95	94	93	91	91	88	High
Percentage of Water in Strip	63	77	70	79	87	51	58	69		72	85	91	78	89	95		Low
	46	57	67	70	77		58	70	77	51	61	66	72	83	92	97	High
Precipitation Rate (in/hr)	.91	.89	1.17	1.13	1.08	0.71	0.69	0.67		.58	.58	.58	.61	.62	.59		Low
	1.47	1.46	1.43	1.69	1.64		0.93	0.89	1.09	.71	.73	.75	.75	.77	.77	.74	High

The above results are based on 35 psi on a 3' sprinkler spacing and 10" height.

Butterfly Mount

ITEM NO.	DESCRIPTION	PRICE
NMS33	BUTTERFLY MOUNT	$.28

1/2 MPT Base

ITEM NO.	DESCRIPTION	PRICE
NMS35	½" MPT BASE	$.36

Anti Drip

ITEM NO.	DESCRIPTION	PRICE
NMS 2	ANTI-DRIP	$1.16

Nozzles

ITEM NO.	DESCRIPTION	PRICE
NMS0	NOZZLES (SPECIFY COLOR)	$.15

Spinners

ITEM NO.	DESCRIPTION	PRICE
NMS4	SPINNERS (SPECIFY TYPE)	$.18

Spreaders

ITEM NO.	DESCRIPTION	PRICE
NMS5	SPREADERS (SPECIFY COLOR)	$.18

12” Stake Plastic

ITEM NO.	DESCRIPTION	PRICE
NMS314	12” STAKE PLASTIC	$.42

Agri-Connector

AGRI-CONNECTOR
½” FPT BY 3/16” BARB

ITEM NO.	DESCRIPTION	PRICE
NMS1		$.58

2” Tee W/Valve

A two way valve that you can switch from one port to the other port with a handle.

ITEM NO.	DESCRIPTION	PRICE
VALTEE	2” TEE W/VALVE	$80.00

2 GPH 8 Way

ITEM NO.	DESCRIPTION	PRICE
NMD8	2 GPH 8 WAY	$.80

Black Spider Assemblies & Accessories

Accessories for Spiders. The crosses and tee are stackable. Use 3/16” tubing for these products.

NGEF1 Outlet ADP

ITEM NO.	DESCRIPTION	PRICE
NGEF1	1 OUTLET ADP.	$.06

Tee 2 Outlet

ITEM NO.	DESCRIPTION	PRICE
NGEF2	TEE 2 OUTLET	$.09

Bridge

ITEM NO.	DESCRIPTION	PRICE
NMS3	BRIDGE	$.44

DAN Foggers

For cooling and humidification in greenhouses. Contact us for design and application information.

ITEM NO.	DESCRIPTION		PRICE
NMF018	BLUE FOGGERS	1.8 GPH	$.80
NMF036	ORANGE FOGGERS	3.6 GPH	$.80
NMF054	RED FOGGERS	3.6 GPH	$.80
NMF072	BLACK FOGGER	7.2 GPH	$.80

4 Way Cross

ITEM NO.	DESCRIPTION	PRICE
NMFX	4 WAY CROSS	$.98

2 Way Tee

ITEM NO.	DESCRIPTION	PRICE
NMFT	2 WAY TEE	$.95

45 Degree Angle Adapter

ITEM NO.	DESCRIPTION	PRICE
NMF45	45 DEGREES ANGLE ADAPTOR	$.40

Plug

ITEM NO.	DESCRIPTION	PRICE
NMFP	PLUG	$.40

ClickTIF button dripper is designed for orchards and vineyards, greenhouses, nurseries and landscape applications. It provides precise irrigation in soilless culture growing conditions and pulse irrigation. Prevents surplus drainage in low places (CNL model). Protects against woodpeckers and animals — subsurface installation. Irrigation of pot-plants:one, two or four outlets

Anti-drain & Pressure Compnsating Dripper

ITEM NO.			PRICE
PCD005	½GPH	2LPH	$.25
PCD010	1GPH	4LPH	$.25
PCD020	2GPH	8LPH	$.25
PCD030	3GPH DRIPPERS		$.25

2” Adjustable Pressure Regulator

ITEM NO.	DESCRIPTION	PRICE
PR20A	2’’ADJUSTABLE PRESSURE REGULATOR	$100.00

Regulator and Filter Assembly FHT X Comp

ITEM NO.	DESCRIPTION	PRICE
FILREGCO	REGULATOR ASSEMBLY FHT X COMP	$39.00

Regulator Assembly FHT X MHT

ITEM NO.	DESCRIPTION	PRICE
FILREGMHT	REGULATOR ASSEMBLY FHT X MHT	$39.00

Standard Dripper

Very popular for hanging baskets. On/Off design with plastic weighted end.

ITEM NO.	DESCRIPTION	PRICE
COT24	24”	$.62
COT36	36”	$.61
COT48	48”	$.65

Pressure Compensating Drippers

The same as the standard dripper but with a pressure compensating button emitter.

ITEM NO.		PRICE
	½ GPH 2 LPH	
PCT24	24”	$.94
PCT36	36”	$.96
PCT48	48”	$.99

Flat Manifold

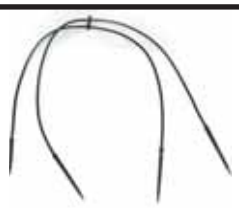
For a 4-way spider.

ITEM NO.	PRICE
NGEF3	$.09

Dripper STKE

ITEM NO.	DESCRIPTION	PRICE
NMD80	DRIPPER STKE	$.12

Pre-assembled 4-way Spider



ITEM NO.	DESCRIPTION	PRICE
NGE18	18” LONG	$.94
NGE24	24” LONG	$.98
NGE32	32” LONG	$1.02
NGE36	36” LONG	$1.06

Stabilizing Hanging Tubes

Stabilized Hanging Tubes Includes 3/16" tube w/ barb on one end and a butterfly mount on the other with weight.

ITEM NO.		PRICE
NMS24	24"	$1.10
NMS36	36"	$1.14
NMS48	48"	$1.18

PVC Sprinkler Stands

ITEM NO.		PRICE
PVCS015	3/4'' PVC	$15.00
PVCS007	1.5'' PVC	$12.29
PVCS020	2" PVC	$17.14

MPT Plastic Sprinkler

ITEM NO.	DESCRIPTION	PRICE
JS05	.5'' MPT PLASTIC SPRINKLER	$7.50

Coupling for Spaghetti Tubing

ITEM NO.	DESCRIPTION	PRICE
TB125	1/8'' COUPLING	$0.10
TB250	1/4'' COUPLING	$0.16

Aluminum Risers

1" MPT x 3/4" FPT

ITEM NO.	DESCRIPTION	PRICE
AR12	12'' ALUMINUM RISER	$4.75
AR18	18'' ALUMINUM RISER	$8.23
AR24	24'' ALUMINUM RISER	$10.72
AR36	36'' ALUMINUM RISER	$13.09
AR48	48'' ALUMINUM RISER	$16.62

Dramm Hozon Syphon Mixer

The syphonject draws a concentrated solution from a bucket through a flexible suction tube. the solution is then diluted as it enters the water stream at an approximate ratio of 20 parts water to one part concentrated solution. Requirements: A full flow nozzle 3-5 GPM., min. water pressure at faucet 35 PSI, max hose length of 50', any restrictions in the line downstream will cause backpressure and it will not work. The syphonject draws a concentrated solution from a bucket through a flexible suction tube. the solution is then diluted as it enters the water stream at an approximate ratio of 20 parts water to one part concentrated solution. Requirements: A full flow nozzle 3-5 GPM., min. water pressure at faucet 35 PSI, max hose length of 50', any restrictions in the line downstream will cause backpressure and it will not work.

ITEM NO.	PRICE
GGA200	$14.20

Gasket for 3/4" - 1" Filter

ITEM NO.	DESCRIPTION	PRICE
TSFG1	GASKET FOR 3/4'' - 1'' FILTER	$1.60

Gasket for 1.5" & 2" Filter

ITEM NO.	DESCRIPTION	PRICE
TSFG2	GASKET FOR 1.5'' & 2'' FILTER	$3.23

AC Irrigation Controller

ITEM NO.	DESCRIPTION	PRICE
DG5004	A/C FOUR STATION	$35.00
DG5006	A/C SIX STATION	$50.00

Features
- Operate 4, 6 or 8 stations with master valve or pump start
- Automatic, semi-automatic, manual and program test operation
- Ten position dial, and large (LCD) for easy view and programming
- 12 hour or 24 hour clock
- Off mode option allows the system to be shut off for an unlimited time
- Dedicated sensor terminal allows rain, moisture, and freeze sensor terminal
- Non-volatile memory retains program and controller integrity forever (excluding time)
- 9-volt backup battery (not included)
- Reset button allows for a total reset of the controller

DC Irrigation Controller

ITEM NO.	DESCRIPTION	PRICE
DG540	D/C FOUR STATION	$87.00
DG560	D/C SIX STATION	$108.00
DG710	D/C SINGLE STATION	$74.65

Features
- Operate one valve or up to four stations with sensor and master valve (four station) without AC power hookup
- Four button keypad with an integrated LCD display
- Easy to read AM/PM clock
- Independent programming for each valve (four station)
- Can operate two valves simultaneously (four station)
- Digital icon indicates station in operation (four station)
- Automatic, semi-automatic and manual operation
- Operates with R710DC latching solenoids
- Irrigation suspension override (rain mode)
- Master valve wires included with the four station model
- Withstand harsh climatic conditions - rated IP68, the highest attainable code classifying the degree of protection against water intrusion (completely sealed and waterproof)
- Mount to valve or valve box wall
- Powered by one 9-volt alkaline battery (not included) featuring low power consumption
- Program stored for up to 20 seconds during battery change
- Single station includes the solenoid

24 Volt AC Valve

In-line Valve Features
- Internal bleed, manual override for manual ON/OFF
- High flow with low pressure loss
- Rugged, reinforced self-cleaning diaphragm provides reliable operation even with contaminated water
- Flow control handle for water flow adjustment and manual shutoff

ITEM NO.	SIZE	FLOWRATE	PRICE
Fipt, 10-150 PSI			
EV007	¾”	.1 TO 28	$20.00
EV010	1”	.2 TO 35	$19.50
EV015	1.5”	20 TO 140	$61.50
EV020	2”	30 TO 170	$68.50
ACSOL, AC SOLENOID FOR THE AC VALVES.			

18 Volt DC Valve

In-line Valve Features

- Internal bleed, manual override for manual ON/OFF
- High flow with low pressure loss
- Rugged, reinforced self-cleaning diaphragm provides reliable operation even with contaminated water
- Flow control handle for water flow adjustment and manual shutoff

ITEM NO.	SIZE	FLOWRATE	PRICE
FPT inlet x FPT outlet, 10-150 operating pressure			
DG010	1"	.2 TO 35	$36.00
DG015	1.5"	20 TO 135	$85.00
DG020	2"	30 TO 165	$85.56
DCSOL, 2 WIRE NEW STYLE DC SOLENOID			$14.06
DCSOL3, 3 WIRE OLD STYLE DC SOLENOID			$26.18

DC Battery Valves and Controllers

DC Propagation Controllers

Heavy duty plastic with DC latching solenoid for above controllers. All have FPT connections and operate at 10 to 150 PSI, have manual flow control valve and are normally closed.

ITEM NO.	DESCRIPTION	PRICE
DG71010P-DC	PROPAGATION CONTROLLER W/1" VALVE	$115.00
DG71015P-DC	PROPAGATIONCONTROLLER W/1.5" VALVE	$153.00
DG71020P-DC	PROPAGATION CONTROLLER W/2" VALVE	$182.24
DG71075P-DC	PROPAGATION CONTROLLER W3/4" VALVE	$88.00

Single Station w/ Valve

Completely waterproof, the 700 series has a long list of features, including 4 start times per valve per day water budget, AM/PM clock, watering duration from 1 minute to 12 hours, 7 day programming options, simple 4 button design and easy to read screen. Sleek and compact, the 700 series are only 4 1/4" H x 5" L x 3 1/2" W. Can be used to temperatures from 38 to 130. Uses 2, 9 volt batteries tat last up to two years!

ITEM NO.	DESCRIPTION	PRICE
DG71075	¾"	$88
DG71010	1"	$89
DG71015	1.5"	$153
DG71020	2"	$161

When ordering valves, please provide model # of your controller.

Propagation Controllers

Designed for misting the propagation controllers differ only in the watering timer, they can be set in seconds rather than minutes.

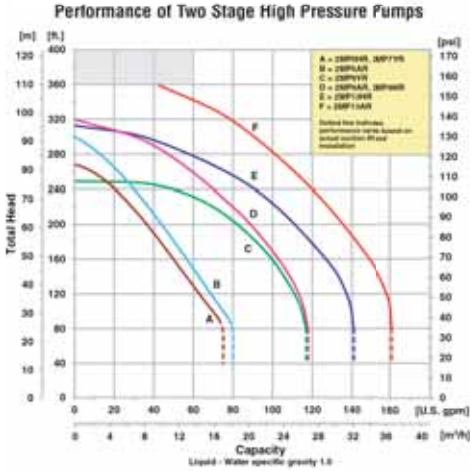
ITEM NO.	PRICE
DG5006P	$88.77

Garden Hose Controllers

Battery operated (9 volt battery) with FHT inlet and MHT outlet. 10-140 PSI. max flow is 5.2 GPM. Has 6 buttons.

ITEM NO.	PRICE
DG9001D	$40.00

IPT Pump (5 HP)



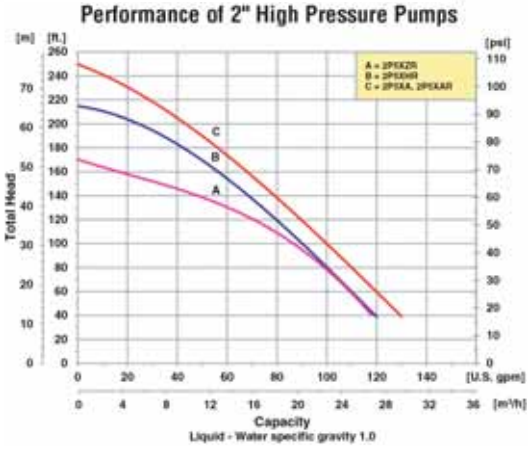
Features

- Cast Aluminum Construction with Cast Iron Diffusers
- High Efficiency Two-Stage Precision Cast Aluminum Impellers
- 2″ NPTM Cast Iron Suction Port
- Three-Way Cast Iron Discharge Port
- Viton® Mechanical Seal with Silicon Carbide and Carbon Faces
- EPDM/EPR O-Rings and Gaskets
- Maximum Head up to 155 PSI
- Maximum Flow up to 160 GPM
- Built-in Flapper/Check Valve Permits Self-priming to 20 Ft.
- Heavy Duty Steel Roll Frame Included

ITEM NO.	DESCRIPTION		PRICE
PU2MP5HR	#90	PUMP W/ROLL CAGE	$688.00

The IPT Self-priming Two-stage High Pressure Engine Driven pump includes precision cast high efficiency impellers to maximize performance and pressure. Cast iron diffusers for durability and extended life. Aluminum construction and heavy duty powder coated steel frame allows portability for use in many applications. This pump features cast iron male NPT ports, silicon carbide mechanical seals, EPDM/EPR O-rings and gaskets, built-in flapper/check valve and wrench for easy service of the pump. This unit is ideal for fire protection, emergency fire fighting, washdown and AG/sprinkler applications.

IPT Pump (6.5 HP)



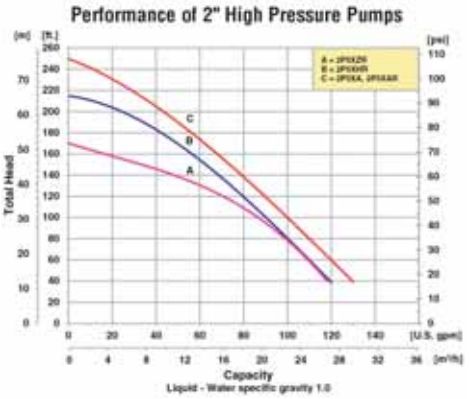
IPT 2” Engine Driven Portable High Pressure pumps are cast aluminum construction with cast iron volute and male NPT ports. Pump applications include fire protection and irrigation. These pumps are available with a wide choice of standard and heavy duty gasoline or diesel fueled engines. These pumps feature high efficiency closed cast aluminum impeller. All models come equipped with EPDM/EPR elastomers and seals. Most models include a heavy duty steel roll frame.

ITEM NO.	DESCRIPTION		PRICE
PU2P5H	#68	BASE PUMP	$658.00
PU2P5G	#98	PUMP W’ROLL CAGE	$716.00
PU2P5HRC	#100	PUMP W/ ROLL CAGE & 6 GAL TANK	$794.00

Features

- Cast Aluminum Construction
- EPDM/EPR Mechanical Seals
- Optional Viton® Seal and Elastomers Available
- 2″ Cast Iron Suction & Discharge Male NPT Port Sizes
- Maximum Flow up to 130 GPM
- Maximum Head up to 108 PSI
- Maximum Lift to 26 Ft.
- One Tool Serviceability
- Utilized for Fire Protection or Irrigation
- Discharge Port Rotates in 90° Increments
- Engine Options: Honda, Briggs & Stratton Gasoline or Hatz Diesel Engines

IPT Pump (8HP)

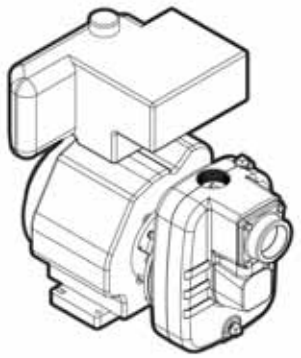


Features
- Cast Aluminum Construction with Cast Iron Diffusers
- EPDM/EPR Mechanical Seals
- Optional Viton® Seal and Elastomers Available
- 3″ Cast Iron Suction & Discharge Male NPT Port Sizes
- Maximum Flow up to 185 GPM
- Maximum Head up to 89 PSI
- Maximum Lift to 26 Ft.
- One Tool Serviceability
- Utilized for Fire Protection or Irrigation
- Discharge Port Rotates in 90° Increments
- Engine Options: Honda, Briggs & Stratton Gasoline or Hatz Diesel Engines

ITEM NO.	DESCRIPTION		PRICE
PU3P9H	#145	PUMP W/ ROLL CAGE	$688.00

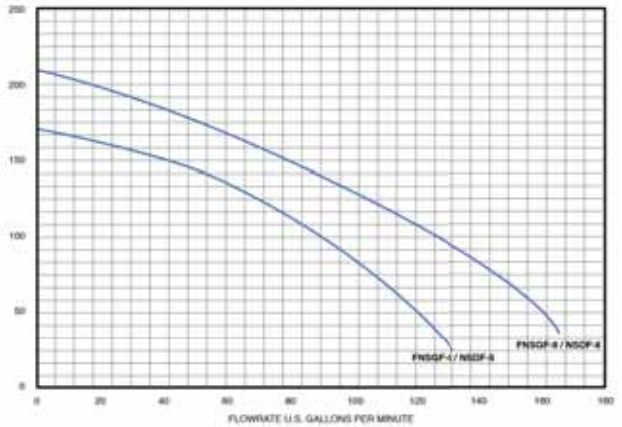
IPT 3” Engine Driven Portable High Pressure pumps are cast aluminum construction with cast iron volute and male NPT ports. Pump applications include fire protection and irrigation. These pumps are available with a wide choice of standard and heavy duty gasoline or diesel fueled engines. These pumps feature high efficiency closed cast aluminum impeller. All models come equipped with EPDM/EPR elastomers and seals. Most models include a heavy duty steel roll frame.

Monarch Self Priming Pump (9HP)



Features
- Volute: Cast iron rugged construction with tapped openings for priming, venting and draining.
- Impeller: Enclosed cast iron for higher pressure applications.
- Mechanical Seal: Standard carbon/ceramic faces, Viton® elastomers, 300 series stainless components.
- Engine: Industry recognized Kohler, Briggs & Stratton, or
- Honda equipped with adjustable throttle controls.
- Mounting: Horizontal position.

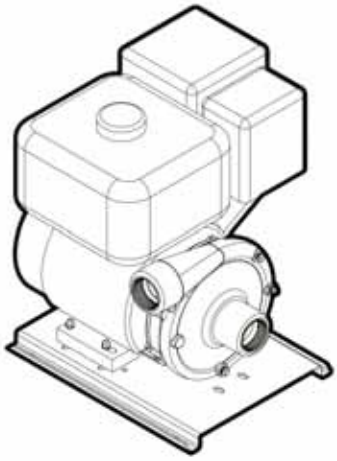
ITEM NO.	DESCRIPTION	PRICE
MON8	BASE PUMP	$1355.00
PPA66	ROLL CAGE	$87.50
PPA60	6 GAL TANK	$88.00



Specifications
- Capacities: to 165 gpm
- Heads: to 185 feet
- Working Pressure: 120 psi max
- Temperature: 200 oF max
- Rotation: clockwise viewed from engine side
- Pipe Connections: NPT

Bringing you the best in produce and greenhouse supplies! • Call 1.888.381.8641

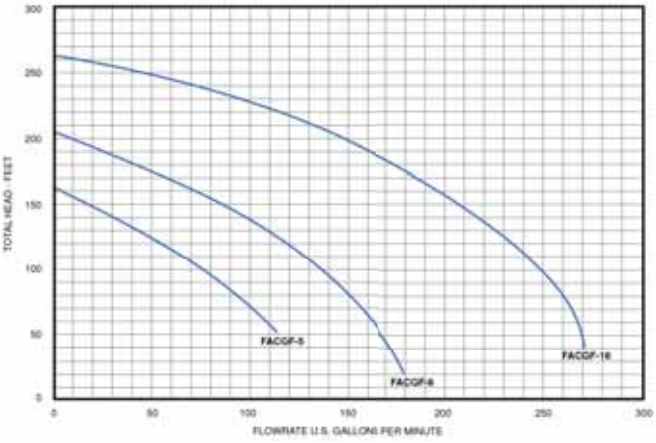
18 HP NG2-1/2M9S Monarch Pump



Features

- Cast Aluminum Construction with Cast Iron Diffusers
- EPDM/EPR Mechanical Seals
- Optional Viton® Seal and Elastomers Available
- 3″ Cast Iron Suction & Discharge Male NPT Port Sizes
- Maximum Flow up to 185 GPM
- Maximum Head up to 89 PSI
- Maximum Lift to 26 Ft.
- One Tool Serviceability
- Utilized for Fire Protection or Irrigation
- Discharge Port Rotates in 90° Increments
- Engine Options: Honda, Briggs & Stratton Gasoline or Hatz Diesel Engines

ITEM NO.	PRICE
MON18	$2493.00

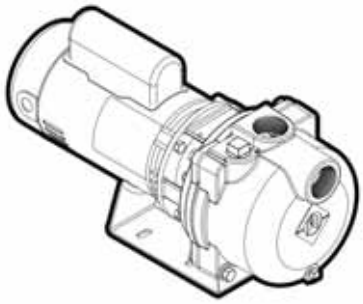


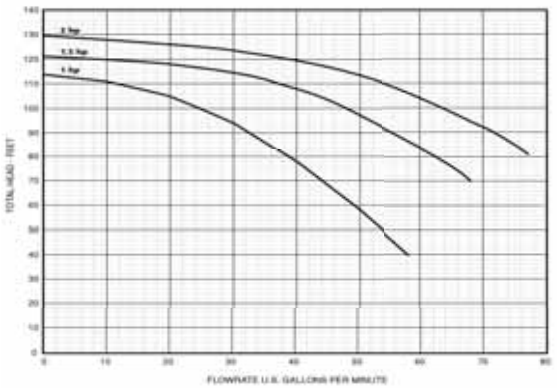
Monarch quality, heavy duty pump engineered for irrigation applications. Cast iron pump body and cast iron impellar and no maintenance seal. 3” Fipt suction & 2.5” Fipt discharge, 12 volt electric start only, includes battery cage, and a 2.25 gallon gravity feed gas tank. Engine is a B&S Vanguard V-Twin w/oil alert, and key switch.

Non-stocked Pumps

We can get a full line of Monarch electric and engine driven pumps and parts. Call us for pricing. On a deep well submersible pump we need to know the gallons per minute and the well depth to determine your specific needs. Submersible Pumps: Stainless steel pump heads, 4” diameter, available in 5 to 75 GPM, 1/3 to 7.5 horsepower, up to 650 foot of lift. Engine Driven: we can get a large selection of them with Honda, B&S Intek, & B&S Vanguard engines.

3/4 - 2HP Turfboss Self Priming Electric Pumps



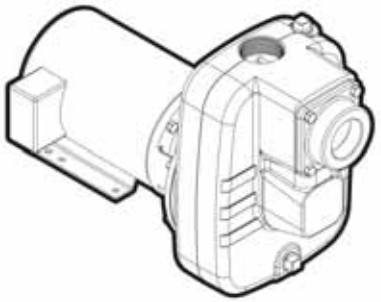


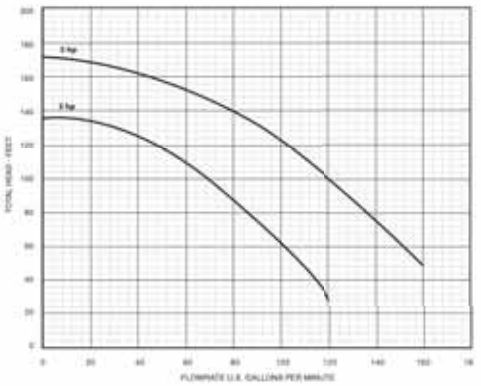
Features

- Self-priming design, with the ability to lift water from a depth of 25’.
- Easily serviced through a back pull-out design, which leaves the plumbing and both the pump’s base and case undisturbed in their original location.
- Rugged pump case constructed with heavy-duty cast iron ensures optimum durability, quiet operation, and long life.
- Hydraulic components molded with Noryl®* thermoplastic, when coupled with the floating stainless steel impeller eyeseal, ensures dependable and efficient operation. Industry proven indoor and outdoor 56-J motor from A.O. Smith .
- 1 and 1.5 hp motors are dual voltage, set to run with either 115 or 230 V incoming power (2 hp is 230 V only).
- Mechanical shaft seal allows positive protection against leaking.
- Built-in drain plug for easy winterizing and servicing.
- Shut-off pressures up to 130 feet, and flow rates to 70 gpm.
- Handles water temperatures up to 120 °F.
- Integral 1” NPT priming plug.
- 1.5” NPT suction, 1.5” NPT discharge.

ITEM NO.	DESCRIPTION		PRICE
S75	3/4HP	1.5”	$305.00
S100	1HP	1.5”	$350.00
S200	2HP	1.5”	$390.00

3 & 5HP Turfboss Self Priming Electric Pumps





Little GIANT
Franklin Electric

Features

- Volute: Built-in suction check valve facilitates priming and prevents back flow or siphoning.
- Impeller: Cast iron, combining efficient operation with durable construction to allow for use in a broad range of pumping applications.
- Seal: Standard carbon/ceramic faces, Viton® elastomers, 300 series stainless components.
- Diffuser: Cast iron diffuser is utilized in all models, improving pump efficiency
- Motor: Standard JM Frame Motors.

ITEM NO.	DESCRIPTION		PRICE
S300	3HP	2”	$860.00
S500	5HP	2”	$1090.00

Pumps

Coversion Kit from Gas to Propane

The gaseous fuel converstion kits have been designed to provide a basice set of equipment to convert an internal combustion engine to a gaseous fuel. Most conversions can be accomplisheded in 30-40 minutes using common hand tools.

The exact kit you will need depends upon your available fuel supply. Kits are available for Liquid Withdrawal, Natural Gas, LP-Gas, Vapor Withdrawal and Compressed Natural Gas. These kits convert your gas powered engine into a clean burning natural gas or propane engine.

ITEM NO.	DESCRIPTION	PRICE

CONTACT US FOR MORE INFORMATION

Water Filters

Triton® Sand Filter

The Triton II filter is the result of over 40 years of product evolution and refinement. It has set the industry standard for effectiveness, efficiency, long runs between service and providing years of dependable, low maintenance operation. The Triton II filter features a special internal design that keeps the sand bed level, ensuring even water flow and resulting in the most efficient filtration possible.

- Time-proven internal design ensures that all water receives maximum filtration for crystal clear results.
- GlasLok™ Process creates a one-piece, fiberglass-reinforced tank with a UV-resistant coating for years of dependable, corrosion-resistant service.
- Flow system design controls filtration quality and ensures maximum run times between backwashing to save you time.

Model	Tank Dia.	Sq. Ft	Wt.	Gravel	Sand	GPM
TR40	19”	1.92	25	50	125	38
TR609	24”	3.14	39	75	250	63
TR100	30”	4.91	65	150	450	98
TR140	36”	7.06	82	275	650	141

ITEM NO.	DESCRIPTION	PRICE
TR40		$349.00
TR60		$480.00
TR100		$698.00
TR140		$1052.94
TR120	2” VALVE BACK FLUSH	$139.00
TR122	2” PLUMBING FOR VALVE	$34.50
TR150	#50 SAND	$6.80
TR151	#50 GRAVEL	$7.10

Stainless Steel for DIG Filters

ITEM NO.	DESCRIPTION	PRICE
RDS01	FITS ¾-1”	$9.50
RDS02	FITS 1.5”	$47.27
RDS03	FITS 2”	$51.73

3” Plastic Disk Filter

- Designed for use as a primary or secondary filter
- Can be installed upright or downward
- For use with water containing high amounts of organic or inorganic matter

ITEM NO.	PRICE
PDF030	$5.60

DIG Filter Screens

ITEM NO.	DESCRIPTION	PRICE
DGF007	3/4"	$10.50
DGF010	1"	$16.50
DGF150	1.5” FILTER	$51.00
DGF020	2” 80GPM	$79.00
DGFO1.5-2	O-RING FOR 1.5”-2” FILTERS	$7.40
DGFO.7-1	O-RING FOR 3/4”-1” FILTERS	$2.74

Replacement Screens

Stainless steel spin-clean screens

ITEM NO.	DESCRIPTION	PRICE
RSS01	FITS ¾-1’	$8.40
RSS02	FITS 1.5-2”	$79.03

API Spin Clean Filters

These filters are used to clean water for drip irrigation systems. They clean well water, or relatively clean water and work especially well for filtering sand out of water. But they are not recommended for surface water containing algae. We recommend a pressure gauge on the filter inlet and outlet to determine when the filter is clogging and to avoid unnecessary cleaning. For drip irrigation tape, mesh size should not be coarser than 120 mesh. Mesh size over 175 create unnecessary filter cleaning and clogging. Filters are built from a high heat, chemical resistant glass-reinforced plastic and have a stainless steel screen. Made in USA.

ITEM NO.	DESCRIPTION		PRICE
PSF007	9GPM	¾” API SPIN-CLEAN	$19.50
PSF010	18GPM	1” API SPIN-CLEAN	$19.80
PSF015	55GPM	1.5”API SPIN-CLEAN	$139.00
PSF020	110GPM	2”API SPIN-CLEAN	$161.00

Filter for GHT Tee

ITEM NO.	DESCRIPTION	PRICE
DTFGHTF	FILTER FOR GHT TEE	$2.25

SPIN CLEAN FILTER GASKET

ITEM NO.		PRICE
TSFGI	RUBBER GASKET FOR 3/4” - 1” FILTER	$1.60
TSFG2	RUBBER GASKET FOR 1.5” - 2” FILTER	$3.23

Dosatron Injector

The Dosatron automatically compensates for any change in pressure or flow. Adjustable ratio (1:500-1:64).

DOSATRON INTERNATIONAL INC

ITEM NO.			PRICE
MODEL	D14	D45R	D8R
SIZE MPT	¾"	1"	1.5"
FLOW GPM	.05-14	.4-20	2.2-40
PRESSURE PSI	4.3-85	7-70	2-110
ITEM #	DOS14	DOS20	DOS40
PRICE	$364	$492.14	$684.21

BYPD Bypass Assembly for 3/4" Dosatron

Other parts can be ordered. Call 717.532.5918

ITEM NO.	DESCRIPTION	PRICE
DOS110	BYPASS ASSEMBLY KIT ON CART	$516.00
BYPD	BYPASS ASSEMBLY FOR DOSATRON	$60.50

Ceramic Sleeve for Chemilizer Pump

ITEM NO.	PRICE
CPIF14010	$21.13

Dosatron Injector Maintenance Kit

The NEW Mini Maintenance Kits were designed to be an economical solution for the Dosatron user and grower who performs maintenance on a regular schedule. The kits include wear parts, Dosa-Klean, and our new product — Dosa-Lube, and were created for the 11, 14, 20, 40, and 100 GPM injectors.

ITEM NO.	PRICE
DOS14KIT	$49.79
DOS20KIT	$54.35
DOS40KIT	$62.11

Chemilizer

The Chemilizer has a water driven motor that drives a piston pump, the piston pump injects the chemicals after the motor so that it is never contaminated by chemicals. Includes a 2 year warranty from the manufacturer. Flow Rate. 1 GPH-700 GPH Pressure. 2 PSI 80 PSI Max. Temp. 110F Pipe size: ¾" MHT Ratio 1:100 (optional 2:100)

ITEM NO.	DESCRIPTION	PRICE
CPI12	12GPM MODEL CH9000	$212.00
BYPC	BYPASS ASSEMBLY WITH FILTER	$60.50
CPI121	W CART W/BYPASS +6GAL TANK	$365.00
CPIFG2	REPLACEMENT HOSE	$99.27

Other parts such as, rebuild kits, ratio adapters, etc. can be ordered. Call 717.532.5918

Field Injectors

Venturi injectors are a high efficiency, differential pressure injectors. The pressure difference creates a vacuum inside the body which results in suction through the suction port. These injectors are trouble free because they have no moving parts. Complete units similar to above have a brass check valve, brass gate valve, flow meter, pressure gauge, and a massei injector unit with bypass, all mounted on a treated wood frame for a long life.

INJECTION RATE CHART GPH				
INLET	OUTLET	384	584	1078
20 PSI	10PSI	4.0	13	50
30 PSI	15 PSI	5.3	18	60
40 PSI	20PSI	7.4	20	72
50 PSI	30 PSI	5.3	19	66
MAX		10.5	25	75

Mazzei Injector

ITEM NO.	DESCRIPTION	PRICE
MIC384	1/2" MODEL 384	$35.19
MIC584	3/4" MODEL 584	$35.19
MIC1078	1" MODEL 1078	$56.64

Field Injectors

ITEM NO.					PRICE
MIC707*		¾"	W/384	FIPT	$104
MIC710*		1"	W/384	FIPT	$109
MIC015	#24	1.5"	W/584	FIPT	$165
MIC020	#25	2"	W/584	FIPT	$175
MIC030	#35	3"	W/1078	FIPT	$345

***Does not include stand**

Suction Strainer

ITEM NO.	DESCRIPTION	PRICE
MICS84	¼" SUCTION STRAINER (INSERT)	$8.80

Suction Port Cap for Mazzie 384 & 584

ITEM NO.	PRICE
MICPC05	$3.81

Rebuild Kits

ITEM NO.	DESCRIPTION	PRICE
MIRK2	INJECTOR REBUILD KIT FOR 284 & 584	$7.00
MIRK4	INJECTOR REBUILD KIT FOR 1078	$10.80

Flowmeter

ITEM NO.	DESCRIPTION	PRICE
FLO040	40 GPH FLOWMETER ¼" INSERT	$19.10
FLO100	100 GPH FLOWMETER 3/8 FIPT	$49.60

Air Release Valve

Put in the highest point of the main line to help protect your fertilizer injectors from damage.

ITEM NO.	DESCRIPTION	PRICE
APRV1	1"MIPT.	$7.49

IRROMETER

Soil Moisture Indicator

Your exact soil moisture at a glance. Helpful for irrigating any crops. Order the proper length meter to reach to the active root zone. Check your moisture at the root zone.

ITEM NO.	DESCRIPTION	PRICE
IRR06	6" LONG	$57.00
IRR12	12" LONG	$59.00
IRR18	18" LONG	$61.00

Service Kit Required!

ITEM NO.	DESCRIPTION	PRICE
IRR5	SERVICE KIT	$47.58
IRR52	FLUID 1 OZ	$4.80

Watermark

- Higher Crop Quality
- Increased Crop Yields
- Lower Water Costs
- Lower Energy Costs
- Prevention of Excessive Fertilizer Leaching

ITEM NO.	DESCRIPTION	PRICE
WMM1	MAIN UNIT	$228.
WMM5	SENSOR	$29.70

.250 Barb to Drip Tape

Black body with black lock nuts .250 barb

ITEM NO.	PRICE
DTF250B	$0.40

Oval Hose to Drip Tape

.40" Barb x drip tape. Black body with orange lock nuts

ITEM NO.	PRICE
DTF400B	$0.40

DTFA8

Green body with clear lock nuts .40 barb

ITEM NO.	PRICE
DTFA8	$0.45

DTF250BV

Black body with green handle .250 barb

ITEM NO.	PRICE
DTF250BV	$1.50

DTF420BV

Black body with red handle .420 barb

ITEM NO.	PRICE
DTFA8	$1.50

DTFCT2

Yellow Drip Coupling w/clear lock nuts

ITEM NO.	PRICE
DTFCT2	$.48

DTFCPT

Black body with orange or black lock nuts

ITEM NO.	PRICE
DTFCPT	$0.45

DTFP6A

Flat tube x drip line with valve

ITEM NO.	PRICE
DTFP6A	$1.45

DTFH13

Layflat to drip tape connector

ITEM NO.	PRICE
DTFH13	$.75

Drip Tape Coupling w/ Valve

ITEM NO.	PRICE
DTFCPTBV	$3.06

Layflate to Drip Tape w/ Valve

ITEM NO.	PRICE
DTFD3	$1.45

FHT to Drip Tape w/ Swivel Adapter

ITEM NO.	PRICE
DTFHS	$1.35

Drip Tape Tee

ITEM NO.	PRICE
DTFTEE	$1.35

Drip Tape Elbow

ITEM NO.	PRICE
DTFELL	$1.45

Oval Hose Goof Plugs

Plugs 1/8”-1/4” holes 10/Pack

ITEM NO.	PRICE
OTMP1	$0.50

Plugs plus .420 holes
(gray)

ITEM NO.	PRICE
DTFB16	$0.30

Layflat Goof Plug

ITEM NO.	PRICE
DTFB24	$0.58

Drip Tape Auto Flush Valve

ITEM NO.	PRICE
DTFG12	$1.30

Drip Tape End Sleeve

ITEM NO.	DESCRIPTION	PRICE
DTFCAP	1” LONG	$0.10

Drip Tape to MPT Adapter

ITEM NO.	PRICE
DTF75	$1.25

Layflat 3/4” Fipt Connector

ITEM NO.	PRICE
DTFB007	$1.05

Layflat 1/2” Fipt Connector

ITEM NO.	PRICE
DTFB005	$1.05

Hole Punches

Hose Punch

Oval Hose & Orchard Tubing Punches
1/8” - 3/16” Barbs

ITEM NO.	PRICE
DTFDPT	$4.32

Ejector Style Punch

ITEM NO.	DESCRIPTION	PRICE
DTFAP03	.250 TAPE BARB FITTINGS	$8.50
DTFAP07	.400 TAPE BARB FITTINGS	$8.50

Deluxe Serrated Cutting Punch

for .40 & .420 fittings

ITEM NO.	PRICE
DTFDP40S	$22.50

Lay Flat Punches

ITEM NO.	DESCRIPTION	PRICE
DTFFHP	15 MM FOR DTFFHC ONLY	$51.00

Replacement Tip for DTFAP Punch

ITEM NO.	DESCRIPTION	PRICE
DTFAPT01	REPLACEMENT TIP FOR .250 BARB	$3.70
DTFAPT02	REPLACEMENT TIP FOR .400 BARB	$3.70

Orchard Tubing Punch

EZ Punch (specify size)

ITEM NO.	DESCRIPTION	PRICE
OTFDPT1	EZ PUNCH, RED TIP .075" HOLE	$14.00
OTFDPT2	EZ PUNCH, GREEN TIP .150" HOLE	$14.00
OTFDPTB	EZ PUNCH BLUE TIP .100" HOLE	$14.00

Replacement Tip for OTFDPT Punch

ITEM NO.	DESCRIPTION	PRICE
OTFDPRR	EZ RED REPLACEMENT TIP, .075" HOLE	$7.90
OTFDPRB	EZ BLUE REPLACEMENT TIP, .100" HOLE	$7.90
OTFDPRBG	EZ GREEN REPLACEMENT TIP, .150" HOLE	$7.90

Garden Hose Fittings

Fittings

Brass Hose Adapters

MHT x MHT

ITEM NO.	DESCRIPTION	PRICE
BGH1625	MHT X MHT	$1.70
BGH1624	MHT X ¾"MPT	$1.80

FHT x 1/2" MHT

ITEM NO.	DESCRIPTION	PRICE
BGH1629	FHT X ½" MPT	$2.95

FHT x 3/4" FPT

ITEM NO.	DESCRIPTION	PRICE
BGH1635	FHT X ¾" FPT	$2.77

FHT x FHT

ITEM NO.	DESCRIPTION		PRICE
BGH1628	FHT X FHT	SWIVEL	$2.25

Brass Quick Couplers

BGH97

BGH95

ITEM NO.	DESCRIPTION	PRICE
BGH97	MALE	$1.98
BGH95	FEMALE	$4.30

Brass Hose Ends

Sold in pairs (male/female)

ITEM NO.	DESCRIPTION	PRICE
BGH005	½"	$3.65
BGH006	5/8"	$3.65
BGH007	¾"	$3.65

Brass Hose Ends w/ Nuts

Set (Male/Female)

ITEM NO.	DESCRIPTION	PRICE
BGH7005	½”	$5.00
BGH7006	5/8”	$3.40
BGH7007	¾”	$7.70
BGH701	1”	$13.00

1/2” MPT x MHT

ITEM NO.	DESCRIPTION	PRICE
BGH1623	1/2’’ MPT X MHT	$1.60

MHT x FHT Brass Hose Adapter

ITEM NO.	DESCRIPTION	PRICE
BGH1630	MHT X FHT BRASS HOSE ADAPTER	$2.25

Plastic MHT x 3/4” SOC/1” SPIG

ITEM NO.	DESCRIPTION	PRICE
GHF37	MHT X ¾” SOC/1” SPIG	$0.56

Plastic FHT x 1/2” SOC-3/4” SPIG

ITEM NO.	DESCRIPTION	PRICE
GHF67	FHT X ½” SOC-3/4” SPIG	$1.50

Plastic FHT x 3/4” MPT Swivel

ITEM NO.	DESCRIPTION	PRICE
GHT87	FHT X ¾” MPT SWIVEL	$1.80

3/4” Mipt x Insert Adapter

ITEM NO.	DESCRIPTION	PRICE
BF1436007	3/4’’ MIPT X INSERT ADAPTER	$6.00

GHT Tee w/ Filter

ITEM NO.	DESCRIPTION	PRICE
DTFGHT	GHT TEE W/FILTER	$6.29

Bulk Garden Hose

Light teal. 5/8”

ITEM NO.	DESCRIPTION	PRICE
GHG006.	CUT TO LENGTH BOX OF 250’	$0.59/FT $.49/FT.

Plastic MHT x 1/2” SOC-3/4” SPIG

ITEM NO.	DESCRIPTION	PRICE
GHF57	MHT X ½” SOC-3/4” SPIG	$0.54

Plastic FHT x 3/4” SOC/1” SPIG

ITEM NO.	DESCRIPTION	PRICE
GHF47	FHTX3/4” SOC/1” SPIG	$1.50

Hose End Cap (FHT)

ITEM NO.	PRICE
GHF7	$0.28

Fittings

Garden Hose Plastic Valve

ITEM NO.	DESCRIPTION	PRICE
GHF77	PLASTIC VALVE	$1.90

Brass Hose Valve

ITEM NO.	DESCRIPTION	PRICE
BBV0075	BRASS VALVE	$13.10

Plastic Twin Shut-off Valve

- twin shut-off valves control water flow for two hoses
- cap type valve handles resist breakage
- longer legs prevent hose kinks at faucet
- full ball and retainer rings reduce leakage, even at low pressure
- durable, rustproof polymer construction

ITEM NO.	DESCRIPTION	PRICE
GHF770	PLASTIC WYE	$1.94

Brass Twin Shut-off Valve

ITEM NO.	DESCRIPTION	PRICE
BBV0077	BRASS WYE	$7.60

Pistol Grip Nozzle

heavy duty
insulated

ITEM NO.	DESCRIPTION	PRICE
GGA310	PISTOL GRIP NOZZLE	$4.70

Full Flow Plastic Valve

ITEM NO.	PRICE
GHF78	$2.50

Plastic Hose Ends

ITEM NO.	DESCRIPTION	PRICE
FEMALE SWIVELS		
GHF05	½”-5/8”	$1.10
GHF07	5/8”-3/4”	$1.10
MALE ENDS		
GHF15	½”-5/8”	$1.10
GHF17	5/8”-3/4”	$1.10
HOSE MENDERS		
GHF25	½”-5/8”	$1.20
GHF27	5/8”-3/4”	$1.20

Rubber Hose Washers

ITEM NO.	DESCRIPTION	PRICE
GHF12	PACK OF 10	$0.59

Brass Check Valves

Full Flow Fipt x Fipt

ITEM NO.	DESCRIPTION	PRICE
BCV007	¾”	$6.40
BCV010	1”	93.10
BCV012	1.2”	$14.50
BCV015	1.5”	$15.60
BCV020	2”	$22.30
BCV4030	3"	$61.30
BCV040	4”	$89.30

Brass Hydrant Fittings 3/4" Tee Insert x MPT

ITEM NO.	DESCRIPTION	PRICE
BF1401007	¾" TEE INSERT X MPT	$6.50

1" x 3/4" Tee Insert x MPT

ITEM NO.	DESCRIPTION	PRICE
BF1403131	1X3/4" TEE INSERT X MPT	$9.00

Brass Ball Valves Full Flow Fipt x Fipt

ITEM NO.	DESCRIPTION	PRICE
BBV005	½"	$6.00
BBV007	¾"	$7.85
BBV010	1"	$12.40
BBV015	1.5"	$25.50
BBV020	2"	$33.00
BBV030	3"	$92.00
BBV040	4"	$162.00

Brass Gate Valves

Heavy Duty FPT x FPT

ITEM NO.	DESCRIPTION	PRICE
BGV005	½"	$4.30
BGV007	¾"	$6.50
BGV010	1"	$8.40
BGV015	1.5'	$14.50
BGV020	2"	$22.60
BGV030	3"	$69.00
BGV040	4"	$95.00

1" Tee Insert x MPT

ITEM NO.	DESCRIPTION	PRICE
BF1401010	1" TEE INSERT X MPT	$8.75

Ell Insert x MPT

ITEM NO.	DESCRIPTION	PRICE
BF1406007	3/4'' ELL INSERT X MPT	$4.89
BF1413010	1" ELL INSERT X MPT	$8.50

MPT x Insert Adapter

ITEM NO.	DESCRIPTION	PRICE
BF1436007	3/4'' MPT X INSERT ADAPTER	$6.00
BF1413121	1.2X1" ELL INSERT X MPT	$8.55

Brass Ball Valves (Insert)

Full Port Insert x Insert

ITEM NO.	DESCRIPTION	PRICE
BBVI007	¾"	$11.30
BBVI010	1"	$14.50
BBVI012	1.2"	$22.80

Brass Boiler Drain Valve

ITEM NO.		DESCRIPTION	PRICE
BBD005	½"	BOILER DRAIN VALVES	$4.00
BBD007	¾"	BOILER DRAIN VALVES	$4.20

PVC Compression Coupling

Use for repair of PVC pipe in an existing underground line, without digging up large sections of the pipe.

ITEM NO.	DESCRIPTION	PRICE
SPF7015	1.5”	$4.11
SPF7020	2”	$6.54
SPF7030	3”	$15.25
SPF7040	4”	$20.60

SOC PVC Ball Valves

ITEM NO.	DESCRIPTION	PRICE
PBVS005	½”	$1.98
PBVS007	¾”	$2.60
PBVS010	1”	$3.95
PBVS012	1.2”	$4.95
PBVS015	1.5”	$6.75
PBVS020	2”	$8.40
PBVS030	3”	$35.92
PBVS040	4”	$58.80

AnyFlow Hydrant

3’ Bury

ITEM NO.	DESCRIPTION	GPM	PRICE
HYD073	¾”	20	$81
HYD103	1”	38	$97

Brass Pressure Relief Valve

Preset at 75 PSI

ITEM NO.	DESCRIPTION	PRICE
BPR05	½”	$4.50
BPR07	¾”	$5.00

Suction Strainers

Fipt Steel

ITEM NO.	DESCRIPTION	PRICE
SS021	2” FINE	$12.00
SS020	2”	$12.50
SS030	3”	$17.00
SS040	4”	$19.00

SOC PVC Ball Valves Threaded

ITEM NO.	DESCRIPTION	PRICE
PBVT005	½”	$1.98
PBVT007	¾”	$2.60
PBVT010	1”	$3.95
PBVT012	1.2”	$4.95
PBVT015	1.5”	$6.75
PBVT020	2”	$8.40
PBVT030	3”	$35.9
PBVT040	4”	$58.80

Pressure Gauges

Metal case with plastic face with 1/4” MPT brass stem. All systems need pressure gauges! Not using pressure gauges in the system can be very costly. It’s like working in the dark!

¼” MPT
2” Face

ITEM NO.	DESCRIPTION	PRICE
PG30	30PSI	$3.50
PG60	60PSI	$3.50
PG100	100PSI	$3.50
PG200	200PSI	$3.50
LIQUID FILLED		
PGL100	100PSI	$9.70
PGL200	200PSI	$9.70

ITEM NO.	DESCRIPTION	PRICE
BACKMOUNT PGB10000	1/8” STEM 100 PSI	$4.50

Stake Assembly for Pressure Gauge

ITEM NO.	DESCRIPTION	PRICE
PGS	STAKE ASSEMBLY FOR PRESSURE GAUGE	$3.50

Steel Fittings

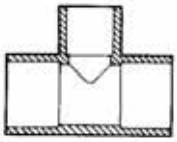
All fittings are insert

ITEM NO.	DESCRIPTION	PRICE
SFC2	2" COUPLING	$4.00
SFC3	3" COUPLING	$8.20
SFC4	4" COUPLING	$11.90
SFM2	2" MPT X INS	$3.60
SFM3	3" MPT X INS	$8.00
SFM4	4" MPT X INS	$11.30

MPT x Insert Adapter

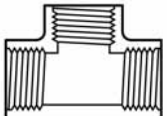
ITEM NO.	DESCRIPTION	PRICE
SFM010	1'' MPT X INSERT STEEL ADAPTER	$1.75

Red Tee Soc



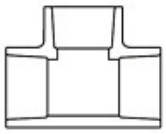
ITEM NO.	DESCRIPTION	PRICE
SPF401	1/2X3/4	$.72
SPF401	3/4X1/2"	$0.72
SPF401	3/4X1"	$1.08
SPF401	1X1/2"	$0.99
SPF401	1X3/4"	$1.08
SPF401	1X1.5"	$2.60
SPF401	1.5X3/4"	$2.30
SPF401	2X1"	$2.17
SPF401	2X3/4"	$2.17
SPF401	2X1.5"	$2.17
SPF401	3X1"	$8.45
SPF401	3X2"	$8.45
SPF401	4X2"	$12.20
SPF401	4X3"	$12.20

Tee Fpt



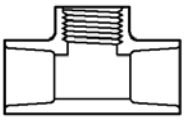
ITEM NO.	DESCRIPTION	PRICE
SPF405	½"	$1.98
SPF405	3/4"	$3.10
SPF405	1"	$3.48
SPF405	1.5"	$4.07
SPF405	2"	$5.15

Tee Soc



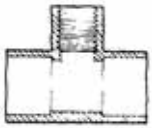
ITEM NO.	DESCRIPTION	PRICE
SPF401	½"	$0.54
SPF401	¾"	$0.62
SPF401	1"	$0.94
SPF401	1.5"	$1.46
SPF401	2"	$2.03
SPF401	3"	$7.77
SPF401	4"	$12.20

Tee Soc x Fipt



ITEM NO.	DESCRIPTION	PRICE
SPF402	½"	$0.72
SPF402	¾"	$1.11
SPF402	1"	$1.66
SPF402	1.5"	$2.80
SPF402	2"	$3.42
SPF402	3"	$11.69
SPF402	4"	$15.50

Red Tee Soc x Fipt

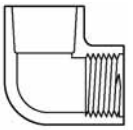


ITEM NO.	DESCRIPTION	PRICE
SPF402	3/4X1/2"	$0.95
SPF402	1X3/4"	$1.66
SPF402	1.5X1"	$2.82
SPF402248	2" X 3/4"	$3.39
SPF402	2X1"	$3.39
SPF402	2X1.5"	$3.39
SPF402430	4"X3"	$6.80

Ell Soc 90°

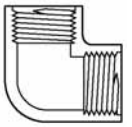
ITEM NO.	DESCRIPTION	PRICE
SPF406	½"	$0.43
SPF406	¾"	$0.48
SPF406	1"	$0.70
SPF406	1.5"	$1.10
SPF406	2"	$1.64
SPF406	3"	$5.29
SPF406	4"	$8.22

Ell Soc x Fipt 90°



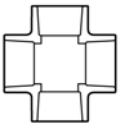
ITEM NO.	DESCRIPTION	PRICE
SPF407	½"	$.54
SPF407	¾"	$.62
SPF407	1"	$.94
SPF407	1.5"	$1.42
SPF407	2"	$3.52
SPF407	3"	$4.10
SPF407	4"	$15.17

Ell Fipt 90°



ITEM NO.	DESCRIPTION	PRICE
SPF408	½"	$1.04
SPF408	¾"	$1.55
SPF408	1"	$2.68
SPF408	1.5"	$2.97
SPF408	2"	$4.30
SPF408	3"	$5.60

Cross Soc

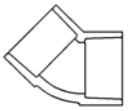


ITEM NO.	DESCRIPTION	PRICE
SPF420	½"	$1.66
SPF420	¾"	$2.76
SPF420	1"	$2.78
SPF420	1.5	$3.40
SPF420	2"	$4.79

Ell Soc x Mipt 90°

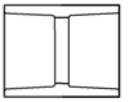
ITEM NO.	DESCRIPTION	PRICE
SPF410	½"	$0.95
SPF410	¾"	$1.10
SPF410	1"	$1.50
SPF410	1.5"	$1.80
SPF410	2"	$4.23

Ell Soc 45°



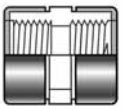
ITEM NO.	DESCRIPTION	PRICE
SPF417	½"	$0.72
SPF417	¾"	$1.10
SPF417	1."	$1.08
SPF417	1.5"	$1.55
SPF417	2"	$1.92
SPF417	3"	$6.88
SPF417	4"	$10.70

Coupling Soc



ITEM NO.	DESCRIPTION	PRICE
SPF429	½"	$0.29
SPF429	¾"	$0.39
SPF429	1"	$0.56
SPF429	1.5"	$0.67
SPF429	2"	$0.98
SPF429	3"	$3.00
SPF429	4"	$3.77

Coupling Fipt

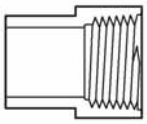


ITEM NO.	DESCRIPTION	PRICE
SPF430	½"	$0.55
SPF430	¾"	$1.02
SPF430	1"	$1.08
SPF430	1.5"	$2.59
SPF430	2"	$2.88

Red 90° Ell Soc

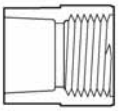
ITEM NO.	DESCRIPTION	PRICE
SPF406	.75X.5"	$0.87
SPF406	2X1.5"	$4.22

Fipt x Spig



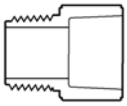
ITEM NO.	DESCRIPTION	PRICE
SPF478	½”	$.55
SPF478	¾”	$.64
SPF478	1”	$.83
SPF478	1.5”	$1.17
SPF478	2”	$1.68
SPF478	3"	$3.88
SPF478	4"	$4.75

Fipt x Soc



ITEM NO.	DESCRIPTION	PRICE
SPF435	½’	$0.48
SPF435	¾”	$0.62
SPF435	1”	$0.58
SPF435	1.5”	$0.84
SPF435	2”	$1.08
SPF435	3”	$3.24
SPF435	4”	$4.67

Fipt x Soc

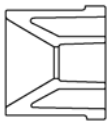


ITEM NO.	DESCRIPTION	PRICE
SPF436	½”	$0.39
SPF436	¾”	$0.43
SPF436	1”	$0.63
SPF436	1.5”	$0.84
SPF436	2”	$1.06
SPF436	3”	$4.03
SPF436	4”	$4.46
SPF436060	6’’ MPT X SOC ADAPTER	$8.00

Red Mipt x Soc

ITEM NO.	DESCRIPTION	PRICE
SPF437	1/2X3/4”	$0.78
SPF437	3/4X1/2”	$0.72
SPF437	3/4X1”	$0.90
SPF437	1X3/4”	$1.93
SPF437	1.5X2”	$2.24
SPF437	2X1.5”	$2.55
SPF437	3X4”	$5.90

Bushing Spig x Soc

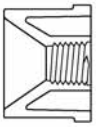


ITEM NO.	DESCRIPTION	PRICE
SPF437	3/4X1/2”	$0.45
SPF437	1X1/2”	$0.67
SPF437	1X3/4”	$0.67
SPF437	1.5X3/4”	$0.78
SPF437	1.5X1”	$0.78
SPF437	2X3/4”	$1.23
SPF437	2” X 1”	$1.23
SPF437	2X1.5”	$1.23
SPF437	3X1.5”	$2.75
SPF437	3X2”	$2.75
SPF437	3X2.5”	$2.75
SPF437	4X3”	$5.00

Cap Soc

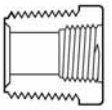
ITEM NO.	DESCRIPTION	PRICE
SPF447	½”	$0.39
SPF447	¾”	$0.45
SPF447	1”	$0.58
SPF447	1.5”	$0.73
SPF447	2”	$0.84
SPF447	3”	$2.60
SPF447	4”	$5.13

Bushing Spig x Fipt



ITEM NO.	DESCRIPTION	PRICE
SPF438	1/2”X1/4”	$0.95
SPF438	3/4X1/4”	$0.95
SPF438	3/4X1/2”	$0.72
SPF438	1X1/2”	$0.94
SPF438	1X3/4”	$0.94
SPF438	1.25X1"	$1.47
SPF438	1.5X3/4”	$1.36
SPF438	1.5X1”	$1.36
SPF438	2X.75"	$1.74
SPF438	2X1”	$1.74
SPF438	2X1.5”	$1.74
SPF438	2.5X1.5"	$2.12
SPF438	3X2”	$2.57
SPF438	3X2.5”	$2.57
SPF438	4X2”	$5.00
SPF438	4X3”	$5.00

Bushing Mipt x Fipt

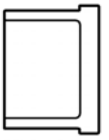


ITEM NO.	DESCRIPTION	PRICE
SPF439	1/2X1/4”	$2.05
SPF439	3/4X1/4”	$1.27
SPF439	3/4X1/2”	$1.27
SPF439	1X1/2”	$1.44
SPF439	1X3/4”	$1.44
SPF439	1.25X.5"	$2.03
SPF439	1.25X3/4”	$2.03
SPF439	1.25X1”	$2.03
SPF439	1.5X3/4	$2.12
SPF439	1.5X1”	$2.12
SPF439	1.5X1.25”	$2.12
SPF439	2X1”	$2.17
SPF439	2X1.2”	$2.17
SPF439	2X1.5”	$2.17
SPF439	2.5X2”	$7.05
SPF439	3X2”	$7.93
SPF439	3X2.5”	$7.93

Cap Fipt

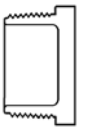
ITEM NO.	DESCRIPTION	PRICE
SPF440	½”	$0.82
SPF440	¾”	$0.95
SPF440	1”	$1.16
SPF440	1.5”	$1.18
SPF440	2”	$2.00
SPF440	3”	$3.40
SPF440	4’	$5.18

Plug Spig



ITEM NO.	DESCRIPTION	PRICE
SPF449	½”	0.95
SPF449	¾”	$1.10
SPF449	1”	$1.08
SPF449	1.5”	$1.50
SPF449	2”	$1.77
SPF449	3”	$3.55
SPF449	4”	$7.00

Plug Mipt

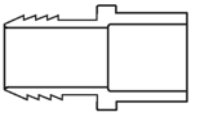


ITEM NO.	DESCRIPTION	PRICE
SPF450	½”	$1.17
SPF450	¾”	$1.26
SPF450	1”	$1.66
SPF450	1.5”	$1.54
SPF450	2”	$1.90
SPF450	3”	$3.52
SPF450	4”	$6.90

Spig x Mgt

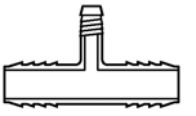
ITEM NO.	DESCRIPTION	PRICE
SPF461007	3/4” MALE ADAPTER	$.50
SPF461010	1” MALE ADAPTER	$.65
SPF461015	1.5” MALE ADAPTER	$1.17
SPF461020	2” MALE ADAPTER	$1.76

Spig x Insert



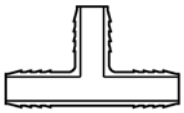
ITEM NO.	DESCRIPTION	PRICE
SPF460	1/2”	1.53
SPF460	¾”	2.00
SPF460	1”	1.70
SPF460	1.5”	1.54
SPF460	2”	2.44
SPF460	3”	7.28
SPF460	4”	7.29

Red Tee Insert



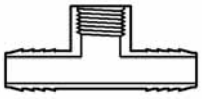
ITEM NO.	DESCRIPTION	PRICE
PIF1401	3/4X1/2”	$1.21
PIF1401	1X3/4”	$1.39
PIF1401	1.5X3/4”	$2.67
PIF1401	1.5X1’’	$2.67
PIF1401	2’’X1/2’’	$3.72
PIF1401	2’’X3/4’’	$3.81
PIF1401	2X1”	$3.76
PIF1401	2X1.5”	$3.86

Tee Insert



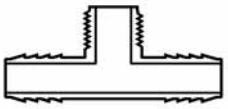
ITEM NO.	DESCRIPTION	PRICE
PIF1401	½”	$1.05
PIF1401	¾”	$1.09
PIF1401	1”	$1.34
PIF1401	1.5”	$2.03
PIF1401	2”	$3.76
PIF1401	3”	$13.75
PIF1401	4”	$41.25

Tee Insert x Fipt



ITEM NO.	DESCRIPTION	PRICE
PIF1402	3/4X1/2”	$1.35
PIF1402	1X3/4”	$1.70
PIF1402	1.5X3/4”	$3.58
PIF1402	1.5X1”	$3.58
PIF1402	2X3/4”	$4.03
PIF1402	2X1”	$4.44
PIF1402	2X1.5”	$4.65

Tee Insert x Mipt

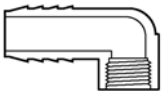


ITEM NO.	DESCRIPTION	PRICE
PIF1403	½”	$1.45
PIF1403	¾”	$1.89
PIF1403	1”	$2.32
PIF1403	1.5”	$2.86
PIF1403	2”	$4.19

90° Ell Insert

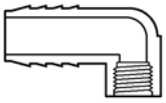
ITEM NO.	DESCRIPTION	PRICE
PIF1406	½”	$0.96
PIF1406	¾”	$1.12
PIF1406	1”	$1.18
PIF1406	1.5”	$1.33
PIF1406	2”	$1.74
PIF1406	3”	$9.85
PIF1406	4”	$23.30

90° Ell Insert x Fipt PIF



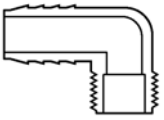
ITEM NO.	DESCRIPTION	PRICE
PIF1407	½”	$1.08
PIF1407	¾”	$1.12
PIF1407	1”	$1.37
PIF1407	1.5	$1.97
PIF1407	2”	$3.13

Red 90° Ell Insert x Fipt PIF



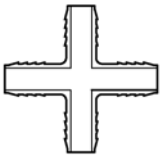
ITEM NO.	DESCRIPTION	PRICE
PIF1407	3/4X1/2”	$1.08
PIF1407	3X3/4”	$1.24
PIF1407	1.5X1”	$1.78
PIF1407	2X1.5”	$2.96

90° Ell Insert x Mipt PIF



ITEM NO.	DESCRIPTION	PRICE
PIF1413	½”	$1.21
PIF1413	¾”	$1.59
PIF1413	1”	$1.99
PIF1413	1.5”	$2.99
PIF1413	2”	$4.44

Cross Insert PIF

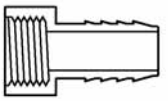


ITEM NO.	DESCRIPTION	PRICE
PIF1420	¾”	$2.63
PIF1420	1”	$3.11

Red Coupling Insert

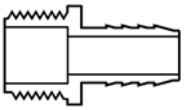
ITEM NO.	DESCRIPTION	PRICE
PIF1429	3/4"X1/2"	$0.76
PIF1429	1X3/4"	$0.76
PIF1429	1.5X1"	$1.51
PIF1429	2X1.5"	$1.78
PIF1429	3X2"	$14.15
PIF1429	4X3"	$21.90

Fipt x Insert



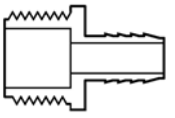
ITEM NO.	DESCRIPTION	PRICE
PIF1435	½"	$2.14
PIF1435	¾"	$2.22
PIF1435	1"	$2.34
PIF1435	1.2"	$2.73
PIF1435	1.5"	$3.11
PIF1435	2"	$4.93

Mipt x Insert



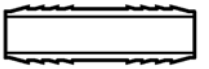
ITEM NO.	DESCRIPTION	PRICE
PIF1436	½"	$0.48
PIF1436	¾"	$0.56
PIF1436	1"	$0.56
PIF1436	1.2"	$0.83
PIF1436	1.5"	$0.83
PIF1436	2"	$1.50
PIF1436	3"	$6.88
PIF1436	4"	$9.27

Red Mipt x Insert



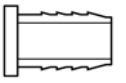
ITEM NO.	DESCRIPTION	PRICE
PIF1436	1/2X3/4"	$1.53
PIF1436	3/4"X1/2"	$1.31
PIF1436	3/4"X1"	$1.43
PIF1436	1X3/4"	$1.30
PIF1436	1X1.25"	$1.30
PIF1436	1X1.5"	$2.24
PIF1436	1.5X1"	$1.69
PIF1436	1.5X2"	$2.70
PIF1436	2X1.5"	$2.68

Coupling Insert PIF



ITEM NO.	DESCRIPTION	PRICE
PIF1429	½"	$0.48
PIF1429	¾"	$0.56
PIF1429	1"	$0.56
PIF1429	1.5"	$0.83
PIF1429	2"	$1.48
PIF1429	3"	$6.30
PIF1429	4"	$8.32

Plug Insert



ITEM NO.	DESCRIPTION	PRICE
PIF1449	½"	$0.87
PIF1449	¾"	$0.87
PIF1449	1"	$1.12
PIF1449	1.5"	$1.31
PIF1449	2"	$2.17
PIF1449	3"	$9.72
PIF1449	4"	$12.70

SCH80 Nipples Mipt x Mipt

ITEM NO.	DESCRIPTION	PRICE
S8N015C	½" X CLOSE	$0.54
S8N0152	½" X 2.5"	$0.92
S8N75	¾" X CLOSE	$0.58
S8N756	¾" X 6"	$1.87
S8N1C	1" X CLOSE	$0.61
S8N16	1" X 6"	$2.26
S8N15C	1.5" X CLOSE	$0.99
S8N156	1.5" X 6"	$2.88
S8N2C	2" X CLOSE	$1.93
S8N26	2" X 6"	$3.46
S8N3C	3" X CLOSE	$4.33
S8N38	3" X 8"	$14.00
S8N4C	4" X CLOSE	$8.00
S8N48	4" X 8"	$16.82
S8N25C	2-1/2'' X CLOSE	$4.21
S8N125	1.25"	$0.80

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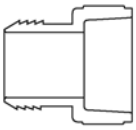
Soc x Insert



ITEM NO.	DESCRIPTION	PRICE
SPF474	½”	$1.39
SPF474	¾”	$1.67
SPF474	1”	$1.43
SPF474	1.5”	$2.06
SPF474	2”	$3.64
SPF474	3”	$9.60
SPF474	4”	$9.53

SCH40 Soc Fittings for Poly Tubing - Compression Rings

ITEM NO.	DESCRIPTION	PRICE
OTCA	½”	$0.20
OTCA	¾”	$0.33
OTCAO1	1’’	$0.72

PVC Pipe Cement

ITEM NO.	DESCRIPTION	PRICE
PVC	½ PINT	$4.52
PVC1	1 PINT	$6.67
PVC2	½ PT PRIMER	$4.76

Teflon Tape

ITEM NO.	DESCRIPTION	PRICE
TAP005	½”X520”	$0.50
TAP010	1”X520”	$1.05

1/2" Power-Loc x 3/4"

ITEM NO.	DESCRIPTION	PRICE
PL50HT	1/2’’ POWER-LOC X 3/4’’ MHT	$0.45
PL80HT	3/4’’ POWER-LOC X 3/4’’ MHT	$0.89

Power-Loc Tee

ITEM NO.	DESCRIPTION	PRICE
PL50P3T	1/2’’ POWER-LOC TEE	$1.40
PL80P3T	3/4’’ POWER-LOC TEE	$2.79

PVC Unions Soc Durable Viton Seals

ITEM NO.	DESCRIPTION	PRICE
U8S005	½”	$2.11
U8S007	¾”	$2.33
U8S010	1”	$2.78
U8S015	1.5”	$4.70
U8S020	2”	$8.97

PVC Unions Fipt Durable Viton Seals

ITEM NO.	DESCRIPTION	PRICE
U8F005	½”	$2.11
U8F007	¾”	$2.72
U8F010	1”	$4.58
U8F015	1.5”	$6.00
U8F020	2”	$8.90

Pipe Joint Compound

ITEM NO.	DESCRIPTION	PRICE
PJC05	½ PINT	$3.25

Compression Fittings

ITEM NO.	DESCRIPTION	PRICE
OTFCEC007	3/4” COMPRESSION CAP	$.79
OTFCEFCH005	1/2” COMP. AUTO FLUSH VALVE	$1.34
OTFCELL005	1/2” COMP.ELL	$0.77
OTFCT075	3/4” X 1/2”	$1.52
OTFCMA005	1/2” MPT X COMPRESSION	$.57
OTFCEC005	1/2” COMPRESSION CAP	$0.57
OTFBVC005	1/2” COMPRESSION BALL VALVE	$2.38
OTFBVC007	3/4” COMPRESSION BALL	$3.20
OTFCELL007	3/4” COMP. ELL	$1.12
OTFCC007	3/4” COMP COUPLINGS	$0.72
OTFCE007	MHT X 3/4” COMPRESSION	$0.86
OTFCHS007	FHT X 3/4” COMP	$1.65
OTFCT007	3/4” COMPRESSION TEE	$1.57
OTFCMA007	3/4” MPTX	$0.78

Power-Loc Elbow

ITEM NO.	DESCRIPTION	PRICE
PL50ELL	1/2'' POWER-LOC ELBOW	$1.10
PL80ELL	3/4'' POWER-LOC ELBOW	$1.95

Power-Loc x .400 Barb

ITEM NO.	DESCRIPTION	PRICE
PL5040B	1/2'' POWER-LOC X .400 BARB	$1.14
PL8040B	3/4'' POWER-LOC X .400 BARB	$1.14

Power-Loc x .400 Barb

ITEM NO.	DESCRIPTION	PRICE
PL50C	1/2'' POWER-LOC COUPLINGS	$0.55
PL80C	3/4'' POWER-LOC COUPLINGS	$1.15

Power-Loc to Layflat

ITEM NO.	DESCRIPTION	PRICE
PL50LF	1/2" POWER-LOC TO LAYFLAT	$1.00
PL80LF	3/4" POWER-LOC TO LAYFLAT	$1.00

Power-Loc to FHT

ITEM NO.	DESCRIPTION	PRICE
PL50PHS	1/2'' POWER-LOC TO FHT	$1.10
PL80PHS	3/4'' POWER-LOC TO FHT	$1.42

Power-Loc to Flush End

ITEM NO.	DESCRIPTION	PRICE
PL50AF	1/2'' POWER-LOC AUTO FLUSH END	$1.45
PL80AF	3/4'' POWER-LOC AUTO FLUSH END	$1.45

Ball Valve Union Fpt

ITEM NO.	DESCRIPTION	PRICE
U8FB020	2'' BALL VALVE UNION FPT	$21.46
U8FB015	1-1/2'' BALL VALVE UNION FPT	$10.00
U8FB010	1'' BALL VALVE UNION	$9.52

Fittings

Hosing and Pipe

Black Poly Pipe 160PSI

The poly pipe is used for wells, underground lines and for high pressure applications. Stocked in 100'&300' Rolls.

ITEM NO.	DESCRIPTION	PRICE
BPP07100	3/4"X100'	$30.16
BPP07300	3/4"X300'	$90.00
BPP01100	1"X100'	$40.00
BPP01300	1"X300'	$120.00
BPP01700	1-1/4"X100'	$70.00
BPP07300	1-1/4"X300'	$210.00
BPP02100	2"X100'	$196.00

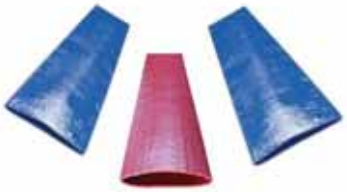
Ironside Red Layflat Discharge Hose

Ironsides is similar to Vinylflow but features high working pressure and resists kinking and twisting.

ITEM NO.	DESCRIPTION		PRICE
IRL015	1.5"X300'	150PSI	$222.00
IRL020	2"X300'	150PSI	$274.00
IRL030	3"X300'	150PSI	$532.00
IRL040	4"X300'	150PSI	$678.00

Vinyl Blue LayFlat Discharge Hose

Vinylflow is a lightweight, tough and economical water discharge hose great for running water to the field. It's used for mainlines in drip irrigation or transferring water. Hose rolls up in a nice flat coil. It is very popular because it will not rot or mildew and coils flat for storage.



ITEM NO.	DESCRIPTION		WGHT	PRICE
LAY015	1.5"X300'	80PSI	#48	$95.00
LAY020	2"X300'	80PSI	#69	$115.33
LAY030	3"X300'	70PSI	#117	$204.77
LAY040	4"X300'	70PSI	#156	$277.33

Low Pressure Poly Oval Hose

Oval Hose is a lightweight low cost tubing designed to be used for headlines and low pressure applications.

ITEM NO.	DESCRIPTION		WGHT	PRICE
FPT125	1"X250'	21PSI		$48.00
FPT106	1"X660'	42PSI	#54	$105.00
FPT1515	1.5"X150'	21PSI	#15	$40.00
FPT156	1.5"X600'	21PSI	#60	$124.00
FPT2015	2"X150'	21PSI	#24	$48.00
FPT2045	2"X450'	21PSI	#70	$134.00
FPT302	3"X200'	21PSI	#65	$138.00

Suction Hose

Tigerflex suction hose may not be the cheapest but it is a high quality hose that will not collapse. Comes on a 100' roll but we will cut to length.

ITEM NO.	DESCRIPTION	PRICE
TIG015	1 ½"	$1.75/FT
TIG020	2"	$2.45/FT
TIG030	3"	$4.85/FT
TIG040	4"	$7.75/FT

Orchard Tubing

Orchard tubing is similar to the Oval Hose but is mainly used in greenhouse applications. However, it can hold more pressure than the Oval Hose. This is a lateral distribution & supply hose for on-line drippers, weighted drip tubes, micro-sprinklers and can be used as a headline for small drip tape systems.

ITEM NO.	DESCRIPTION	WGHT	PRICE
BPT0051	½"X100'	#5	$14.00
BPT0055	½"X500'	#22	$39.00
BPT0059	½"X1000'	#44	$78.00
BPT0071	¾"X100'	#8	$18.00
BPT0075	¾"X500'	#36	$57.00
BPT0102	1"X250'	#21	$48.00

PVC SCH40 Pipe

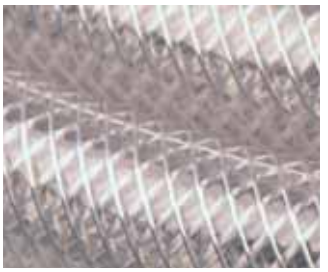
ITEM NO.	DIAMETER	PRICE
S40005	½"	$0.27/FT
S40007	¾"	$0.36/FT
S40010	1"	$0.48/FT
S40015	1.5"	$0.68/FT
S40020	2"	$0.86/FT
S40030	3"	$1.68/FT
S40040	4"	$2.25/FT

Vinyl Spaghetti Tubing

The 1/8" is used for 4 way spiders. The ¼" is used for a hook-up tube in the old style drip fittings.

ITEM NO.	DESCRIPTION		PRICE
BVT0012	1/8"X100'	#1	$5.00
BVT00121	1/8"X1000'	#9	$37.50
BVT0018	3/16"X100'	#1	$8.94
BVT00181	3/16"X1000'	#12	$109.00
BPT002	1/4" X 100'		$8.50
BPT0021	1/4'' X 1,000'		$73.67

Clear Braided Hose



Clear Braided Hose is a thick & stiff chemical resistant hose that can be used in high pressure applications and also as a light suction hose. 10% discount for a 100'roll.

ITEM NO.	DESCRIPTION		PRICE
CBH002	¼"	250PSI	$0.42/FT
CBH003	3/8"	225PSI	$0.43FT
CBH005	½"	200PSI	$0.69/FT
CBH007	¾"	150PSI	$1.12/FT
CBH010	1"	125PSI	$1.62/FT

Clear Vinyl Tubing

Clear Vinyl Tubing is common used for fertilizer injectors as is resistant to most chemicals Rated at 55PSI.

ITEM NO.	DIAMETER	PRICE
CVT002	¼"	$.14/FT

SDR Underground Pipe

ITEM NO.	DIAMETER	PRICE
S26020	2"	$0.70/FT
S26030	3"	$1.16/FT
S26040	4"	$1.67/FT

Dramm Garden Hose 3/4" x 50'

ITEM NO.	PRICE
RBRH5034	$61.64

Dramm Garden Hose 3/4" x 100'

ITEM NO.	PRICE
RBRH10034	$107.33

Dramm Garden Hose 5/8" x 50'

ITEM NO.	PRICE
RBRHS50	$43.43

Dramm Garden Hose 5/8" x 100'

ITEM NO.	PRICE
RBRHS100	$92.16

Drip Tape

Chapin A Jain Company

JAIN Irrigation Inc world leader in micro irrigation

Unlike other tapes, Chapin Tape has a unique extruded film profile with extra strength and thickness where it is needed most: the rounded tape edges that increase resistance to abrasion and insect damage.
All Chapin turbulent flow paths have larger internal dimension, providing extraordinary resistance to clogging. Chapin drip tape consistently supplies the narrowest manufacturer's variations (CVs) in the industry for unmatched uniformity.

In addition, carefully controlled lower tension winding on reels results in easier installation thanks to less retraction, kinking and snaking in the field.
With decades of proven performances, a wide variety of flow rates, wall thicknesses and outlet spacings, Chapin drip tape provides consistently outstanding performance for the most demanding applications.
Note: Remember not to lay drip tape under tension, as stretching could occur, resulting in a damaged emitter.

BRF Low & Medium Flow 6" Drip Spacing

Developed to our specifications. Longer runs and better uniformity than any other drip tape at 4” or 6” spacing!

Length of run at 0% Slope 90% uniformity
900’ 6” Low Flow
400’ 6” Med. Flow

Length of run at 3% Slope 85% uniformity
1400’ 6” Low Flo
700’ 6” Med. Flow
Made in the USA!

ITEM #	MIL	SPACING	GPM/100’	ROLL SIZE	WT.	PRICE 1-15 RLS	16+
11702220	6MIL	6”	0.50	10,000’	#70	$165.00	$163.00
CH1000	8MIL	6”	0.50	1,000’	#10	$36.00	NA
11703310	8MIL	6”	0.50	7,500’	#68	$142.00	$139.00
11703320	8MIL	8”	0.40	7,500	#68	$142.00	$139.00
11703400	8MIL	12”	0.25	7,500	#70	$142.00	$139.00
11703430	8MIL	12”	0.50	7,500’	#68	$142.00	$139.00
11704215	10MIL	6”	0.50	6,000’	#68	$142.00	$139.00
11704430	10MIL	12”	0.50	6,000	#68	$142.00	$139.00
11713140*	8MIL	4”	1.00	7,500’	#68	$152.00	$149.00
11714730*	10MIL	24”	0.30	6,000’	#68	$155.00	$150.00
11716430*	15MIL	12”	0.50	4,000’	#70	$152.00	$149.00
11713307	8MIL	8”	0.30	7,500	#68	$152.00	$149.00
11716400	15MIL	12”	0.25	4,000	#70	$152.00	$149.00

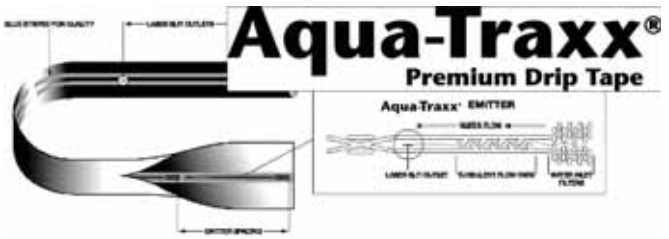
*CHAPINS DELUXE DRIP TAPE WITH CONTINUOUS FILTERING INLETS

Pressure Compensating Drip Tape

Ideal for irrigating crops in: difficult topographical conditions, i.e. multiple elevation changes in field, steep slopes, installations requiring long lateral runs. Pressure compensating chamber provides increased Emission Uniformity (EU) in just about any field because it compensates for any slight slope and/or friction loss. Multiple laser slit outlet reduces startup clogging and impedes root intrusion. 200 mesh filtration required.

10 ml 6000’	spacing/ flow	wt 65 lbs	1-9 rolls	10+
apc10	12” .45	GPM/100’	$200.00	$194.00
apc101	12” .34	GPM/100’	$200.00	$194.00
apc102	16” .25	gpm/100’	$200.00	$194.00

Aqua-Traxx



Contact us for full skid pricing: 16+ rolls
Additional sizes available. Call for pricing.

Seamless Construction.
Second to None!!

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

ITEM NO.	DESCRIPTION	PRICE
AQ10	10 MIL 6000' 12" 45 GPM	$151
AQ08	8 MIL 7500' 12" .45 GPM	$148
AQ06	6 MIL 10,000' 12" .45 GPM	$168

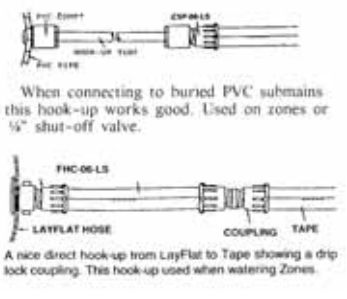
Aqualine Orchard Tubing with the Built-In Emitters

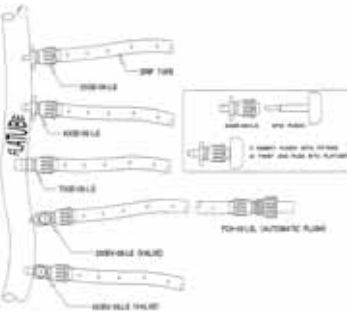
Features a unique, built-in flow regulated emitter, providing a constant discharge over a pressure range of 15-60 PSI. The emitter is inseparably welded to the inside wall of the tubing as it is extruded in the manufacturing process. Emitters are factory installed at pre-determined intervals. This one-piece 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 .53 GPH per emitter.

ITEM NO.	DESCRIPTION	PRICE
DRP1812	18 MM (½") X 1000' 12" SPACING	$160.00
DRP1818	18MM (1/2") X 1000' 18" SPACING	$135.00
DRP1824	18 MM (½") X 1000' 24" SPACING	$120.00
DRP1830	18 MM (½") X 1000' 30" SPACING	$115.00
DRP1836	18 MM (½") X 1000' 36" SPACING	$110.00

Left: Flat Tube
Right: Flat tube Layout





18mm Drip In PC™ – Maximum Recommended Dripline Length (Feet) (0.620" I.D./0.710" O.D./0.045" Wall)

Inlet Pressure	Dripper Spacing																			
	12"					18"					24"					36"				
15 PSI	271	238	213	190	157	384	336	301	270	222	488	427	382	342	281	673	589	528	473	388
25 PSI	405	354	317	284	234	573	502	450	402	331	727	637	570	510	420	1004	879	788	705	579
35 PSI	488	427	382	342	281	690	604	541	484	398	876	767	687	615	505	1210	1059	948	849	698
45 PSI	551	482	432	387	318	780	683	612	548	450	990	867	776	695	571	1367	1197	1072	959	789
Dripper Flow Rate (gph)	0.42	0.53	0.63	0.75	1.02	0.42	0.53	0.63	0.75	1.02	0.42	0.53	0.63	0.75	1.02	0.42	0.53	0.63	0.75	1.02

Barb Loss Factor (kd) 0.98 **Coefficient of variation ≤5%**

Rain-Flo 2550 & 2600 Raised Bed Mulch Layers (Series II)

Model 2550 Series 1

New for the series II layers;

Moldboards, with replaceable, reverseable shear blades, for firmer beds. Optional lower cost center of bed fillers. Highly recommended for the 2600. On demand drip roll brake that automatically lock the drip tape roll when you stop. Double drip attachment has the same features.

- 60” row centers and 50 hp FWD minimum
- Adjustable bed height 3” to 7”
- Will lay 3’ or 4’ wide plastic mulch
- Adjustable tension brake on plastic roll carriers
- Adjustable row markers
- With operator seat
- Replaceable, reversible plow shear blades
- UHMW poly lined bed press
- Bed press has adjustable side press plates for custom amount of plastic coverage
- Quality powder coated baked-on paint

Options:

- Automatic self steering Ro-trak for hill sides
- Single or double drip applicator
- Crowned bed press for level field
- Center fillers, to help fill center of bed
- 400 lb Stainless Steel ground driven fertilizer hopper
- Fumigation tank mounts with gas knives

Want to see it work before buying? Ask about our demo and rental units.

SPECS

	2500	2600
BED HEIGHT	3”-7”	5”-9”
PLASTIC WIDTH	3”-4”	3’-5’
HP REQUIRED	40-100	50-120
MACHINE WEIGHT	1575 LBS	1775 LBS

Model 2600 Series II

Why raised beds?

Earlier crops. Raised beds have warmer better drained soil. Cleaner. Crops stay off ground and are easier to pick. Prevent erosion, when layed along the contour Faster plastic removal, plastic pulled up easier. More yields, more soil around plants.

*Horse power required for the 2500 is 40HP FWD or 70 HP 2WD, laying at higher speeds with more than 100HP can damage the moldboars and main frame if you hit a rock. The horse power required or the 2600 is 50 HP FWD or 80 HP 2WD, recommended max horse power is 120 HP FWD (see above).

What is Auto Ro-Trak?

The tractor-turning, even slightly, swings the layer a bit and lays the plastic crooked and the operator has to constantly adjust the covering wheels, especially when laying on a hill. With Ro-Trak the problems are solved, the machine senses when the layer fish-tails, and automatically steers the machine straight by a cylinder mounted on the 3 point hitch and the machine. Ask about renting one to see for yourself! You’ll see and feel the difference.

Both layers feature:

- High speed dirt shields.
- Adjustable row markers
- Operator seat.
- UHMW poly lined bed press.
- Adjustable tension on plastic.
- Large independent press wheels to keep plastic in place.
- Full open back.
- Double plastic roll carrier.
- Adjustable dirt coverage
- No tool adjustments on most places.

ITEM NO.	DESCRIPTION	PRICE
RAI2400	CALL FOR MORE INFO	$2395.00
RAI2550C	SERIES II WITH AUTO RO-TRAK	$4220.00
RAI2600C	SERIES II WITH AUTO RO-TRAK	$4570.00

ITEM	PRICE
MANUAL WITHOUT AUTO RO-TRAK DEDUCT	-$600.00
DRIP ATTACHMENT	$210.00
DOUBLE DRIP ATTACHMENT	$330.00
CENTER OF BED FILLERS	$120.00
CROWNED BED	$120.00
DRY FERTILIZER HOPPER 400 LB GROUND DRIVE	$1650.00

Rain-Flo 2400 Raised Bed Mulch Layers (Series II)

- Will lay 4’ plastic, 30” bed top, with minimum 58” row spacing
- Adjustable 3” to 5” bed height
- Requires minimum 30-hp with 4-wheel drive
- 50 gal. water tank to adjust weight to mach tractor size
- Compact machine for high tunnels and small tractors
- Adjustable tension brake on plastic roll carriers
- Replaceable, reversible plow shares
- 3/8” & 1/2” UHMW poly lined bed press
- Category 1 or 2 – 3-point hitch

Options

- Optional single or double drip applicator
- Optional center fillers, for heavy soil

Pricing, see previous page

Rain-Flo Flat Bed Layer

Designed for use with compact tractors in high tunnels and fields where close spacings are desirable. Features: Crowned bed, Teflon lined bed press, adjustable tension on the plastic roll, and large independent spring loaded press wheels and cover disks are standards. Dirt shields standard on 4’ layer.

ITEM NO.		PRICE
RAI345	CALL FOR MORE INFO	$1550.00

NEW • Subsurface Drip Tape Applicator

Rain-Flo Mfg. Drip Applicators to install Drip Tape for Row Crop applications. Heavy Duty 12' wide frame, 3-row unit,

ITEM NO.	PRICE
CALL FOR MORE INFO	$4150

Nolts Compact Raised Bed Layer

RB 436 • Lays 3’ wide plastic with 4” high and 20” wide bed. 25-30 hp required
RB448 • Lay 3’ or 4’ plastic with 4’ high and 20 or 30” wide bed. 30-35 HP required.

ITEM NO.		PRICE
RB436	CALL FOR MORE INFO	$1140.00
RB448	CALL FOR MORE INFO	$1535.00

ITEM NO.		PRICE
RBA1	DRIP ATTACHMENT	$155.00
RBA2	DOUBLE DRIP ATTACHMENT	$270.00
RBA41	ADJUSTABLE ROW MARKERS	$130.00

Flatbed Mulch Bed Layers

SL4300

SL43

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 are standard. Drag can be removed for laying clear plastic on sweet corn or raised beds. Adjustable spring tension on plastic roll, 3" roller and 16" rubber tire press wheels keep plastic under consistent pressure resulting in uniform and tightly laid plastic. The cover disks are independently spring loaded and are fully adjustable. Extra roll carrier (standard) enables machine to carry two 4000' rolls of plastic film.

SL43 • Lays 3' wide plastic with 4" high and 20" wide bed. 25-30 hp required
SL54 • Lay 3' or 4' plastic with 4' high and 20 or 30" wide bed. 30-35 HP required.
SL4300 • Lays 4' or 4' plastic with drip attachment

ITEM NO.		PRICE
SL43	CALL FOR MORE INFO	$1015.00
SL54	CALL FOR MORE INFO	$1100.00
SL4300	CALL FOR MORE INFO	$1450.00
SLA1	DRIP ATTACHMENT	$144.00
SLA2	DOUBLE DRIP ATTACHMENT	$250.00
SLA4	ADJUSTABLE ROW MARKERS	$90.00
SLA3	CUSHIONED SEAT	$110.00
SLA5	FURROW OPENING DISKS*	$238.00

Mulch Plastic

Black Microembossed Film

A General purpose mulch with superior weed control and warms the soil to give plants a quick start, giving high yields in quality crops. Retains moisture and works exceptionally well in a variety of climates and soils.

- This film is hot embossed and a softer film that stretches nicely over the bed.
- A reinforced and highly durable cast embossed film.
- Blocks weeds and prevents soil coming in direct contact with fruit and green vegetable.
- Cleaner produce, which means a higher market price.
- Works exceptionally well in a variety of soil types and climates.
- This mulch is wind resistance and elastically, which makes it easier to apply and remove.

FILMTECH
Agricultural Film Division of SIGMA Plastics Group

ITEM NO.	DESCRIPTION			PRICE	16+
BEF424	4'X2400'	1MIL	#48	$66.00	$64.00
BEF44	4'X4000'	1MIL	#80	$108.00	$105.00
BEF44125	4'X4000'	1.25MIL	#98	$135.50	$132.00
BEF54	5'X4000'	1MIL	#100	$135.50	$132.00
BEF33	3'X30001	1MIL		$62.00	$60.50
BEF4242	4'X2400'	1.5MIL		$98.50	$96.00
BEF524	5'X2400'	1 MIL		$82.00	$80.00
BEF524125	5'X2400'	1.25MIL		$106.50	$105.50

Red MicroEmbossed Film

Warms soil slightly faster than black, tests show increased yields in tomato and pepper plants, with glossier fruit. Colorfast.This is a premium red film.

ITEM NO.	DESCRIPTION			PRICE
SRM4241	4'X2400'	1.25 MIL	#60	$124.00

White on Black MicroEmbossed Film

52% Reflective, Decreases soil temperature while providing a strong weed barrier. Great for heat sensitive crops.

ITEM NO.	DESCRIPTION			PRICE	16+
WB34	3'X4000'	1MIL	#60	$110.50	$108.00
WB4241	4'X2400'	1MIL	#60	$110.50	$108.00
WB44	4'X4000'	1MIL	#80	$146.50	$143.00
WB54	5'X4000'	1MIL	#96	$184.00	$179.00

Clear PhotoDegradable Film

ITEM NO.	DESCRIPTION			PRICE	20+
CP44	48"X4000'	.8MIL	#63	$96.00	$94.00
CP544	54"X4000'	.8MIL	#72	$108.00	$105.50
CP554	60"X4000'	.8MIL	#80	$120.00	$117.00

Green Embossed Film

Heats the soil faster during the day and retains more throughout the night. Use on early crops only.

ITEM NO.	DESCRIPTION			PRICE
GE34	3'X4000'	1MIL	#60	$102.50
GE4241	4'X2400'	1.25MIL	#60	$102.50
GE44	4'X4000'	1MIL	#80	$136.00

Eco-One Biodegradable Film

Biodegradable is a new and revolutionary 100% degradable film that degrades even under soil, unlike photodegradable which degrades only in sunlight. It leaves no residues or toxicities in the ground; instead it works as a natural fertilizer. Great saving on labor for lifting plastic and landfill costs. It needs to be planted on no more than 5 days after laying it. Try a roll and see for yourself.

ITEM NO.	DESCRIPTION	PRICE
ECO48	4'X8000' BLACK	$243.00

Warning: Biodegradation is influenced by climate, environmental conditions such as temperature, humidity, and microbial activity in soil. We suggest testing a roll before buying a large quantity. In no case shall our liability exceed the original cost of the film.

Clear Embossed Film

Though not as good as black for a weed barrier, the clear film will create more heat earlier.

ITEM NO.	DESCRIPTION			PRICE	16+
CE44	4'X4000'	1MIL	#80	$108.50	$106.00
CE844	4'X4000'	.8MIL	#64	$87.50	$85.00
CE854	5'X4000'	.8MIL	#100	$108.50	$106.00
CE54	5'X4000'	.8MIL	#80	$135.50	$132.00
CE62	6'X2000'	1MIL	#61	$82.00	$80.00
CE545	5'X4000'	1MIL	#100	$135.50	$132.00

Metalized Aluminum on Black

Reflective color gives insect protection. With 8" wide black Strip in center. Keeps heat reduction to minimum.

Can Be Shipped UPS		Wt Lbs	Price
SE44	4'x4000'	1.00MIL #60	$189.00

Black Photodegradable Embossed Film

A super strength embossed mulch film that has the strength of conventional film for trouble fee laying. In time with direct sun exposure however it starts breaking into small pieces and mostly disappears by the end of the season. Edges will not start to degrade until they are exposed to direct sunlight. Results may vary, no guarantee on breakup time.

ITEM NO.	DESCRIPTION	PRICE	16+
BEP44	4'X4000' 1MIL	$123.00	$120.00

Poly Expert Plastic

This item is on closeout.
While Supplies Last!

ITEM NO.	DESCRIPTION	PRICE
BE524	5'X2400' 1MIL #60	$82.00
BE62	6'X2400' 1MIL #60	$98.50

Transplanters

Water Wheel Transplanters

These water wheel planters are a no frills design for the smaller grower who doesn't need a RainFlo planter. Tank has a shut off valve that can be reached by the operators while seated. Independent flow control for each wheel. Plants one or two rows on one bed. Stainless Steel planting wheel axle. Fully adjustable seats with foot rests for operator comfort and efficiency. See the RainFlo planter page for planting wheels and spike sizes. **P850, P150 and P1500 shown left to right.**

ITEM NO.	TANK CAP.	HOLDING CAP.	WITH OPT. TOP RACK	# OF ROWS	CONNECTION	PRC.	2ND TOP RACK
P150	150 GAL	20 FLATS	26 FLATS	2	3 POINT	$1625.00	$81.00
P1500	150 GAL	20 FLATS	26 FLATS	2	COMBINATION	$1885.00	$61.00

RainFlo TM 1600 Series II Water Wheel Planter

The Model 1600 Series II is a transplanter for setting plugs, pots, or bare roots through plastic mulch.

Up to four rows can be planted at a time with two or four people. Growers get nearly 100% stands with this method of planting and there is no need to check the plants after planting. Planter wheel will float on uneven beds and plant raised or flat beds.

The 1600 planter will hold 18 trays (25 with optional top rack). Four slant racks are self feeding, and two large 80 gallon tanks with flow control that can be controlled by the planters. Fully adjustable seats offer comfort while planting. Category 2 three point hitch is standard.

Compare these features before you buy!

- Galvanized metal trays (no more rust).
- Split tank design that the tractor operator can see the row and communicate with the planters.
- Higher water capcity (160 gallons total)
- Quick change wheel setup
- Extra wide row width capacity – can plant on 5' plastic.
- Less operator fatigue with one of the lowest seat designs of all planters available
- Lifetime warranty on UHMW planting wheel bearings
- No tools seat adjustment (leg room and foot rest adjustment and seat height and side adjustment)
- Full open back, no bars to step across when changing the planting wheels.
- Side valve for washing hands, etc. Higher flow 1" water valve necessary for 4 rows
- Larger tires with highway bearings
- Optional side ladder for greater ease of refilling water tanks.

ITEM NO.		PRICE
1100	3-POINT PLANTER W/ ONE PL. WHEEL	$2250.00
1200	3-POINT & TRAILER COMBO PLANTER WITH ONE PLANTING WHEEL	$1785

Options

ITEM NO.	PRICE
TOP TRAY	$110.00
SIDE LADDER	$75.00
EXTRA SEATS WITH EXTRA SHELF EACH	$220.00
PLANTING WHEELS: 12, 15, 18, 24, 30, 36, 48" AND CUSTOM SIZE. STANDARD SPIKE IS C	$135.00
ADD $30.00 IF NOT SPIKE C	
SMALLER THAN 12" SPACING ADD $45.00	

Super Wheels with Snap on Spikes

ITEM NO.	PRICE
24" WHEEL WILL PLANT 8" 16" 22" 28" 40" 77"	$135
26" WHEEL WILL PLANT 6" 12" 17" 31" 45" 86"	$135
30" WHEEL WILL PLANT 10" 19' 27" 35" 51" 98"	$135

Lawn, Garden, and Orchard Sprayer

IVA high pressure sprayers are the industry standard to crop sprayers. Built tough for long term usability and reliable service. Orchard sprayers are avaiable as 3PT, Trailer, and Cart sprayers.

Sprayers can be custom built to your specifications. Due to the many variable options you can order we list here only some of the options available for each customizable category. Please contact us for more info.

Frame Options:

• 3PT Cat#1, 85 Gal	$540
• 3PT Cat#1, 25 Gal	$425
• Trailer 85 Gal	$440
• Cart 25 Gal	$375

Pump Options:

• 9gpm @ 500psi PTO mount	$675
• 7.4gpm @500psi BS engine	$1050
• 755 Ace centrifugal	$455
• 6500N roller 100psi PTO	$360
• 4.8gpm @ 50psi 12V	$220
• 2.2gpm @ 50psi 12V	$160

Spray Gun - Hose:

• Arag spray gun	$80
• AA43 - 18" pistol grip	$105
• Crop Care hose reel	$190

Booms:

• 15' Single	$595
• 20' manual folding	$245
• 12' manual folding	$200

Nozzles:

• QJ300 no drip	$25
• 2-side boomless	$110

Boom Control:

• 4-section boom control	$140
• 2-section boom control	105
• 1 section boom control	$90

12V Unit:

• 15 gal spot sprayer	$225
• 25 gal spot sprayer	$240
• 15 gal unit applicator	$275
• wheelbarrow cart	$195

Please call us to inquire about more options and features on the IVA sprayers!

Field & Pasture Sprayer

IVA high pressure sprayers are the industry standard to crop sprayers. Built tough for long term usability and reliable service. Orchard sprayers are avaiable as 3PT, and Trailer sprayers.

Sprayers can be custom built to your specifications. Due to the many variable options you can order, we list here only some of the options available for each customizable category. Please contact us for more info.

Frame Options:

• 3PT Cat#2, 110 Gal	$915
• 3PT Cat#2, 300 Gal	$1125
• Trailer 200 Gal	$1600
• Trailer 750 Gal	$6550

Pump Options:

• Hypro 7 roller 12gpm 100psi	$340
• Hypro 5 roller 21gpm 100psi	$890
• Ace 75series centrifugal	$680
• Ace 150series centrifugal	$1260

Booms:

• 28' manual folding	$365
• 45' manual folding, hyd level	$1125
• 60' hyd folding, air ride susp.	$6900

Nozzles:

• QJ300 no drip	$25
• Quad body	$12

Control:

• 3-section	$275
• Remcor electric	$830
• Crop Care electric	$2040
• Microtrak auto control	$4080

Accessories:

• Chemical induction	$470
• 55 gal rinse tank	$450
• 2" quick fill	$150
• Road lights	$240
• Field & Road lights	$370

Guidance:

• 2.5 gal foam marker	$530
• 12 gal foam marker	$800
• TopCon GX45(guidance only)	$3140

Produce Sprayers

IVA high pressure sprayers are the industry standard to crop sprayers. Built tough for long term usability and reliable service. Orchard sprayers are avaiable as 3PT, and Trailer sprayers.

Sprayers can be custom built to your specifications. Due to the many variable options you can order, we list here only some of the options available for each customizable category. Please contact us for more info.

Frame Options:

• 3PT 150 Gal	$995
• 3PT 300 Gal	$1600
• Trailer 300 Gal	$1650
• 750 Gal Crop Care	$6550

Pump CDS John Blue - Diaphragm:

• 19.3gpm @ 218psi	$850
• 33.2gpm @ 218psi	$1250
• 18.5gpm @ 580psi	$1040
• 39.2gpm @ 725psi	$2125

Booms:

• 20' manual folding	$970
• 45' manual folding	$3530
• 70' hyd folding, air ride susp.	$7750

Nozzles:

• QJ300 no drip	$25
• 364 Quad body	$12

Control:

• 3-section manual	$275
• 2-section manual	$225
• Crop Care electric	$2310
• Microtrak auto control	$5010

Accessories:

• Chemical induction	$470
• 55 gal rinse tank	$450
• 2" quick fill	$150
• Road lights	$240
• Field & Road lights	$370
• 5 gal foam marker	$715
• Drop tubes 30"	$65
• Drop tubes 50"	$90

Single Row Applicator

ITEM NO.	PRICE
SUPSA1	$508.44

Electric Sprayers

All units feature:
A high quality chemical resistant Shur-Flo 12 volt pump with an automatic shut off at 90 PSI. 15' Hose with TeeJet spray gun and an adjustable swivel nozzle, stream to mist.

Spray Caddie

Often used in greenhouses for spraying, this battery powered unit runs up to 18 hours on a single charge. Has a 6 gallon tank and mounted on a two wheeled cart with 10" wheels. Charger included.

ITEM NO.	PRICE
SUP5	$289.00

Surflow Pump 12V

ITEM NO.	PRICE
SHUPUM	$90.67

Solo Backpack Sprayer

The solo 425 Backpack Sprayers are ideal for use on large jobs. The lightweight design and effortless piston pumping system will ensure maximum user efficiency and reduced fatigue. The solo" 475 Backpack Sprayers are ideal for use with abrasive materials that are not completely soluble.

ITEM NO.	PRICE
SOL425	$89.00

Solo Sprayer Valve Repair Kit

ITEM NO.	PRICE
SOL061	$8.50

Solo Sprayer Piston

ITEM NO.	PRICE
SOL062	$14.43

Neptune Super

The NEPTUNE SUPER knapsack sprayer
is a professional device for the application of liquid agents that provide plants with protection from diseases, weeds or pests in orchards, decorative and plant nurseries, forest plantations and in all other large-scale gardening and agriculture cultivations. The NEPTUNE SUPER is convenient to use and ergonomic. It is user friendly due to, among other things, a number of features making work more efficient and easier, e.g. it can be operated either with the right or the left hand (the pump). Comfort at work is additionally provided by the tank's thermal insulation from the back and the possibility of individual adjustment of the height of tank suspension. All NEPTUNE SUPER components are made of highly durable and chemically resistant materials. The unique design of the sprayer and the pump unit hidden inside it guarantee safety and constant pressure in the lance, necessary for jobs which require a very precise spraying stream. The NEPTUNE SUPERtank of 15 liter capacity does not have any opening below the level of the working liquid which results in it being 100 percent leak-proof. The Neptune has a 1.2m long telescopic lance. The standard kit includes a set of spare parts and a herbicidal nozzle.

ITEM NO.	PRICE
KWANEP	$110.00

Orion Super

ORION SUPER constitute a series of very practical, professional and reliable compression sprayers, with a tank capacity ranging from 3.0L to 12.0L. These durable, multi-purpose garden sprayers turn out to be perfect for plant protection and tending. They are ideal for orchards, horticulture, including greenhouse cultivation, decorative plant nurseries, forest plantations and other nurseries. They are mainly earmarked for the application of liquid agents, including foliage fertilizers and soluble substances providing plant protection from diseases, weeds or pests. All components of the ORION SUPER - series sprayers are made of highly durable and chemically resistant materials. The sprayers are equipped with a safety valve which protects against explosion. High-quality seals and a tank-stabilizing base (a ring) additionally increase safety. ORIONS SUPER are equipped with telescopic lances with smooth adjustment of the length (in the range from 0.6 to 1.2m), carrying straps with a shoulder pad, and a funnel with strainer for convenient pouring of chemical agents. A volume scale on the tank enables precise measurement of liquids used.

ITEM NO.	PRICE
KWAORION	$62.00

Neptune El Super

The NEPTUNE EL SUPER electric (battery-operated) knapsack sprayer, has a tank capacity of 15 liters, and is used for spraying of all kinds of agricultural and horticultural cultivations with diluted liquid concentrates. It has been created for the most demanding users and for precise applications, thanks to the use of an electric pump.

The NEPTUNE EL SUPER is a professional sprayer earmarked for plant protection and tending, in particular in closed facilities (e.g. under covers and in greenhouses) as well as for doing time consuming jobs in orchards, vegetable gardens, decorative plant nurseries and forest plantations and in all kinds of other cultivations. It is earmarked for the application of liquid agents and soluble substances providing plants protection from diseases, weeds or pests.

The NEPTUNE EL SUPER sprayers are particularly quiet and efficient. They are equipped with a 12V D.C. electric motor of 36W output, a pump of 1.0L/min capacity and a rechargeable gel battery of 7.2Ah capacity. One battery charge enables approx. 150 liters of liquid to be sprayed out. A visual indicator displays low charge of the battery.

The NEPTUNE EL SUPER sprayers are equipped with a 1.2m long telescopic lance, an overflow valve protecting the pump from overloading and an additional protection device preventing accidental switching on during transportation or storage. The standard kit includes a set of spare parts and a battery charger. It is possible to connect additional elements of specialist equipment to the NEPTUNE EL SUPER.

The NEPTUNE EL SUPER is widely used for jobs in which fault-free operation and efficiency are indispensable.

ITEM NO.	PRICE
KWANEPE	$325.00

Venus Super

The VENUS SUPER family of manual sprayers is a series of small devices, ranging from 1.0L to 2.0L, earmarked for use at home, on the balcony, allotment or garden. They are easy to use, very efficient and their high quality guarantees fault-free operation. They are perfectly suitable for ordinary jobs, e.g. for tending indoor plants, spraying, foliar fertilizing, for making leaves luster, etc.

ITEM NO.	PRICE
KWAVEN	$26.00

Accessories for Kwazar Sprayers

Various additional accessories* connected to the sprayer shorten working time, improve work efficiency and make work easier and more comfortable.

Herbicide Shield

ITEM NO.	PRICE
KWAHERSHE	$10.00

Telescopic Lance

3m (690-6315-00-0080)
5m (690-6315-00-0090)

ITEM NO.	PRICE
KWATELLAN	$65.00

Three Nozzle Lance

ITEM NO.	PRICE
KWA3NLAN	$29.12

Ask about other attachments

Nozzle Banana Boom

ITEM NO.	PRICE
KWABANBO	$26.00

Triggerjet Gun for Caddy Sprayer

ITEM NO.	PRICE
TRGU	$16.00

Nozzles for Sprayer

ITEM NO.	DESCRIPTION	PRICE
KWANOZ3	Kwazar XR Fine Fan Tip (green)	$4.75
KWANOZ2	Kwazar XR Very Coarse Fan Tip (white)	$4.75
KWANOZ1	Kwazar XR Medium Fan Tip (blue)	$4.75

Conveyors

Conveyor

Aluminum Harvesting Conveyor

Aluminum conveyor is designed for harvesting vegetables including: melons, sweet corn, pumpkins, broccoli, cabbage and cauliflower.

- Great for packing in bins, boxes or loose on the wagon. Mounts left or right and anywhere from front to rear of a regular farm wagon.
- Stand is 16" high and sits on one edge of the wagon. Opposite end clamps to wagon with two adjustable chains & C-clamp.
- 3.5' long fiberglass receiving and grading table.
- ¾" PVC cleats on belt. Belt travels approximately 50' per minute.
- UHMW conveyor bottom for extended belt life.
- Easily put on or taken off in minutes.
- Includes two 20' long 3/8" hydraulic hoses and a low speed, high torque hydraulic motor.
- Painted aluminum side prevents discoloration of produce upon contact with side.
- Optional: Drop lid: removable lid allows produce to fall directly into crates, bins or boxes.
- Gasoline engine: for use with horse drawn wagons or where no hydraulic is available.

Please note: there is a 5% crating & handling charge if shipped. May not be in stock all the time…please call before picking up. Don't forget – you need a track row every eight rows of produce.

ITEM NO.	DESCRIPTION	PRICE
AHC28	28' STANDARD ALUMINUM CONVEYOR WITH HYDRAULIC MOTOR #200	$1820.00
AHC280	28' STANDARD ALUMINUM CONVEYOR WITH 6:1 ROBINS ENGINE #260	$1998.00
AHC50	DROP LID INSTALLED ON NEW CONVEYORS	$100.00
AHC55	30" ADJUSTABLE EXTENSION LEGS	$106.00

24" 4 Unit Packing Line

Receiver Belt Conveyor, Washer Brusher w/Electric Motor, Sponge Water Absorber Repolisher, & 5' Rotary Table.

Excellent choice for growers that pack a variety of fruits or vegetables. It washes, brushes and drys or dry brushes the produce. It can then be easily sorted off the Rotary Packing table. This line is powered with an electric motor on the Washer Brusher and Rotary Table.

Total length of this 4 Unit Line 16 ft 7 in. All Lines can be powered with: Electric Motor, Gas Engine, or Hydraulic Motor.

Receiver Belt Conveyor

Smooth White rubber conveyor belt that feeds produce into the Washer (Brusher). It's usually powered by the washer but it can also be powered with it's own variable speed gear motor. It works well with any produce that is not odd shaped or oblong. Standard Length is 4'. Recommended length if a Bindumper is used is 5 or 6 FT. long. Standard belt height is 32" to 38". 24" width; 130LB.

4ft Receiver Brusher

This unit can be used instead of the Receiver belt but not with it. It should be used for odd shaped or hard to clean crops. It can be used with or without water. It has 13 Nylon brushes, 3 ½" Diameter. They come with soft or stiffer bristles. It is powered off the washer only.
# of nozzles: 16"=4, 24"=6, 32"=8, 40"=10
Standard w. UHMW Bushings or optional sealed ball bearings.

Overhead Brush

12" soft spiral wound brush to be installed in most high top washers. One or two can be installed in one unit, in the input or output end of the washer. It helps keep a more steady flow and the 4-1/2" long bristles reach into cracks, bell ends, &narrow ends of odd shaped or large produce. Good for; squash,cantaloupes,gourds, turnips, potatoes, cucumbers, & many other crops. It also does a great job at polishing ; apples, pears, peaches, tomatoes, peppers, & more.

4ft Receiver Brusher

Comes with 10 Nylon brushes 3 ½" diameter with either soft or stiff bristles on plastic core. Washes & brushes, or dry brushes the produce. It is totally enclosed with metal top & rubber side flaps. The standard washer has 8" overhead clearance. Water pan to catch water or dust has 2" MPT drain spout. The brusher is available with UHMW. Self lubricated plastic bushings or sealed ball bearings for longer wear and heavier use. An electric motor;gas engine; hydraulic motor; or even and air motor can be used to power this unit and most of or complete packing line.

# of nozzles standard in 10Brush washer.

16"W	24"W	32"W	40"W
4Noz.	6Noz	8Noz	12Noz

Gal. Per Min at 40 PSI.

2 Gal.	3 Gal.	4 Gal.	6 Gal.

Unit is 38" long

14 Brush & 20 Brush Units are also available.

10 Brush-slinger

10 Rows of 3½" Diameter nylon brushes. Available with soft or coarse bristles. Has 3/8" Flipper-bars beneath the brushes to sling the water out of the brushes. It will not remove the amount of water that the latex foam will remove but it is good for things like squash, cantaloupes, & more. You can also add the 10 Brush-slinger to get more brushing area. It is powered off the washer motor. Has UHMW self lubricated bushings or optional ball bearings. Total length 38"

Absorber-Repolisher

7 Rows of low RPM squeeze dried 4" Latex sponge rolls & Four 3½" Diameter nylon brushes at the end. Foam sponges remove enough water from the produce to keep it from getting streaky. The additional 4 brushes are to add more shine to the produce. Produce dried on foam sponges tend to look dull or smudged. High speed brushes polish it to bring back the shiny appearance. The unit is powered off the washer motor. Has UHMW self lubricated bushings or optional ball bearings.
Total length 46.5"

Double Length Absorber-Repolisher

Same as the above Absorber-repolisher except that it has 14 Rolls of sponges and 4 Rolls of brushes to help remove more of the moisture.

Side Conveyor

This conveyor replaces the side chute in the belt sizers. It keeps the produce moving out in a steady flow which reduces jams & bruises under the sizer belt. Produce can be packed directly in shipping boxes or rolled out onto a side packing table. Conveyor is 10" wide x 4' long. First conveyor in a series of side conveyors gets a 1/3 Hp. Gearmotor.

Side Packing Table

25" x 36" slanted table to place at side discharge of the sizers. Table top and the sides are 1/2" White HDEP Poly. Has spring loaded lid on the bottom to fill boxes.
Weighs 30 Lbs.

Picking Basket Washer

5/8 Bu. Basket washer; 3Hp 220V 1ph motor; 4 Nozzles = 1,000 PSI 4gpm
For Cleaning 5/8Bu Baskets after Using

Sizing Units

New Square hole belts Provide higher sizing accuracy. Rubber sizing belt with round punched holes, padded rollers, padded side chute or powered side conveyor, New push-up rollers to eliminate cutting. Hole diameter every 1/8" from 2 to 3 -1/4in. several sizes available outside that range. Standard for tomatoes ; Smalls 2-7/8" Large 3-1/4". Units can be powered by previous unit or optional gearmotor. Gear motor makes it easy to move out of the line without removing any; bolts, shields, or chains.
Length 32" Side discharge 27" to 33" high.

Hex Chain Sizing Units

Ensure better accuracy when sizing Tomatoes, Potatoes, Onions, Apples, Oranges, Etc. Rubber coated chains mark the tomatoes less than Punched belts
Push-Up Rollers Eliminate Cutting
Length = 40"

5ft Rotary Packing Table

5' Diameter White Plastic top, 2" padded sides, moves produce around to packers. Table speed 2½ Rpm. Powered by Gearmotor or optional belt drive.

25 Bushel Bin Dumper

This unit dumps 25Bu. Or smaller bins of produce onto the receiver belt conveyor or into the water dump tank. It handles bins 54" long x 48" wide & 27½" to 38½" high. It features hydraulic bin adjustment, adjustable produce flow, 3-way loading & adjustable dump hight. 2-stage hydraulic pump powered by 1½ Hp 220V. Electric motor (motor included) (10' ceiling hight required to dump bin) Weight is 1300Lbs.

Equipment	16"	24"	32"	40"
4' Receiver Belt (Std. Speed)	$400.00	$436.00	$498.00	$607.00
4' Reciever Belt (Low RPM)	$487.00	$488.00	$598.00	$714.00
10 Brush Washer - Electric Motor	$1269.00	$1452.00	$1828.00	$2467.00
12 Brush Washer - Electric Motor	$1446.00	$1787.00	$2187.00	$2813.00
14 Brush Washer - Electric Motor	$1953.00	$2213.00	$2813.00	$3499.00
10 Brush Washer - No Motor, 1 Top Brush	$1100.00	$1506.00	$1888.00	$2539.00
14 Brush Washer - No Motor, 2 Top Brush	$1783.00	$2077.00	$2595.00	$3275.00
Absorber - 7 Sponges & 1 Brush	$754.00	$839.00	$995.00	$1188.00
Absorber Repolisher - 7 Sponges & 4 Brush	$862.00	$977.00	$1142.00	$1400.00
Absorber Repolisher - Double Length	$1286.00	$1690.00	$1914.00	$2203.00
10 Brush Slinger	$863.00	$1061.00	$1268.00	$1705.00
5' Roller Inspection Conveyor	$764.00	$816.00	$865.00	$1041.00
Rotary Table 5'	$710.00	$710.00	$710.00	$710.00

Note: All conveyor and packing items are not stocked and must be custom ordered. Items can be custom built to meet your specific application. Please ask about custom options and features. We have many more options that are too many to list.

4 Brush Corn De-Silker

Feed Ears of Corn Through the Unit to remove the silk.
1 Person DeSilking can Keep 10 people busy husking.

Stainless Steel Swirl Finished
Power: 110V AC
Dimensions: 31” x 8.5” x 24”
Weight: 73 LB.

ITEM NO.	PRICE

PLEASCE CALL US FOR MORE INFO AND PRICING

Mulch Lifters

Rain-Flo Challenger 1800 Mulch Lifter

Standard Lifter – Auto-Reset Lifter

After your vegetable crop is over, the Challenger is designed to retrieve the plastic mulch to the surface of the ground. Will lift any plastic 36” to 60” with fast and easy adjustments. Lifting plows use standard Case IH 18” deep suck shears. To keep from clogging, the machine has three spring loaded trash and vine cutting disks and depth control wheels for constant depth control. Durable construction with 5/8” shear bolts (Auto reset is optional and recommended for rocky fields). This year, hitch to a Challenger and let it do the work!

Call us about renting one before buying to see for yourself.

- Approximate tractor size: 55 to 100 hp
- Will lift plastics from 3 ft to 5 ft wide with fast and easy adjustments
- Has two spring loaded trash and vine cutting disks
- Removable center disc to cut plastic in middle
- Heavy shanks have 5/8” safety shear bolts. Auto-reset is optional

The Challenger is built to last and make your job easier.

ITEM NO.	DESCRIPTION		PRICE
STANDARD	1800 LIFTER	#820	$1950.00
AUTO-RESET	1800 LIFTER	#1045	$2500.00
REPLACEMENT SHEARS			$50.00 EA

Plastic Mulch Wrapper & Spool

24’ wide reel holds up to 1200’ of plastic and drip tape. The hydraulic control valve controls reel speed and also has a relief valve for safety. The reel has a removable end plate. Simply flip two levers and pull off the end plate. The center rods are cone shaped making the plastic easy to remove by hand. Cat #1 three point hitch. Also available on adaptor plate to connect the wrapper to a skid-loader equipped with universal quick attach.

ITEM NO.		PRICE
LIF20	MODEL 200	$950.00
LIF250	WRAPPER WITH STAND-ON PLATFORM	$1125.00
LIF250-10	REUSABLE SPOOLS	$40.50

Bird Scare Balloons

Elevate at least 2' above your crop and rotate colors for best results.

ITEM NO.	DESCRIPTION	PRICE
BC10	BLACK	$8.05
BC11	YELLOW	$8.05
BC12	WHITE	$8.05

ZON LP Gas Cannon

Scare Gun Standard with regulator to install on propane tank, precise valve for fine regulation of gas flow.

ITEM NO.	DESCRIPTION	PRICE
ZON100	#21	$250.00

Programmable Timer

Timer programmable for automatic starts and stops each day. Uses 1AA battery.

ITEM NO.	PRICE
ZON1080 #1	$106.99

ZON Rotating Tripod

Rotating Tripod (pictured above) allows zon gun to rotate 60' with eacn detonation. Birds are not so apt to ignore it, and noise will carry further.

ITEM NO.	PRICE
ZON10913	$114.00

ZON Tripod Extension Kit

2' Tripod Extension Kit

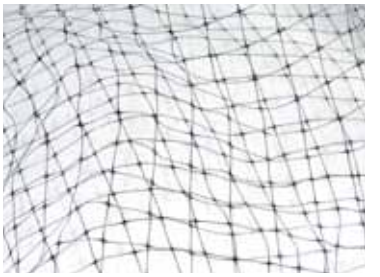
ITEM NO.	PRICE
ZON110	$24.00

Bird Scare Tape

Red/Silver with a noisy crackle.

ITEM NO.	PRICE
BC5012	$6.95

Mesh Bird Netting 14W & 42W



ITEM NO.	DESCRIPTION	PRICE
BRDNT14	14'W 3/4" X 3/4" MESH BIRD NET	$.89/FT
BRDNT42	42 W 3/4' X 3/4" MESH BIRD NET	$.26/FT

Ken-Bar Heat Mats

Made by Ken-Bar, these heat mats are low cost, durable, flexible, and performance-wise the system is better than conventional sources of electrical bottom heat. Ken-Bar uses Thin Film Technology, which creates the most electrically efficient heat element on the market today. Heat is generated by electric current flowing through the black bars which are resistive/conductive material. Spaced close together and zigzagged, these bars emit a virtually continuous heat pattern. Studies show an even bottom temperature gets better germination and a better developed plant.

ITEM NO.		PRICE
AT10	11" WIDE X 10' LONG HEAT MAT	$61.50
AT04	11" WIDE X 4' LONG HEAT MAT	$32.00
ATT22	WEATHER PROOF CONTROLLER, HAS ONE PLUG THROUGH CORD AND DIAL ADJUSTING THERMOSTAT. CONTROLS UP TO 80' OF TAPE 13 AMP RATED.	$95.63
ATJR	AGRITAPE JUNIOR CONTROLLER MADE BY KEN-BAR CONTROLS UP TO 80' OF TAPE. 13 AMP RATED.	$122.00
AT01	"HEAVY DUTY CONTROLLER WITH "ON" LIGHT. CONTROLS UP TO 120' OF TAPE. 20 AMP RATED.	$133.34

Heavy Duty Square Tomato Cages

13-1/4" x 13- 7/8" x 40" high. 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 & stability. Designed to go into soil 10", (up to first cross piece). Wire diameter: .205" Legs, .16" crosspieces.

ITEM NO.	PRICE
TC13	$8.10

Tomato Stake Twiner Wrapper

ITEM NO.	PRICE
TSTW	$10.00

Ultra Heavy Duty Twine

TW10 • Has 11,000' on a 10lb ball. Mainly used in greenhouses of multi-season.

TW3• 3lb Tomato Twine 6300 ft. Quality #2100 white twine box has a belt loop.

ITEM NO.	DESCRIPTION	PRICE	CS
TW10	WHITE	$21.50	$20.50
TW3		$7.50	$6.75

Heavy Duty Collapsible Tomato Cages

A 14"x 40" or 14"x48" tomato cage that folds twice for a very small compact size for very easy storage. They can be double stacked for additional height. The metal is a .143 guage galvanized steel cage. It has 8 upright supports that insert into the ground for stability. A good sturdy cage for the price.

ITEM NO.	DESCRIPTION	PRICE
TC40	14"X40" SQ COLLAPSIBLE TOMATO CAGE	$4.38
TC48	14"X48" SQ COLLAPSIBLE TOMATO CAGE	$5.38

Tomato Cages

Heavy Duty 36" High. Top ring is 16' in diameter. Bottom ring is 13" in diameter.

ITEM NO.	PRICE	100+
TC36	$4.40	$4.10

Treated Honduras Pine Stakes

This Quality stake can be used or several seasons. 1” x1” 25/Bundle 1400/skid unless noted. 1.25”x1.25” • 1050/skid

ITEM NO.	DESCRIPTION	PRICE	56 BD+
TS148	48”	$12.75	$12.25
TS154	54”	$17.00	$16.50
TS160	60”	$18.50	$18.00
TS1725	72”	$33.00	$32.25

Untreated Wood Stakes

This Quality stake can be used or several seasons. 1” x1” 25/Bundle 1400/skid unless noted.
1.25”x1.25” • 1,050/skid 1¾”x1” 21750/skid

ITEM NO.			PRICE	48 BD+
WHITE OAK				
TS36	36”	1”X1” 25/BUNDLE	$11.50	$11.00
TS48	48”	1”X1” 25/BUNDLE	$13.50	$13.00
TS60	60”	1”X1” 25/BUNDLE	$16.25	$15.75
TS72	72”	1”X1” 25/BUNDLE	$20.00	$19.50
TS84	84”	1”X1” 25/BUNDLE	$22.75	$22.50

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. Black PVC Vine Clips

ITEM NO.	DESCRIPTION	PRICE
PVC08	1000CT	$14.85
PVC081	4500CT	$44.50

Stake Driver

ITEM NO.	DESCRIPTION	PRICE
TSD1	5/8” HANDLE, 2” PIPE	$26.50

Alliance Premium Rubber Bands Grade A

ITEM NO.				PRICE
BAN1R	4.5X3/16	200	CAULIFLOWER	$4.40/LB
BAN1G*	4.5X3/16	200	CAULIFLOWER	$4.40/LB
BAN1Y*	4.5X3/16	200	CAULIFLOWER	$4.40/LB
BAN1B*	4.5X3/16	200	CAULIFLOWER	$4.40/LB
BAN63	3X1/4	380	BEETS	$4.40/LB
BAN62	2.5X1/4	450	ASPARAGUS, BROC.	$4.40/LB
BAN33	3.5X1/8	600	ALL PURPOSE	$4.40/LB
BAN32	3X1/8	700	INDIAN CORN	$4.40/LB
BAN30	2X1/8	1150	INDIAN FINGERS	$4.40/LB
BAN16	2.5X1/16	1800	ONIONS, RADISH	$4.40/LB
BAN14	2X1/16	3000	RADISH	$4.40/LB
BAN31- 2.5’’ X 1/8’’, 850/LB.				$4.40/LB

25LB BOX $4.05 @LB

We also have Blue, Red, Green and Yellow Cauliflower bands in 1/8" instead of 3/16" for an economical, all purpose, rubber band.

Florist Foil

ITEM NO.	DESCRIPTION	PRICE
CFFB	CRYSTAL BLUE FLORIST FOIL	$5.00
CFFN	NAVY FLORIST FOIL	$5.00
CFFC	CRANBERRY FLORIST FOIL	$5.00
CFFA	AZALEA FLORIST FOIL	$5.00
CFFF	FLAMING FUSIA FLORIST FOIL	$5.00
CFFOT	OCEANIC TEAL FLORIST FOIL	$5.00
CFFSA	SAGE FLORIST FOIL	$5.00
CFFMA	MALLARD FLORIST FOIL	$5.00
CFFE	EMERALD FLORIST FOIL	$5.00
CFFSI	SILVER FLORIST FOIL	$5.00
CFFG	GOLD FLORIST FOIL	$5.00
CFL	LAVENDER FLORIST FOIL	$5.00

Handi-Reach Waterer

Manufactured by DRAMM, these handles are inexpensive yet a great watering time saver.

ITEM NO.	DESCRIPTION	PRICE
GGA24	24" LONG	$7.50
GGA36	36" LONG	$8.00
GGA48	48" LONG	$8.70
GGA360	36" CURVED	$8.90

Wonder Waterer

ITEM NO.	PRICE
WW3	$29.00

Face Plate

ITEM NO.	DESCRIPTION	PRICE
WW31	FACE PLATE	$6.35

Filter Screen and Case

ITEM NO.	DESCRIPTION	PRICE
WW32	FILTER SCREEN	$2.25
WW33	FILTER CASE	$3.20

Fogg-it Nozzle

Made of durable bronze, this nozzles gives a fine mist for delicate stock.

ITEM NO.	DESCRIPTION	PRICE
GGA292	1 GPM	$7.25

Dramm One Touch Valve

The One TouchTM Valve offers thumb-tip control of your water flow. Extremely easy to use, the One Touch can be adjusted from off to full flow and anywhere in between with thumb-tip precision.

ITEM NO.	PRICE
GGA26	$10.53

Dramm Water Timer

ColorStorm™ Water Timer
Mechanical water timer
Turns water off automatically
Up to 120 minutes
Lifetime guarantee

ITEM NO.	PRICE
GGA25	$10.12

Dramm Revolver

Revolver™ Nine spray patterns
Quick-click pattern changing
Ergonomic insulated grip
Heavy-duty construction
Lifetime guarantee

ITEM NO.	PRICE
GGA250	$7.23

Dramm Metal Fan Nozzle

Fan Nozzle
Heavy duty metal
Ergonomic insulated grip
Lifetime guarantee

ITEM NO.	PRICE
GGA260	$6.21

Water Breakers

ABS plastic body with a stainless steel face plate. The 400 is for fast watering, drenching, etc. The 1000 has a soft pattern yet waters faster than the Wonder Waterer.

ITEM NO.	DESCRIPTION	PRICE
WW1000	REDHEAD	$9.75
WW750	LEMONHEAD	$9.75
WW400	BLUEHEAD	$4.45
WW10001	ORANGEHEAD	$9.75
	Ultra soft spray like Redhead but with a wider pattern.	

Small Water Breaker

ITEM NO.	PRICE
170PL	$3.97

Tie Wire Twister

ITEM NO.	PRICE
SKU148	$5.50

Touch-n-Flow Valve

This shut off valve is a squeeze valve rather than a turn valve and is a great time and water waver.

ITEM NO.	PRICE
GHF777	$8.35

Shrink Wrap

Exceptional Strength and Super stretch retention.

ITEM NO.	DESCRIPTION	PRICE	4+
SF5	5”X1500’	$3.57	
SF16	16”X1500’	$12.75	$12.00

Plastic Thermometer

ITEM NO.	PRICE
MPSPT	$4.00

Winmore Packing Tape

ITEM NO.	DESCRIPTION	PRICE	66+
TAP020	2”X330’ CLEAR	$2.25	$2.03

Camlock Fittings

Camlock Fittings

ITEM NO.	DESCRIPTION	PRICE
QCD010	1’’ PART D ALUMINUM CAMLOCK	$6.10
QCF010X1	1’’ PART F ALUMINUM CAMLOCK	$3.60

ITEM NO.	DESCRIPTION	PRICE
QCPB007	3/4’’ PART B POLY CAMLOCK	$5.00
QCPF007	3/4’’ PART F POLY CAMLOCK	$2.50

Part A

ITEM NO.		PRICE
QCA015	1.5” ALUM	$3.40
QCPA015	1.5” POLY	$3.30
QCA020	2” ALUM	$4.10
QCPA020	2” POLY	$3.90
QCA030	3” ALUM	$7.30
QCPA030	3” POLY	$7.10
QCA040	4” ALUM	$12.60

Part B

ITEM NO.		PRICE
QCB015	1.5” ALUM	$7.50
QCPB015	1.5” POLY	$8.50
QCB020	2” ALUM	$9.50
QCPB020	2” POLY	$10.30
QCB030	3” ALUM	$15.00
QCPB030	3” POLY	$15.80
QCB040	4” ALUM	$19.20

Part C

ITEM NO.		PRICE
QCC015	1.5” ALUM	$6.30
QCPC015	1.5” POLY	$7.30
QCC020	2” ALUM	$7.90
QCPC020	2” POLY	$8.70
QCC030	3” ALUM	$13.20
QCPC030	3” POLY	$13.40
QCC040	4” ALUM	$19.70

Part DC

ITEM NO.		PRICE
QCDC015	1.5” ALUM	$6.70
QCPDC015	1.5” POLY	$8.10
QCDC020	2” ALUM	$8.10
QCPDC020	2” POLY	$10.00
QCDC030	3” ALUM	$12.60
QCPDC030	3” POLY	$14.70
QCDC040	4” ALUM	$17.60

Part D

ITEM NO.		PRICE
QCD015	1.5” ALUM	$7.70
QCPD015	1.5” POLY	$8.80
QCD020	2” ALUM	$9.70
QCPD020	2” POLY	$10.10
QCD030	3” ALUM	$14.30
QCPD030	3” POLY	$15.80
QCD040	4” ALUM	$21.00

Part E

ITEM NO.		PRICE
QCE015	1.5” ALUM	$3.20
QCPE015	1.5” POLY	$2.90
QCE020	2” ALUM	$4.20
QCPE020	2” POLY	$3.00
QCE030	3” ALUM	$8.80
QCPE030	3” POLY	$5.80
QCE040	4” ALUM	$13.10

Part F

ITEM NO.		PRICE
QCF015	1.5” ALUM	$3.70
QCPF015	1.5” POLY	$2.90
QCF020	2” ALUM	$4.90
QCPF020	2” POLY	$3.10
QCF030	3” ALUM	$9.30
QCPF030	3” POLY	$6.70
QCF040	4” ALUM	$14.40

Part DP

ITEM NO.		PRICE
QCDP015	1.5” ALUM	$2.80
QCPDP015	1.5” POLY	$2.50
QCDP020	2” ALUM	$3.60
QCPDP020	2” POLY	$3.20
QCDP030	3” ALUM	$6.00
QCPDP030	3” POLY	$6.10
QCDP040	4” ALUM	$10.10

QCG Rubber Gaskets

ITEM NO.	DESCRIPTION	PRICE
QCG015	1.5”	$0.65
QCG020	2”	$0.65
QCG030	3”	$0.90
QCG040	4”	$1.40

18" Bamboo Stakes

ITEM NO.	DESCRIPTION	PRICE
BS1201	12” SPLIT STAKES 1000/BUNDLE	$18.56
BS1801	18” BAMBOO STAKES, 1000/BDL.	$29.43

Watermelon Stickers / 1000/roll

ITEM NO.	DESCRIPTION	PRICE
WL2	YELLOW SEEDLESS LABELS	$17.50
WL3	SANGRIA LABELS	$17.50
WL4	RED SEEDLESS LABELS	$17.50

Power Twist V-Belts

Can be made up to the required length by hand, in seconds. Twist lock design lessens vibration.

ITEM NO.	DESCRIPTION	PRICE
PTB	21/32X6’	$10.25/FT
TYPE B BELT, NOW SELLING BY THE FOOT.		

Wooden Trellis

Made from durable treated pine. 25/bundle. Top width 8”

ITEM NO.	DESCRIPTION	PRICE
WT18	18” LONG	$26.80
WT24	24” LONG	$28.80
WT30	30” LONG	$30.00
WT36	36” LONG	$33.00

Wire Ties 1000/Bundle

ITEM NO.	PRICE
BT176	$13.33

Hand Planter

Plant seeds through plastic mulch. Can be used to plant: Beans, Pumpkins, Squash, Cucumbers, Zucchini, & Sweet Peppers

ITEM NO.	PRICE
MSG01	$54.00

Bulb Planter

Hand planter to plant almost anything. Works good to plant pots thru plastic.

ITEM NO.	PRICE
MGS02	$12.50

Row Marking Flags

4”x5” White flag on 30” wire; 100 count

ITEM NO.	PRICE
FLG3045W 1	$12.43

Blue Sticky Traps

ITEM NO.	DESCRIPTION	PRICE
PT2	3”X5” • 15CT	$8.93

Yellow Sticky Traps

ITEM NO.	DESCRIPTION	PRICE
PT24	3”X5” • 24 CT	$17.80

Handheld Counter

Keep track of what you are counting up to 9,999.

ITEM NO.	PRICE
CO0	$14.50

Basemount Counter

ITEM NO.	PRICE
C01	$11.69

Plastic Tree Tags

ITEM NO.	DESCRIPTION		PRICE
PTL06	7X5/8”	1000/ROLL	$19.80

Al's Flower Pouches

Mini-pouch
- Designed for many of the Western growers who use 15” shipping carts
- Great to use as herb gardens, vegetable gardens (Sweet 100 tomatoes, lettuce, etc)

5-Slit:
- Designed for larger or premium plugs ie. New Guinea Impatiens, Ivy Geraniums, Purple Wave, etc.

10 slit:
- Our most popular size
- Saves time for the grower
- Allows for great coverage

ITEM NO.	DESCRIPTION	PRICE	250+
AFP1	10 SLIT	$0.63	$0.57
AFP5	5 SLIT	$0.63	$0.57
AFP6	6 SLIT	$0.63	$0.57

Heavy Duty Nebo Hoe

ITEM NO.	PRICE
HDH	$25.00

Clip-Its

Clip these handy clip its onto your shade cloth and run rope through them to keep your shade cloth on your greenhouse.

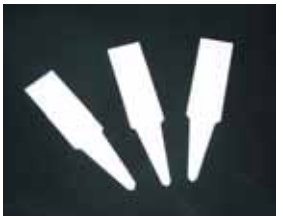
ITEM NO.	PRICE
GSC10	$0.26

Bags

ITEM NO.	DESCRIPTION		PRICE/CS
BAG1	HEAVY DUTY SMILEY BAG	350/CS	$20.00

Plastic Plant Labels

white plastic



ITEM NO.	DESCRIPTION		PRICE
PPL045	4.5X1”	1000/ROLL	$14.35
PPL04	4X5/8”	1000/BOX	$19.90
PPL05	5X5/8”	1000/BOX	$23.35
PPL06	6X5/8”	1000/BOX	$26.00

Wood Plant Labels

plain wood

ITEM NO.	DESCRIPTION		PRICE
WPL08	8X1.2”	500/BOX	$38.00
WPL12	10X1.2”	100/BOX	$17.80

Black Permanent Markers

Works well with pot and basket tags Medium Tip

ITEM NO.		PRICE	12+
GGA3000	SHARPIE FINE POINT	$0.99	$1.08
GGA3	GARDEN MARKER FADE RESIST	$1.85	NA

Extension Hangers

Heavy Duty “S” Hooks 1-3/8” Hooks at both ends. 25 per bundle

ITEM NO.		PRICE
S06	6”	$4.45
S12	12”	$5.43
S15	15”	$5.93
S18	18”	$6.38
S24	24”	$7.43
S30	30”	$8.40
S36	36”	$9.38

Black Knitted Shade Cloth

DeWitt’s knitted shade cloth is made from 100% UV stabilized polyethylene. Its unique lock stitch construction allows customers the ability to cut the fabric with scissors without further unraveling. Knitted shade is available in a variety of colors and stripes. Its lightweight and durability make it a superior choice for all types of shade applications.

DeWitt Custom Woven Shade Cloth

Made from 100% polypropylene monofilament strands. UV stabilized. DeWitt’s sewing team can customize panels to any size. They use #4 brass grommets and 2.75” reinforcement tape. The taped edges are double stitched for extra holding power. Available in shade percentage: 30%, 74%, 55%, 63%, 73%, & 80%. Standard seams are 6’, 10’ & 12’ and any can be seamed and/or cut to make your custom width. Call 717.532.5918 for a quote. Please specify length, width, shade percentage, and grommet spacing. Allow several weeks lead time. $325+ Orders shipped free freight.

Material can be easily cut with household scissors. Clip-Its to hold material supplies at no extra charge along edges.8’ spacing. Shipping Wt 40 Lbs/100’. Please call with size before picking up to allow us time to cut and bundle it.

ITEM NO.	DESCRIPTION		PRICE	95’+
GSC12	12’ WIDE	80% SHADE	$2.20	$2.00
GSC26	26’ WIDE	50% SHADE	$3.30	$2.95
GSC34	32’ WIDE	50% SHADE	$4.30	$3.85

12 Volt Sealed Battery

ITEM NO.	PRICE
MK12	$23.33

Siren

ITEM NO.	DESCRIPTION	PRICE
GEA301	SIREN 115 DECIBELS	$17.00

Bell

ITEM NO.	DESCRIPTION	PRICE
GEA303	BELL 78 DECIBELS	$14.40

High Low Temp. Alert

Set your desired temperature limits between -30 to 130 degrees No magnetic switch. Metal contacts close normally and open when triggered. For 6 to 12 volt use only. No relay needed.

ITEM NO.	PRICE
SEN022	$43.00

Spash Guard Goggles

ITEM NO.	PRICE
SAF15	$3.65

Tyvek Coveralls

Extra heavy duty, white, hooded

ITEM NO.	DESCRIPTION	PRICE
TCG0	LARGE	$9.60
TCG1	XLARGE	$9.60

Latex Gloves

ITEM NO.	DESCRIPTION	PRICE
SAF5L	LARGE	$7.50
SAFXL	XLARGE	$7.50

4" Bulk Nylon Cable Ties

ITEM NO.	DESCRIPTION	PRICE
NCT04	4” BULK NYLON CABLE TIES	$2.50
NC508	8” BULK NYLON CABLE TIES	$4.50
NCT11	11” BULK NYLON CABLE TIES	$9.00

Nitrite Coated Mesh Picking Gloves

Nitrile coated, mesh glove for a multitude of chores. One size fits all. Economically priced. Mesh back for less perspiration. A glove for picking produce, pulling weeds, log splitting, and much, much more.

ITEM NO.	PRICE
SAF10	$1.63

12" Rubber PVC Gloves

ITEM NO.	DESCRIPTION	PRICE
SAF12	COTTON LINED, LATEX GLOVES	$2.80/PR

Vapor Respirator

ITEM NO.	DESCRIPTION	PRICE
M8000	DUAL CARTRIDGE RESPIRATOR	$36.90

Double Aluminum Base

ITEM NO.	DESCRIPTION	PRICE	12+
GFA108	8’ DOUBLE ALUM. BASE	$14.00	$13.28

4' - Zig-Zag Wire 50/bundle

ITEM NO.	PRICE	50+
GFA104	$.80	$.72

Super Clamps

Fits Layflat hose

ITEM NO.	DESCRIPTION	PRICE
SUPCLL015	1.5”	$2.50
SUPCLL020	2”	$3.20
SUPCLL030	3”	$5.76
SUPCLL040	4"	$6.93

Suction Hose Clamps

ITEM NO.	DESCRIPTION	PRICE
SUPCLS015	1.5”	$2.50
SUPCLS020	2”	$3.20
SUPCLS030	3”	$4.25
SUPCLS040	4”	$4.75

Roll Lock

Fastens to baseboard and securely holds plastic when rolled down for an air tight SEAL. 8’ long.

ITEM NO.	PRICE
GFA5RL	$22.40

Universal Spring Lock

Similar to wirelock base but has a lip for polycarbonate. Roll-Bar Cap. Clasps single or double layer of poly to 1-3/8” pipe for roll-up sides.

ITEM NO.	DESCRIPTION	PRICE
GFA112	12’ ALUM.	$16.00

Galvanized Square Tubing

An excellent way to make endwalls, benches, or doors. A 1.5”x1.5” square galvanized tube in 8’, 12’ and 16’ sections. We have angle brackets to attach the square tubing to the bows or to each other. Stronger than aluminum for a stronger endwall or bench.

ITEM NO.	DESCRIPTION	PRICE
SQT8	8’ SQUARE TUBING	$12.49
SQT12	12’ SQUARE TUBING	$17.51
SQT16	16’ SQUARE TUBING	$22.71

Hose Clamps

A quality USA made screw driver clamp. Clamps are all stainless steel construction, no metal screw to rust. Heavy 1/2” band. 5/16” hex head with slot for flat screwdriver. 10 Clamps / box.

ITEM NO.	DESCRIPTION	PRICE
SSC005	½”	$6.50
SSC007	¾”	$6.50
SSC010	1”	$6.50
SSC015	1.5”	$7.00
SSC020	2”	$7.00
SSC030	3”	$10.50
SS040	4”	$11.50

High Wheel Cultivator

Solid oak: includes:
5 tine cultivator, moldboard plow & twin end plow.

ITEM NO.	PRICE
ERT6500W	$98.00

Fertilizer Applicator

ITEM NO.	PRICE
ERT002	$47.00

Garden Seeder

The ever popular seeder is used by home gardeners and produce growers, perfect seed spacing…easy to use…and best of all. Affordable! Includes 6 seed plates; corn, peas, beans, radish, carrots, and beets.

Six Plates include with Seeder: Sweet Corn, Peas, Beans, Radish, Carrots, Beets.

ITEM NO.	PRICE
ERT001	$87.00

Cultivator Hoe

Optional weed slicing hoe for High Wheel Cultivator

ITEM NO.	PRICE
ERT60132	$18.00

Handheld Agent Spreader

Canvas bag with zippered top, adjustable rate settings. Great for seed or fertilizer spreading.

ITEM NO.	PRICE
ERT2700A	$35.50

Garden Seeder Plate Storage Case

ITEM NO.	DESCRIPTION	PRICE
ERT45	SEED PLATE STORAGE CASE	$16.90
ERT06	STANDARD 6 SEED PLATES	$19.40
ERT05	OPTIONAL SEED PLATES (5)*	$18.75
ERT04	SWEET CORN	$5.80
ERT09	CABBAGE	$5.80
ERT10	CARROTS TURNIPS, LETTUCE	$5.80
ERT14	BEANS, SMALL PEAS	$5.80
ERT18	PEAS, EARLY JUNE PEAS	$5.80
ERT22	BEETS & SWISS CHARD	$5.80
ERT26	CUCUMBERS	$5.80
ERT29	POPCORN SEED PLATE	$5.80
ERT27	LIMA BEAN SEED PLATE	$5.80
ERT24	CAULIFLOWER-BROC. SEED PLATE	$5.80

Vegetable Seed Planter

A custom built vacuum vegetable seed planter. Vaccuum planters are more accurate in seed placing resulting in a better plant coverage. Give us a call for more information

ITEM NO.	PRICE
VEGETABLE SEED PLANTER	CALL FOR PRICE

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Supply Order Form (Fax or Mail)

Martin's Produce Supplies
627 Britton Road
Shippensburg PA 17257-9322

1.888.381.8641
717.532.5918
fax 717.532.5872

Name:_____ Order Date __/__/20__

Address:_____
City/State/Zip:_____
Phone # (____)_____

Method of Payment: ☐ Check enclosed ☐ Credit Card

Card #_____
Exp.____/_____ Security Code (back of card)____

Shipping date: ☐ ASAP ☐ Specific Date _____/_____ ☐ I will pickup: ____/____

Shipping Preference: ☐ Most economical ☐ US Mail ☐ Motor Freight ☐ Liftgate
☐ FedEx ☐ UPS carrier:_____

Please specify your preference of Motor Freight carrier and if you need liftgate service. If none is specifed we will try to find the most economical for you.

Qty.	Item #	Description/Size/Color	Price	Amount
			Subtotal	
			Discount	
			Shipping	
			Total	

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Shipping Preference: ☐ Most economical ☐ US Mail ☐ Motor Freight ☐ Liftgate
☐ FedEx ☐ UPS carrier:_____

Please specify your preference of Motor Freight carrier and if you need liftgate service. If none is specifed we will try to find the most economical for you.

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			Subtotal	
			Discount	
			Shipping	
			Total	

Bringing you the best
in greenhouse and produce supplies!

Martin's
PRODUCE SUPPLIES

627 Britton Road
Shippensburg PA 17257