MARTIN'S PRODUCE SUPPLIES

GREENHOUSE
BUYER'S GUIDE 2022

MartinsProduceSupplies.com

717-532-5918
888-381-8641

EARLY ORDER DISCOUNTS

8% cash discount on orders from Oct 1 - Nov 14, 2021
John Deere Credit Net 180 Oct 1 - Nov 14, 2021
4% discount on orders from Nov 15 - 30, 2022
3% discount on orders from Dec 1 - 31, 2022

Dear friends, family and customers,
We want to take a moment to sincerely thank you from our family to your family for purchasing from us in the past as well as in the future. We appreciate that you order from a family owned and operated business where everyone is not afraid to get their hands dirty and everyone works together with one goal in mind and that is to have our customer's happy, satisfied and going home with an encouraged, uplifted spirit, unlike the huge companies where you talk to a robot which does not have any warm, fuzzy feelings about you. In this catalog we strive to have the best products that are out there. We are always listening to our customer's recommendations and suggestions for new products, so do not hesitate to ask us for any new products that you think we should check into. We trust customer recommended product more than we trust a salesman recommended product. If you don't see a specific product that you are looking for feel free to give us a call we may be able to special order the product or we may have it in stock. So again we thank you from the bottom of our hearts for your patronage and we hope that if you never worked with us that you come home and give us an opportunity. Every day we admire your God given talents at growing flowers or produce and we want to support you in any way we can. May God bless your year!
The MPS family

Hours of Operation

Weekdays
Year round
7:00 AM - 5:00 PM
Mon - Fri

Sunday & Saturday Hours
Closed

Payment Terms

We offer credit cards, debit cards, COD, check in advance, John Deere Financing, or Farm Credit Express.

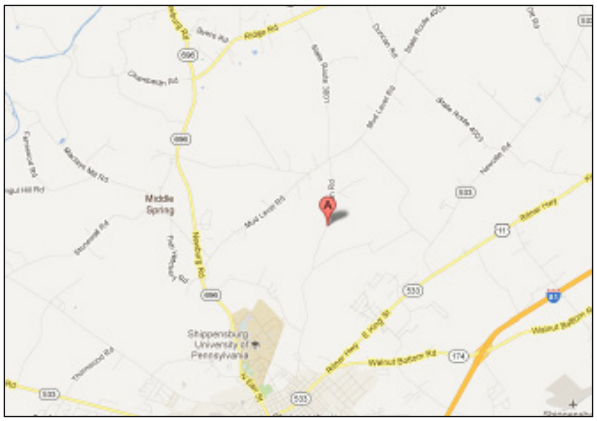
FARM CREDIT EXPRESS

Why Use Farm Credit Express?
Easy, on-the-spot financing
Allows you to take advantage of cash discounts from manufacturer for new equipment
Used equipment programs
Decisions within minutes
Fixed rate loan products
Leasing options
Service and support from a local lender
The opportunity to share in our profit-sharing patronage program

Major Credit Cards Accepted

MasterCard VISA DISCOVER AMERICAN EXPRESS

Location & Directions



From I-81
Take exit 29 for PA-174/King St - 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.

Holiday Observance

Closed the following holidays:

- New Years - January 1
- Good Friday - April 15
- Ascension Day - May 26
- Labor Day - September 5
- Thanksgiving - November 24
- Christmas - December 25

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

Competitive Shipping Rates

FedEx Ground

ups

If you need a specific shipping carrier,
Please call us to arrange shipping.
When shipping LTL Motor Freight, we broker with various shipping carriers to find you the best possible rates.

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

Returns policy: Salable products in their original packaging may be returned with permission. (10% 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.

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2021 Sales Finance Program

Low cash or no cash? Now is the perfect time to purchase supplies, with the best deals of the season with your **Multi-Use Account** by John Deere Financial. Put your purchasing power to work at Martin's Produce Supplies. We've got everything you need to keep your business moving forward.

Program	Program Period	Minimum Initial Purchase
No-Payments / No-Interest for 180 Days	October 1, 2021 - October 29, 2021	$500

Program Requirements

To take advantage of this great offer, you must have a Multi-Use Account. You can call 1-800-433-8964 to request a credit limit increase on your Multi-Use Account.

How to Apply

If you don't have an account, don't worry. John Deere Financial gives you easy ways to apply:

- Online at **JohnDeereFinancial.com/MultiUseApply**
- Call 1-800-433-8964 to have an application mailed to you

For more information, contact Martin's Supply at 717-532-5918.

[1]Offer valid on qualifying purchases made between October 1, 2021 to October 29, 2021 and is subject to approved credit on a Multi-Use Account, a service of John Deere Financial, f.s.b. For agricultural/commercial use only. After the promotional period, interest charges will begin to accrue at the regular Multi-Use Account rate. $500 minimum purchase required. Available at participating merchants, see your local merchant for complete details.

CR0316098 in Litho U.S.A. (19-09)

RIMOL Greenhouse Systems, Inc.

Rimol Greenhouses

We stock Rimol Greenhouses. No waiting, no special order cost, or extra shipping cost.

- **Need a custom sizes or certain specification? Please give us a call!**
- **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.

Bobcat Series • 16' Greenhouse

The Bobcat is an affordable greenhouse designed for the small or beginner farmer, ideally to grow vegetables year round. Named for the highly-adaptable feline hunter native to the woods of North America, this customizable 16-foot wide, gothic-shaped high tunnel is available in several lengths up to 96' long, and is highly compatible with several options and upgrades to adapt to your exact growing requirements. Featuring durable components and simple construction, the Bobcat provides the perfect environment for your crops, all year long.

Features & Benefits

- A strong, well-built high tunnel at an affordable price
- Super easy to construct with a simple design and quality components
- The bows are two pieces connected together with a sturdy ridge connector
- Single ridge purlin with wind bracing adds necessary rigidity to the structure
- Ground posts include a driver to easily secure structure into the ground for superior holding power
- Extra sidewall height for efficient crop production

Base Package

- Available in 3 different lengths (please, no special requests for other sizes).
- Gothic shaped greenhouse with 4 ft. bow spacing, one ridge purlin and wind bracing
- Steel is 1.315 OD, 17 ga.
- Ground posts are 1.66 OD, 14 ga. 4 ft. long and are driven into the ground 2 ft. with a ground post driver that is supplied with the frame
- Sidewall height is around 5 ft. before the curve begins. Peak height is around 11 ft.
- Straps are included to attach a baseboard to the frame
- Very resilient to wind and snow
- Super easy and quick to assemble

ITEM #	DESCRIPTION
16' WIDE BOBCAT SERIES	24' Plastic Width

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 #	DESCRIPTION
18' WIDE EASTPOINT SERIES	32' Plastic Width
20' WIDE EASTPOINT SERIES	32' Plastic Width

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 #	DESCRIPTION
22' WIDE NORTHPOINT SERIES	36' Plastic Width
26' WIDE NORTHPOINT SERIES	40' Plastic Width

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 #	DESCRIPTION
30' WIDE NOR' EASTER SERIES	48' Plastic Width
34' WIDE NOR' EASTER SERIES	50' Plastic Width

Polycarbonate Doors

The top half of the door is tempered glass.

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

Style #1- Heavy Duty Polycarbonate Doors
Heavy duty polycarbonate door with steel square tubing 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, for a retail store, this is a very good door. Door size is 4'W x 7'H in a single or double door.

ITEM #	DESCRIPTION
48" X 84" SINGLE	
48" X 84" DOUBLE	

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 #	DESCRIPTION
BEIWDOOR	39.5" x 76" or 80" Single

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 #	DESCRIPTION
BEIGR8X7DOOR	4' x 7.5' Double Sliding Door
BEIGR6X8DOOR	6' x 8' Double Sliding Door

Beiler Greenhouse Kits

We are now handling Beiler's 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 #	DESCRIPTION
20' WIDE	4’ Bow Spacing, 3 Runs of Purlins, 1 5/8” 15 ga. Bows
24' WIDE	4’ Bow Spacing, 3 Runs of Purlins, 2” 13 ga. Bows
26' WIDE	4’ Bow Spacing, 3 Runs of Purlins, 2” 13 ga. Bows
30' WIDE	4’ Bow Spacing, 5 Runs of Purlins, 2” 13 ga. Bows
32' WIDE	4’ Bow Spacing, 5 Runs of Purlins, 2” 13 ga. Bows
30' WIDE	5’ Bow Spacing, 3 Runs of Purlins, 2 3/8” 14 ga. Bows
32' WIDE	5’ Bow Spacing, 5 Runs of Purlins, 2 3/8” 14 ga. Bows
34' WIDE	5’ Bow Spacing, 5 Runs of Purlins, 2 3/8” 14 ga. Bows
SUPER HEAVY DUTY	
30' WIDE	4’ Bow Spacing, 3 Runs of Purlins, 2 3/8” 14 ga. Bows
32' WIDE	4’ Bow Spacing, 5 Runs of Purlins, 2 3/8” 14 ga. Bows
34' WIDE	4’ Bow Spacing, 5 Runs of Purlins, 2 3/8” 14 ga. Bows

Low Tunnels

Need a high tunnel but do not have the space or money to put one up? Consider a low tunnel that is 40" wide and 48" high. It has all the same benefits of growing in a high tunnel, but on a smaller scale. You pick your length and we can put a kit together for you. Comes with ground stakes, 1/2" galvanized hoops, 4-year 6 mil. plastic or a 1 year 2+mil. 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. Can also use row cover for frost protection or bird netting for pest protection. Consider adding an irrigation system to your low tunnel with overhead irrigation or use drip tape.

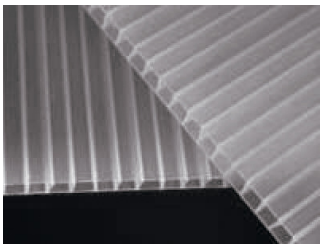
Hobby Greenhouse

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 #	DESCRIPTION
RIM610	6' x 10'
RIM810	8' x 10'
RIM812	8' x 12'
RIM816	8' x 16'

Greenhouse Accessories



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. Only pay for exactly what you need.

ITEM #	DESCRIPTION
POL842	4' Wide • 8mm
POL868	8' Long • 6' Wide • 8mm
POL8612	12' Long • 6' Wide • 8mm
POL8616	16' Long • 6' Wide • 8mm

Roll Bar Cap

Fasten with tek screws. Roll bar cap is designed to fasten to a purlin pipe with the plastic clinched between the cap and pipe for the roll up sides. Roll-Bar Cap. Clasps single or double layer of poly to 1-3/8” pipe for roll-up sides.

ITEM #	DESCRIPTION
GFA4RBC	8' Lengths

Hanging Basket System

Especially designed for hanging crops suspended above another crop as a second cultivation layer or hanging from the ceiling of the processing area, the Hanging Basket System of Metazet FormFlex is an excellent choice.

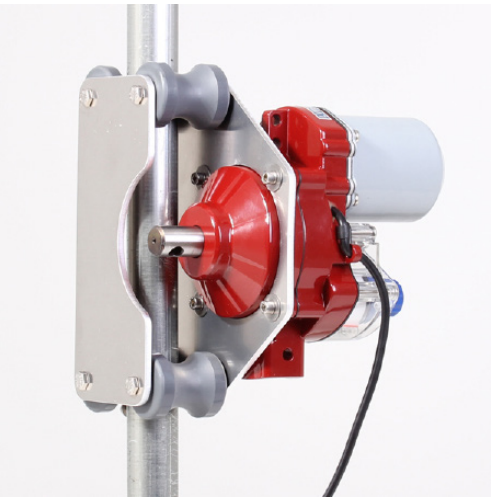
The Hanging Basket system can be fitted in nearly any existing or new greenhouse with options to be custom-made to suit your specific needs and preferences. This includes, for instance, the distance between plants, the number of loops in a greenhouse section, the track length and the working height of the harvesting track.

Metazet FormFlex will design the Hanging Basket System entirely based on your ideas and conditions. This system allows the user to hang, fertilize, pinch or inspect hanging baskets at ground level. You simply hang your baskets on each hanger at ground level and the chain in the track will take the baskets up to your truss brace height. Whenever you want to work with your baskets you drop the rail and start the motor and all the baskets will rotate on the track coming down from ceiling height and dropping to ground level for you to do what you wish with it. It can be set up for watering all of your hanging baskets as well.

Benefits and possibilities

Depending on the number of turns, only a single motor unit is needed to control more than 300 meter track. The track can be built in many different ways, with both inside and outside turns. The wear-resistant, durable track guides enclosing the chain make this a very safe and reliable system. Because it is possible to lower the track when it is working, all the work on this second cultivation layer can be done in one place. This leads to increased safety for people and crop as well as a considerable reduction in labor. Nearly all pot sizes can be hung in the Hanging Basket system, so that plants can be in different stages of development. It is of course possible to suspend the plants at several heights in the track using extension hooks. Our extensive control unit is easy to install and makes it possible to water the plants automatically. To save costs, this system has been designed in such a way that you can install it yourself.

ITEM #	DESCRIPTION
HANGING BASKET SYSTEM	Custom built hanging basket system



Greenhouse Curtain Motor

Single output, low voltage, DC motor

The LVM60 Greenhouse Curtain Motor comes complete with the guide wheel set and has been specially designed to meet the demands of greenhouses. These compact and lightweight motors are able to take your ventilation to a more efficient operation.

You can automate your curtain ventilation by using one of our environmental controllers or use interface boxes to connect to your existing ventilation system.

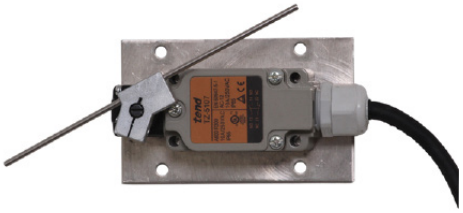
Features:

- 4 Year Limited Warranty
- Innovative low-bind guide wheels for longer motor life
- U.S. based tech support and repair options at 1-877-546-2257
- Innovative roll bar adapter system for multiple roll bar adapters
- Easy access limit switches (directional limits)
- Interchangeable guide wheel assembly to change left or right output
- Compact, quiet, and light weight

Motor Specifications: 24 VDC, 60 NM, 3A, 72 W, 2.7 RPM, 40 Rev, 0.78" (20mm) OD output shaft

****The LVM60 Greenhouse Curtain Motor is designed to lift up to a 1250 sq. ft. single bar curtain or up to a 625 sq. ft. double bar curtain****

ITEM #	DESCRIPTION
GFA5LVM60	24V DC Roll Up Motor Operator w/Guide Wheels



Limit Switch

Required for all Roll Lock Curtain and Rack and Pinion installations.

Required to override motor's down Limit Switch when using Roll Lock.

Compensates for poly shrinkage and/or expansion.

ITEM #	DESCRIPTION
GFA5LVML	Limit Switch Assembly for Auto Roll Up

AegisTEC Greenhouse Controller

The AegisTEC Greenhouse Controller gives you the power to reliably automate your greenhouse. Get the peace of mind and energy savings of our integrated and easily expandable master controller system. Put your temperature, humidity, rain and wind control on autopilot so you can get back to doing what you do best. No more manual cranking or manual switch flipping. This curtain controller can automatically open and close your ventilation exactly the way you set it. Automating your greenhouse is the smart choice!

Our greenhouse controller provides all-in-one control and power to ventilation drive motors, sidewall & rack and pinion hinged vents. No need for an additional power box. Easy to program with excellent feedback from controller.

Features:

- Timed overrides for DIF growing technique and Light Deprivation
- Optional wind, rain, and humidity sensor overrides
- Independent manual override
- Cooling and heating outputs in harmony
- Easy to program set points

ITEM #	DESCRIPTION
GFA5VC40	AegisTEC Touchscreen Controller

Greenhouse Humidity Sensor

Aspirated Greenhouse Humidity Sensor – Enables relative humidity control by implementing the ventilation, heating and cooling assets within the greenhouse. This sensor is for use with our environmental controllers.

ITEM #	DESCRIPTION
GFA5VCSH	Humidity Sensor

Greenhouse Vent Controller

The VCU 2-24 Environmental Controller is a single zone, thermostatic controller for greenhouse heating and cooling. Featuring a user friendly LED interface, you can automate your greenhouse ventilation components. Perfect for high tunnels

Get your greenhouse automation up and running quickly with this reliable and easy to setup controller.

Included: 100' temperature sensor, power and control up to (2) of our LVM60 or LVM100 motors, and control either (2) fans or (2) heaters or (1) of each!

Features:

- Manual overrides
- Easy to program set points
  - Open and Close
  - Idle and Run time
- Supplies 24 VDC to up to (2) of our LVM60 or LVM100 motors
- Control of (2) dry contacts (one of the options below)
  - (2) Heaters
  - (2) Fans
  - (1) heater and (1) fan

ITEM #	DESCRIPTION
GFA5VCU2	Vent Control 110V/24V for Auto Roll Up

Hand Polysealer

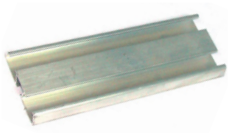
Hand held greenhouse poly sealer, 110 volt, 25 watt. For welding 2-layer curtain poly.

ITEM #	DESCRIPTION
GFA5HS	PSHH Hand Poly Sealer 110V

Wirelock Poly Fasteners

- 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

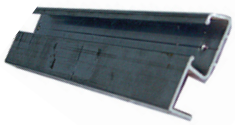
ITEM #	DESCRIPTION
GFA1	8' Aluminum Base
GFA10	12' Aluminum Base



Double Aluminum Base

Double wirelock base is used above the roll up sides to fasten the main plastic to the top channel and the roll up curtain plastic to the bottom channel. In the event you have to replace the curtain plastic without loosening up your main plastic.

ITEM #	DESCRIPTION
GFA108	8'
GFA110	12'



End Bow Wirelock

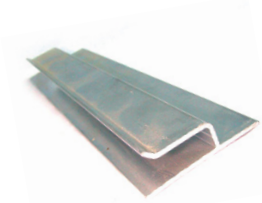
Similar to Single Wirelock base but has a lip for polycarbonate.

ITEM #	DESCRIPTION
GFA112	12' Aluminum

4' - Zig-Zag Wire

Zigzag wire is used in combination with the wirelock poly fastener, Universal Spring Lock or the double aluminum base. The plastic is pulled over the aluminum extrusion then the zigzag wire is "sewn" into the channel to secure the plastic.

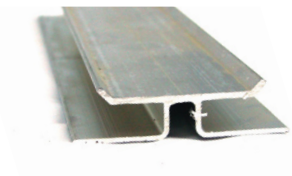
ITEM #	DESCRIPTION
GFA104	50/Bundle



12' Single H Channel

Aluminum extrusions for fastening polycarbonate to your structure.

ITEM #	DESCRIPTION
POLH	Aluminum



12' Divider H Channel

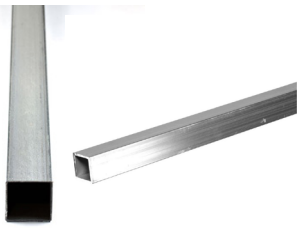
Double H channel is used to join 2 pieces of polycarbonate together. 12' H-channel now available in Plastic for a clean transparent appearance

ITEM #	DESCRIPTION
POL2H	Aluminum
POL2HP	Plastic

1 3/8" Purlin Pipe

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

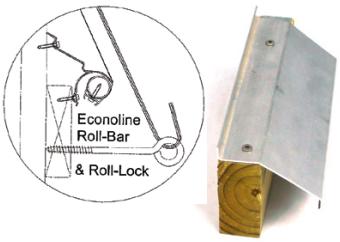
ITEM #	DESCRIPTION
GFA1315	



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 #	DESCRIPTION
SQT8	8'
SQT12	12'
SQT16	16'



Roll Lock

Fastens to baseboard and securely holds plastic when rolled down for an air tight seal. 8' long.

ITEM #	DESCRIPTION	QTY/CS
GFA5RL	8'	50

Gable Angle Brackets

Use this gable angle bracket to attach the horizontal 1 1/2" square tubing to your vertical square tubing, or use these brackets to make your benchtop frames to attach your bench tops for a flower bench.

ITEM #	DESCRIPTION
GFAGBLANG	

2x4 End Wall Brackets

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

ITEM #	DESCRIPTION
GFA241315	1-3/8"
GFA24166	1-5/8"
GFA24200	2"
GFA24200	2-3/8"

End Wall Bracket 1.5" Tubing

ITEM #	DESCRIPTION
GFA3310	1.5" End Wall Bracket

Aluminum Fabric Clips

Use to fasten plastic or shade cloth to purlins.

ITEM #	DESCRIPTION
FC007	Fits 1" Pipe
FC010	Fits 1-3/8" Pipe
FC012	Fits 1-5/8" Pipe

Brace Bands

Brace bands are used to fasten wind bracing, 2x4 brackets to end bows, etc.

ITEM #	DESCRIPTION
GFA31315	1-3/8"
GFA3166	1-5/8"
GFA3200	2"
GFA3250	Fits 2-3/8" Pipe

Pipe Straps

This is a heavy duty 3 hole pipe strap. The third hole is for a third screw to fasten the pipe to keep the pipe from moving or spinning.

ITEM #	DESCRIPTION
GPS010	Fits 1-3/8" Pipe
GPS012	Fits 1-5/8" Pipe
GPS020	Fits 2" Pipe
GPS025	Fits 2-3/8" Pipe

Strap Cross Connectors

These cross connectors connect a purlin pipe to the main bow without having to drill a hole in the bow. Bolts and nuts included

ITEM #	DESCRIPTION
GCC1315	1-3/8" x 1-3/8"
GCC166	1-3/8" x 1-5/8"
GCC200	1-3/8" x 2"

Aluminum Rope Hook

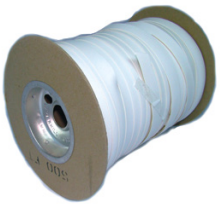
This rope hook is clipped into the top wirelock base on top of the roll up side. The rope is then run through the hook down to a eye screw then back up to the hook alternating every other bow. This keeps the curtain from flopping in the wind.

ITEM #	DESCRIPTION	QTY/CS
GFA5RH	Aluminum Rope Hook	25

Poly Patch

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

ITEM #	DESCRIPTION
PPT02	2" x 48'
PPT04	4" x 48'
PPT06	6" x 48'



Vinyl Batten Tape

This high tensile batten tape is used to fasten plastic to the end of a greenhouse. You would staple through the batten tape and the plastic to the stud to keep the plastic tight.

ITEM #	DESCRIPTION
GGA500	3/4" x 500'

Felt Poly Tape

This felt tape is designed to be applied to any bow or any place where there is a possibility of your plastic tearing or rubbing a hole in your greenhouse film.

ITEM #	DESCRIPTION
PPFT08	1.5" x 48'

Aluminum Solid Tape

Use this tape to close up the top of polycarbonate to keep out insects, dirt and other foreign matter from entering from the top.

ITEM #	DESCRIPTION
POLA	2" x 150'

Vented Tape

Use this tape to close up the bottom of polycarbonate to keep out insects, dirt and other foreign matter from entering from the bottom and also to aid in drainage of condensation.

ITEM #	DESCRIPTION
POLV	1.5" x 108'

UV Resistant Curtain Strapping

UV resistant webbing to install over a greenhouse in place of rope.

ITEM #	DESCRIPTION
GFA5CS2	2" x 600'

Nylon Rope

ITEM #	DESCRIPTION
NR0205	1/4" x 250'
NR0206	1/4" x 500'
NR0207	1/4" x 1000'

Nut Driver Bit

Driver for hex head screws

ITEM #	DESCRIPTION
GFA20HD	1/4"
GFA21HD	5/16"
GFA22HD	3/8"

R2 Square Driver Bit

Driver for square head decking screws

ITEM #	DESCRIPTION
GFA20SD	R2 Square Drive Bit

Self Drilling Tek Screws

Stainless Steel

ITEM #	DESCRIPTION	QTY / CS
GFA2121	#12 x 1"	100
GFA21215	#12 x 1-1/2"	100
GFA22101	#14 x 1"	100

Woodmate Screws

Stainless steel

ITEM #	DESCRIPTION	QTY/CS
GFA2012	#12 x 1"	100
GFA2016	#12 x 1-1/2"	100

1″ Neoprene Washer

1" neoprene galvanized washers are used to fasten polycarbonate to any structure. It has a wider holding surface for maximum holding power.

ITEM #	DESCRIPTION
POL010	100/Bag

Eye Bolt

ITEM #	DESCRIPTION
SEB03003	5/16" x 3" Eye Bolt
SEB06003	3/8" x 6" Eye Bolt

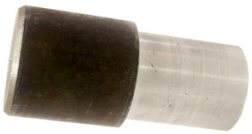
Eye Screw

ITEM #	DESCRIPTION
SEB04003	5/16" x 6" Eye Screw

PTO Hand Crank

Economical hand crank to roll up greenhouse sides. Can be extended with standard purlin pipe used as a extension

ITEM #	DESCRIPTION
GFA5HC	



Ground Post Driver

This driver fits inside a 2" ground post to pound it into the ground and not damage the top of the post.

ITEM #	DESCRIPTION
BEIGROPOD	2" Ground Post Driver
BEIGROPOD025	2-3/8" Ground Post Driver

Roll-Up Operator Packages

An easy to crank gear crank with 5:1 ratio with a internal brake that holds the roll up sides when you stop cranking. It will crank up to 120' of roll up sides.

ITEM #	DESCRIPTION
GFAM10B	

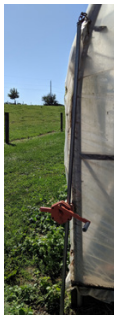
Roll Pipe Installation Aids

This small hanger is almost a must have when it comes to putting the plastic on your roll up sides. It holds the purlin pipe perfectly straight while you screw the roll bar cap onto the pipe to give you a straight roll up side.

ITEM #	DESCRIPTION
RPHRL	Single Piece

Greenhouse Spacer Blocks

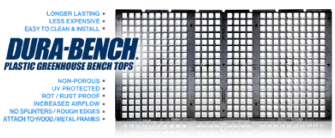
ITEM #	DESCRIPTION
GEAGSB	Greenhouse Spacer Blocks



Guide Pipe w/Chain Assembly

Attach this guide pipe to your end bow so your crank does not spin. It keeps your crank solid and makes it a lot easier to crank up your roll up sides

ITEM #	DESCRIPTION
GGP6C	6' x 1"



Dura-Bench Table Top

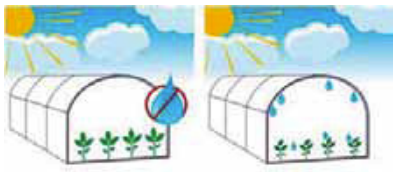
ITEM #	DESCRIPTION
LIFBE	2' x 4'

Greenhouse Plastic and Supplies

POLY-AG. corp.
MANUFACTURE & MARKETING
POLYETHYLENE FOR INDUSTRY & AGRICULTURE

Bringing Hi-Tech Innovations to Horticulture

SunView Therm



Benefits

- Energy Savings
- Minimized Condensation Issues
- Constitant Plant Canopy - Light Diffusion
- 87% Light Transmission

Features

- Thermal
- Light Diffusion
- Anti-Condensation
- Available in 6 mil
- Superior Dart Impact Performance

Light Diffusion
Light diffusion increases photosynthetic efficiency by providing more homogeneous light from all directions. The film reduces shadows, helps minimize burning and ensures better distribution of light Poly-Ag Corp specifically formulates its films for optimum performance related to crop response.

Thermicity & Condensation

Thermicity: During the day, the greenhouse structure, plants and soil heat up due to both visible and infrared light from the sun. In the evening it cools down and re-emits radiation within the IR range. Special properties are incorporated within the film which block IR radiation and help maintain a controlled temperature in the greenhouse, providing plant insulation and less cycling of heaters at night. We offer two Thermal films. One of which offers 30% Light diffusion. The second has an industry-leading 55% Light Diffusion! Anti-condensation: The properties modify the film surface; as a result water droplets are spread into a continuous water layer which subsequently runs down along the slope of the film. These films increase light transmission and reduce water drip.

SunView 4

Benefits

- Durable
- Excellent Top Layer Performance
- Superior Puncture Resistance
- 90% Light Transmission

Features

- Made From Latest Resin Technologies
- High Clarity
- Available in 6 mil
- Superior Dart Impact Performance

Light Quality
The total light transmission of the greenhouse covering is extremely important for Photosynthetically Active Radiation, 400—700 nanometers. The intensity of these wave lengths in the PAR range directly influences the growth and development of the plants. Poly-Ag Corp specifically formulates its films for optimum performance related to crop response.

Sunview 4
SunView 4 was developed to meet the growing needs of the growers in North America to produce quality crops. Our High-Technology greenhouse films are based on the latest developments and technologies in the manufacturing process. SunView 4 is designed to transmit more light while maintaining superior mechanical properties.

RKW Klerk's is a WORLD CLASS LEADER in highly technologically advanced Greenhouse Films and other specialty plastic products that support the Agricultural & Horticultural Industry. Our South Carolina location is the industry's largest Greenhouse Film Rewinding facility in North America. We offer award winning customer service along with the fastest order turnaround time in the industry. RKW Klerk's consistently carries a Greenhouse Film inventory that is in excess of 1 million pounds that is ready to be custom cut and packaged based on your requirements and criteria. When Excellence Matters to You and your Business you can trust and confide in our Klerk's brand of Greenhouse Films.

6Mil 4-Year Clear Plastic

ITEM #	DESCRIPTION
P4610	10' x 100'
P461870	18' x 70'
P4614	14' x 100'
P4620	20' x 100'
P4624	24' x 100'
P4624150	24' x 150'
P4628	28' x 100'
P4632	32' x 100'
P4632150	32' x 150'
P4636	36' x 100'
P4636150	36' x 150'
P4640	40' x 100'
P4640150	40' x 150'
P4642	42' x 100'
P4642150	42' x 150'
P4648	48' x 100'
P4648150	48' x 150'
P4650	50' x 100'
P4650150	50' x 150'
P4656	56' x 100'
P4656150	56' x 150'

6Mil 4-Year Infrared Plastic

The IR plastic is a drip-less plastic that infuses light and reduces heat loss.

ITEM #	DESCRIPTION
PIR24	24' x 100'
PIR24150	24' x 150'
PIR32	32' x 100
PIR32150	32' x 150'
PIR40	40' x 100'
PIR40150	40' x 150'
PIR42	42' x 100'
PIR48	48' x 100'
PIR48150	48' x 150'
PIR50	50' x 100'
PIR50150	50' x 150'
PIR56	56' x 100'
PIR56150	56' x 150'

Clear Overwinter Plastic

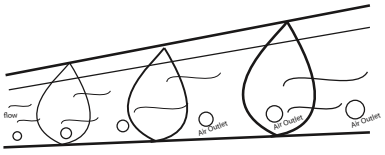
ITEM #	DESCRIPTION
PNC32	32' x 100'
PNC32150	32' x 150'
PNC36	36' x 100'
PNC36150	36' x 150'

4 White Overwinter Plastic 70% Shade

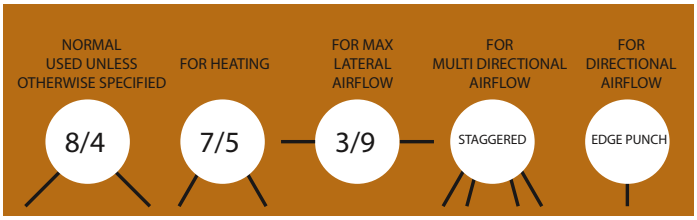
ITEM #	DESCRIPTION
P4W24	24' x 100'
P4W32	32' x 100
P4W40	40' x 100'

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 #	DESCRIPTION
GCT12	12" • 4mil
GCT18	18" • 4mil
GCT24	24" • 4mil
GCT30	30" • 4mil

PRICE PER FOOT.

$50 MINIMUM ORDER FOB NY

Fans

Limited 2-Year Warranty

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 #	DESCRIPTION	MAX CFM
JHF12	12"	1635
JHF20	20"	5510

Full 2-Year Warranty
Made in USA

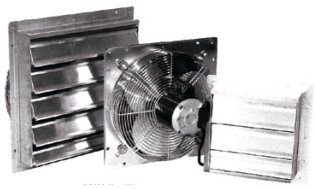
RO* = Rough Wall Opening

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 #	DESCRIPTION	RO*	MAX CFM
JET24	24"	25.25"	4820



JSW30 and JSW36 are slant wall shutter fans.
RO* = Rough Wall Opening

Shutter Fan

Shutter fans are ideal for greenhouse or building exhaust. These fans are quiet and can efficiently move large amounts of air. The 12", 16" and the 20" fans are 3 speed and the 24" is a 2 speed.

- 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 #	DESCRIPTION	RO*	MAX CFM
JSF12	12"	12.5"	1100
JSF16	16"	16.6"	2050
JSF20	20"	20.6"	3815
JSF24	24"	24.6"	5850
JSW30	30"	37.5" x 38"	7600
JSW36	36"	41.5" x 42"	9700

OSHA Approved Guard Spacing
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
- 3 Speed fan 1/4 HP Motor

ITEM #	DESCRIPTION	MAX CFM
JHF2.25	18" Circulation Fan	3000

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:

- Corrosion resistant heavy gauge aluminum frame.
- Precision counterbalanced aluminum blades open easier and wider to permit higher performance capacity.
- Corrosion proof nylon bearings throughout help prevent sticking.
- Suitable for dusty or humid applications.
- Stainless steel hinge pins will not rust and insure easy positive blade action.
- All shutter blades are reinforced with polished galvanized steel rods, and equipped with double tie-rods.
- WAAC models are center pivoted to open easier against
- house static pressures.

Outside

Inside

ITEM #	DESCRIPTION
JAS16	16
JAS24	24
JAS30	30
JAS36	36
JAS40	40
JAS42	42
JAS48	48
JAS60	60
JAS1	Motor 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 #	DESCRIPTION
VBM60	3 Bolt Blower
VBM48	4 Bolt Blower
VBM48US	Shaeffer 4 Bolt Blower
VBMK3	3 Bolt Mounting Kit
VBMK4	4 Bolt Mounting Kit
JH24	24" Air Jumper Hose
JH36	36" Air Jumper Hose

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 #	DESCRIPTION
GEA800	Single Stage
GEA803	Two Stage

Propane Heaters

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

LBITEM #	BTU	CFM	VENT	WEIGHT/LBS
HD045	36,000	720	3"	60
HD075	60,000	1160	3"	85
HD100	80,000	1490	4"	125
HD125	100,000	980	4"	125

Modine Propane Heaters – PTP Heater

Introducing the new power vented, PTP unit heater line with stainless steel bent tube heat exchanger standard. The PTP was specifically designed with the customer in mind to provide high value at a reasonable cost. Backed by Modine's nearly 100 years of pioneering HVAC innovation, the horizontal mounted PTP delivers reliable performance and longer life in a small-business-friendly package.

Model PTP features:

- Stainless steel heat exchanger comes STANDARD on all units, extending the life of your investment
- 10-year heat exchanger warranty is STANDARD, providing you peace of mind
- Totally enclosed, permanently lubricated fan motor outside the cabinet is standard for trouble-free dependability
- Constructed with Modine's proven tubular heat exchangers for a low-profile design on jobs with lower mounting heights
- Optional finger-proof fan guard for low mounting height applications
- Power exhauster and controls mounted inside the cabinet for protection from airborne moisture and dust
- Installs quickly and easily with knockouts and field gas and wiring connections inside a roomy controls section for quick and easy access
- Proudly Made in the USA

ITEM #	PTP	VENT	BTU
PTP150	150	4"	120,000
PTP175	175	4"	140,000
PTP200	200	4"	160,000
PTP250	250	6"	200,000
PTP300	300	6"	260,000

Effinity93 with Conservicore™ Technology

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 Conservicore TM secondary heat exchanger technology with our robust tubular primary heat exchanger design. The Conservicore TM 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. **We are now stocking the Effinity heaters.**

ITEM #	BTU	CFM	VENT	WEIGHT/LBS
MPTC135	125,000	2160	3"	168
MPTC180	167,400	3020	4"	175
MPTC215	199,950	3865	4"	239
MPTC260	241,800	4585	4"	239

Stoves & Boilers

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 & estimated pricing.***

Keystoker

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 & estimated pricing.***

Black Woven Ground Cover

This is a UV stabilized black woven cloth that is extremely strong and superior to sheet plastic. 3.2oz with a stripe every 12". Call for quantity discounts.
The rolls of 10.5, 12.5 and 15.5 now come folded for ease of transporting and handling

ITEM #	SIZE	LBS
BGC03	3' x 300'	27
BGC04	4' x 300'	36
BGC06	6' x 300'	54
BGC10L	10.5' x 300'	95
BGC12L	12.5' x 300'	112
BGC15L	15.5' x 300'	140
	FOLDED FOR EASIER TRANSPORTATION	
BGC10	10.5' x 300'	95
BGC12	12.5' x 300'	112
BGC15	15.5' x 300'	140

White Woven Ground Cover

ITEM #	SIZE	LBS
WGC03	3' x 300'	
WGC06	6' x 300'	
WGC15	15' x 300'	

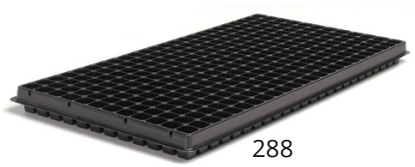
Heavy Duty Sod Staples

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

ITEM #	SIZE	GAUGE	QTY/BX
SS610S	6" x 1"	11	1
SS88S	8" x 1"	8	1
SS88	8" x 1"	8	500
SS610	6" x 1"	11	1000

Plug Trays

Standard 1020 Size
Sold by the case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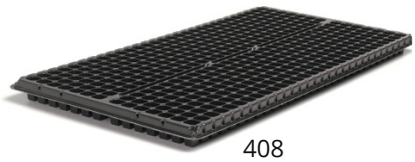
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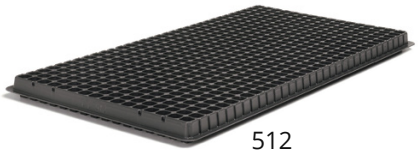
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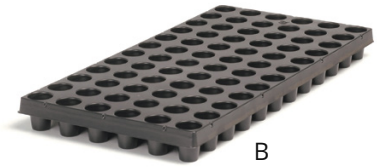
ITEM #	CELLS/SHEET	WIDTH	DEPTH
HCLPT050	50 Square	1.9"	2.36"
HCLPT0720	72 Square	1.625"	2.25"
HCLPT128	128 Square	1.17"	1.99"
HCLPT288	288 Square	0.812"	1.062"
LPT288D	288 Square Deep	0.75"	1.75"
LPT512	512 Square	0.562"	1"

Plug Sheets

Plug Sheets 100/Case

A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	ITEM #	CELLS/SHEET	CELL CONFIG	WIDTH	DEPTH
	LPS050	50 Square	5 x 10	2"	2.38"
	LPS072	72 Square	6 x 12	1.5"	2.38"
A	**HCLPSR050**	50 Round	5 x 10	1.78"	2.38"
B	**HCLPSR072**	72 Round	6 x 12	1.5"	2.38"
	HCLPSR098	98 Round	7 x 14	1.38"	1.63"

Sheets of Pots

Sold by the case

ITEM #	WIDTH	DEPTH	FITS IN TRAY	QTY/CS
LSP030	3"	3.05"	PF1030	100
HCLSP0350	3.5"	2.25"	PF1040	100
HCLSP045	4.5"	4.25"	PF1045	50

Square Press Fit Pots & trays

Sold by the case

ITEM #	DESCRIPTION	TOP	DEPTH	QTY/CS
PF0225	2.25" Square Pot	2.19"	3"	1920
PF03	3" Square Pot	2.63"	2.25"	800
HCPF030	3" Square Pot Deep	2.63"	3.5"	800
HCPF040	4" Square Pot Deep	3.5"	3.5"	450
PF0400	4" Square Pot X-Deep	3.5"	5"	450
HCPF045	4.5" Square Pot	4.19"	3.63"	375
HCPF0450	4.5" Square Pot Deep	4.19"	5"	375
PF10225	2.25" Square Pot Tray	32	9 x 18	50
HCPF1030	3" Square Pot Tray	32	11 x 21	50
HCPF1040	4" Square Pot Tray	18	11 x 21	50
HCPF1045	4.5" Square Pot Tray	15	13 x 21	50

A

B

C

D

E

F

G

H

I

1020 Inserts

Sold by the case

** X= available in Super Jumbo

	ITEM #	**	QTY/CS
A	**HCIN0606**	X	100
B	**HCIN0804**	X	100
C	**HCIN0806**	X	100
D	**HCIN1004**		100
E	**HCIN1203**		100
F	**HCIN1204**		100
F	**HCINT1204**	**TRUE SIZE**	100
G	**HCIN1206**		100
H	**HCIN1801**		100
I	**HCIN2401**		100

True 1020 Flats

Note: Not standard size. True 10” x20” / 50 per case

ITEM #	DESCRIPTION
HCCFT1	True Web Flat (molded)

Injection Molded Carrying Trays

ITEM #	DESCRIPTION
HCCF15	1020 Standard Tray

NCR Tray Solid Side & Bottom

1020 Seed Trays

ITEM #		DEPTH	QTY/CS
HCNCR	W/DRAIN HOLES	2.33"	100
HCNCRN	W/O DRAIN HOLES	2.33"	100

Open Seeder Tray

ITEM #	DEPTH	QTY/CS
LSFOPEN	1.38"	100

Clear 1020 Humidity Dome

A clear dome to place over flats to increase the humidity inside to create a germination chamber for higher germination rate of seeds

ITEM #	QTY/CS
HD1020	50

7.5" High Humidity Dome

This is the only dome on the market with adjustable top and side vents to better control humidity and temperature. These domes fit directly onto the standard 10 x 20" cut kit trays to create a humid and warm environment ideal for cuttings and seed germination. Tall 7.5" dome gives extra height for your taller cuttings. Adjustable vents allow for perfect humidity and temperature control.

ITEM #	SIZE
HD1020L	10" x 20" x 7.5" high

HC Nursery Pots (thermoformed)

HC nursery pots come in two different styles. The 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 #	DIA X HGT	GAL	#/CS	COLOR
HCNP1	7.87" x 7.25"	1	25	Black
HCNP10	16" x 15.37"	10	25	Black
HCNP15	17.75" x 15.75"	15	30	Black
HCNP2	8.80" x 8.5"	1.74	Bulk	Black
HCNP2.25	10.37" x 8.45"	2.25	Bulk	Black
HCNP2.75	10.25" x 9.12"	2.58	25	Black
HCNP3	11" x 10.31"	3.05	Bulk	Black
HCNP5	14" x 9.30"	5.1	28	Black
HCNP5S	12" x 10.5"	3.58	Bulk	Black
HCNP7	13.75" x 12"	7	36	Black
HC300L	6.3" x 6.7"	Trade	200	Black
HC350L	8" x 5"	1	170	Black
HC350LT	8" x 5"	1	170	Clay/Black
HC550L	9" x 6.2"	1.2	90	Black
HC550LT	9" x 6.2"	1.2	90	Clay/Black

Nursery Supplies®

NS Nursery Pots

ITEM #	DIA X HGT	GAL	#/CS	COLOR
275C	6.6" x 5.5"	.5	100	Black
300C	6.4" x 7.25"	.7	100	Black
350CT	8" x 5.1"	.8	130	Clay
550CT	9" x 6"	1.2	97	Clay
550C	9" x 6"	1.2	97	Black
1000SCT	10.125" x 7.5"	1.9	75	Clay

Thermoformed Drainage

A

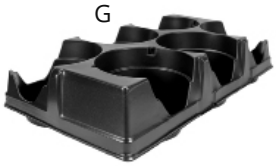
B

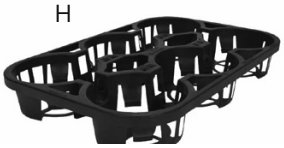
C

D

E

F


G


H

Round Thermoformed Pots & Trays

The thermoformed pots are a smooth thin wall pot with a “hoop” strength.
TWT=Thermoformed • Sold by the case

	ITEM #	POT SIZE	POTS/TRAY	TRAY SIZE	QTY/CS
	HCTWT4	4" x 3"			1,332
	HCTWT4D	4" x 4"			1,260
A	**HCTWT45**	4.5" x 3.75"			720
B	**HCTWT5**	5" x 3.75			675
C	**HCTWT6**	5.9" x 4.25"			864
	HCTWT65	6.5" x 5"			300
	HC300LT	6.8" x 6.1"			200
D	**HCSRT040**	4"	15	12.1" x 20.25"	50
E	**HCSRT045**	4.5"	15	13.9" x 23.1	50
F	**HCSRT050**	5"	8	10" x 20"	50
G	**HCSRT060**	6"	6	11.5" x 17.6"	50
H	**HCURT66**	6.5"	6	19" x 12.6"	25

B

C

Round Azalea & Geranium Pots

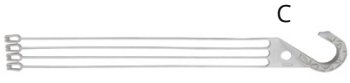
The standard pots are heavier and feature a wide lip and side-bottom drainage. LTW = Black
Sold by the case

ITEM #	DIA X HGT	#/CS
HCLTW045	4.5" x 3.8"	900
HCLTW060	6" x 4.25"	560
HCLTW065	6.5" x 4.6"	504

Hangers

A

B

C 

	ITEM #	SIZE	TYPE	COLOR	STRANDS	QTY/CS
A	**HCSHBW1050**		Wire		3	50
A	**HCSHBW12**		Wire		4	50
B	**HCSHBE103**	16"	Plastic	White	3	50
B	**HCSHBE10L3**	19"	Plastic	White	3	50
B	**HCSHBE10LG**	19"	Plastic	Green	3	50
B	**HCSHBE10LB**	19"	Plastic	Black	3	50
B	**HCSHBI18S**	19"	Plastic	Sandstone	3	50
C	**HCSHBH4E22**	22"	Plastic	Clay	4	25
C	**HCSHBH4E26**	22"	Plastic	Sandstone	4	25
C	**HCSHBE12500**	22"	Plastic	White	4	25
C	**HCSHBE12G**	22"	Plastic	Green	4	25
C	**HCSHBH4G18**	22"	Plastic	Black	4	25

A

B

C

D

Hanging Baskets

	ITEM #	DESCRIPTION	POT SIZE	COLOR	QTY/CS
A	**HCSHB210**	10" Swirl Hanging Baskets	10"	White	50
A	**HCSHB210G**	10" Swirl Hanging Baskets	10"	Green	50
B	**HCSHB212**	12" Swirl Hanging Baskets	12"	White	50
B	**HCSHB212G**	12" Swirl Hanging Baskets	12"	Green	50
C	**HCSHB410**	10" Elite Fluted Hanging Baskets	10"	White	100
D	**HCSHB511**	White Traditional Hanging Baskets	11"	White	50
D	**HCSHB511G**	White Traditional Hanging Baskets	11"	Green	50

C

D

	ITEM #	DESCRIPTION	SIZE
C	**HCYWH12Y06**	Woodrush Wicker Hanging Basket	12"
D*	**HCHWA11005E26**	Wrapt Hanging Baskets (Sandstone)	11"
	HCHWA11005G18	Wrapt Hanging Baskets (Black)	11"

(D) Texture gives the pot a "wrapped" appearance. Contemporary new profile features chimney style drainage. Case packaged with SDD10000 disk.
D* Fits a 3 strand hanger (Part code HZP3E102) –Sold Separately

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All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE	QTY/CS
A	**CTIBELHBCK**	Beaded Linen HB wHanger - Chalk	12" x 6.7"	45
B	**CTIBELHBWC**	Beaded Linen HB wHanger - Warm copper	12" x 6.7"	45
C	**CTIBOMHBCC**	Bombay HB w/Hanger - Coffee Cream	12.9" x 7.5"	45
D	**CTICAHBAZ**	Castella HB wHanger - Coffee Cream	12" x 6.8"	44
E	**CTICAHBSI**	Castella HB wHanger - Silver	12" x 6.8"	44
F	**CTICRAHBCEW**	Crackle HB w/Hanger - Ceramic White	12" x 6.7"	45
G	**CTIDELHBTP**	Delta HB w/Hanger - Taupe	13" x 7.5	45
H	**CTIINLHBBM**	Inverted Laurel HB wHanger - Brushed metallic capp.	13" x 7.5"	46
I	**CTIINLHBBWH**	Inverted Laurel HB wHanger - Brushed white	13" x 7.5"	46
J	**CTIMIHBBWH**	Miranda SQ HB wHanger - Brushed white	12" x 7.5"	35
K	**CTIMIHBDWG**	Miranda SQ HB wHanger - Powdered Beige Gray	12" x 7.5"	35
L	**CTIPAVHBBWH**	Pavia HB w/Hanger - Brushed White	13" x 7.5"	40
M	**CTIPEHBCK**	Perisian SQ HB wHanger - Chalk	10.9" x 7.5"	27
N	**CTIWICHBCK**	Wicker HB w/Hanger - Chalk	13" x 7.5"	45

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All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE	QTY/CS
A	**CTIBAHBBM**	Baroque HB wHanger - Brushed metallic capp.	12" x 6.7"	45
B	**CTIBAHBSTL**	Baroque HB wHanger - Metallic Gray	12" x 6.7"	45
C	**CTIBELHBTP**	Bella HB w/Hanger - Taupe	7.9" x 4.6"	45
D	**CTICLHBRC**	Clusters HB wHanger - Blk/rose copper flower	12" x 6.7"	50
E	**CTICLHBRN**	Clusters HB wHanger - Blk/w brushed wisteria flowers	12" x 6.7"	50
F	**CTIEDHBBA**	Eden HB wHanger - Brushed antique brass	11" x 7.5"	58
G	**CTIEDHBCK**	Eden HB wHanger - Chalk	11" x 7.5"	58
H	**CTIGAHBCP**	Gala HB w/Hanger - Cappuccino w/ Rose Gold Rim	13" x 7.5"	46
I	**CTIHAWHBBWH**	Harvest Wheat HB wHanger - Brushed White	10.6" x 7.1"	60
J	**CTIHAWHBBG**	Harvest Wheat HB wHanger - Brushed Champagne	10.6" x 7.1"	60
K	**CTILILHBBWV**	Lilly HB w/Hanger - Brushed Wood Violet	6.5" x 4.5"	45
L	**CTISEBHBBM**	Sebastien HB w/Hanger - Brushed Metallic Cappuccino	13" x 7.4"	40
M	**CTIWAHBBRD**	Wave HB wHanger - Brushed red	12" x 8"	56
N	**CTIWAHBSI**	Wave HB wHanger - Silver	12" x 8"	56

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All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE	QTY/CS
A	**CTIHAMBOBWH**	Hammered Bowl - Brushed White	14.5" x 6"	
B	**CTISCAFLBBG**	Scalloped Flare Bowl - Brushed Champagne	16.9" x 6.3"	
C	**CTIBELOVWIBWGR**	Bella Oval Window Box - Beige Grey	16.5" x 8" x 5.5"	
D	**CTITORWIBCK**	Torino Window Box - Chalk	24" x 7.5" x 6.8"	
E	**CTIEMTPLBLM**	Empire Trellis - Light Mocha	15" x 48"	180
F	**CTIEMTPLCT**	Empire Trellis - Chestnut	15" x 48"	180
G	**CTICASWIBBWH**	Castella Window Box - Brushed White	23.4" x 8.5" x 6"	
H	**GLEHABRBK16**	16" Bristol Urn - Black	16" x 18.5"	
I	**GLEHABRUCP16**	16" Bristol Urn - Copper	16" x 18.5"	
J	**GLEHABRUBK20**	20" Bristol Urn - Black	20" x 23"	
K	**GLEHABRUCP20**	20" Bristol Urn - Copper	20" x 23"	
L	**HCPA09**	Pantera Planter - Terra Cotta	10"	100
M	**HCPA12**	Pantera Planter - Terra Cotta	12"	58
N	**HCPA14**	Pantera Planter - Terra Cotta	14"	25
O	**HCYCP12Y01**	Mobius Oval Planter - Terra Cotta/White	12"	
P	**PX10BRPRU**	Barrel Planter - Rust	10"	

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All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE
A	**CTIAPPLBBG**	April Planter - Bubble gum pink	14.3" x 12"
B	**CTIAPPLWI**	April Planter - Brushed Wisteria	14.3" x 12"
C	**CTICASBOLLI**	Castella Bowl - Light Linen	16.9" x 6.5"
D	**CTICATPLCT**	Cask Tall Planter - Chestnut	14.5" x 12"
E	**CTICATPLDW**	Cask Tall Planter - Driftwood	14.5" x 12"
F	**CTIGRSPLBWH**	Inverted Laurel Tall Planter - Brushed white	13" x 13.5"
G	**CTIILTPLLLI**	Inverted Laurel Tall Planter - Light linen	13" x 13.5"
H	**CTILATPLCK**	Laurel Tall Planter - Chalk	13" x 14"
I	**CTILATPLWC**	Laurel Tall Planter - Warm copper	13" x 14"
J	**CTIPUDPLLLI**	Pumpkin Deco Planter - Light linen	10.9" x 8.1"
K	**CTIPUDSPLBG**	Pumpkin Deco Planter - Brushed champagne	10.9" x 8.1"
L	**CTIPUDSPLBG**	Pumpkin Deco SQ Planter - Brushed champagne	10" x 8.1"
M	**CTIPUDSPLLLI**	Pumpkin Deco SQ Planter - Light linen	10" x 8.1"
N	**CTISATPLBA**	Saturn Tall Planter - Antique brass	12.1" x 12"
O	**CTISATPLCK**	Saturn Tall Planter - Chalk	12.1" x 12"
P	**CTISYSPLSWS**	Sylvia SQ Planter - Brushed southwest sand	13" x 15"

B

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All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE
A	**CTIADPLWS**	Adelyn Planter	10" x 7.5"
B	**CTIADPLWS6**	Adelyn Planter	5.9" x 4.5"
C	**CTIADPLWS8**	Adelyn Planter w/Saucer-White Stone	7.9" x 6"
D	**CTISUSTPLCM**	Sugared Sand Tall Planter - Champagne	14" x 15"
E	**CTISUTPLCK**	Sugared Sand Tall Planter - Chalk	14" x 15"
F	**CTIGRSPLBWB**	Grace SQ Planter - Brushed white	7.4" x 7"
G	**CTIGRSPLCC**	Grace SQ Planter - Coffee Cream	
H	**CTIESHPLBWB**	Estate Hex Planter - Washed Bronze	9.7" x 7.5"
I	**CTIESHPLBG**	Estate Hex Planter - Brushed Champagne	9.7" x 7.5"
J	**CTIHAGPLMA**	Harvest Garden Planter - Mahogany	17" x 13.5"
K	**CTIHAGPLDW**	Harvest Garden Planter - Driftwood	17" x 13.5"
L	**CTISCFPLDGN**	Scalloped Flare Planter - Powdered gray stone	19" x 16.9"
M	**CTISCFPLVC**	Scalloped Flare Planter - Vintage copper	19" x 16.9"
N	**CTIHAWSPLBG**	Harvest Wheat SQ Planter - Brushed champagne	10" x 8.2"
O	**CTIHAWSPLRGO**	Harvest Wheat SQ Planter - Rose gold	10" x 8.2"

A
w/black stand &
3-Strand black rigid
chain hanger

B
w/black stand &
3-Strand black rigid
chain hanger

C
w/black stand &
3-Strand black rigid
chain hanger

D
w/black stand &
3-Strand black rigid
chain hanger

E
w/black stand &
4-Strand black rigid
chain hanger

F
w/black stand &
4-Strand black rigid
chain hanger

G
w/4-Strand black
rigid chain hanger

H
w/ 4-Strand black
rigid chain hanger

I
12 Banana Leaves
Round Basket

J
with 3-Strand black
rigid chain hanger

K
with 4 strand heavy
duty chain hanger

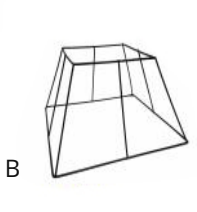
L
14" Gold Lattice Coco

M
14" Silver Lattice Coco

All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE	QTY/CS
A	**NATHB10**	14" Mixed Rope/Corn Braid Round Cone	14.3" x 14." x 15"	15
B	**NATHB11**	14" Twisted Rattan Round Cone Basket	14.3" x 14" x 15"	15
C	**NATHB13**	14" Solid Random Round Cone Basket	14.3" x 14" x 15"	20
D	**NAT14WCHB5**	14" Wicker Round Hanging Cone Basket	14" x 13" x 14"	20
E	**NATHB20**	14" Mixed Rope/Corn Braid Square Cone	14.3" x 14.3" x 16"	15
F	**NAT14BMRSQHC**	14" Wicker Square Cone Basket	15" x 13.5" x 15"	15
G	**NATHB51208**	14 Square Arch Hanging Basket	14" x 7.9" x 9"	12
H	**NATTM6012**	14" Round Heart Hanging Basket	16" x 9.25" x 10"	12
I	**NATHBW08**	12" Banana Leaves Round Basket	12" x 12" x 7.5"	20
J	**NATHB5**	14" Wicker Round Flat Basket	14" x 14" x 7.5"	20
K	**NATHB20LN**	20" Coco Hanging Basket	20" x 20" x 10"	12
L	**NATLATG14**	14" Gold Lattice Coco Hanging Basket	14" x 8"	20
M	**NATLATS14**	14" Silver Lattice Coco Hanging Basket	14" x 8"	20

A


B

C

D

E

F
with 14inch collapsible basket

G

H

I

J

K

L

M

All items are available while supplies last

	ITEM #	DESCRIPTION	SIZE	QTY/CS
A	**NATRST**	Stand For 14In Round Cone Basket		
B	**NATSQST**	Stand For 14In Square Cone Basket		
C	**NATPL6209**	8" Square Arch Floor Planter W/Ball Feet,	8" x 4.75" x 6"	36
D	**NATPL6210**	14" Square Arch Tall Floor Planter W/Ball Feet,	14" x 7.5" x 11"	12
E	**NATTM6112**	14" Round Arch Tall Floor Planter W/Ball Feet	14" x 8.25" x 11.6"	12
F	**NATTM99455**	Welcome Planter Stand	17" x 11" x 26"	6
G	**NATTM20W03**	14" Mixed Rope Round Cone w/Chain Hanger and Stand	14"x14"x15"	15
H	**NATTM20W04**	14" Mixed Rope Square Cone w/Chain Hanger and Stand	14"x14"x15"	15
I	**NATTM20W05**	14" Mixed Rope Round HB w/Chain Hanger	14"x14"x8"	20
J	**NATTM6300**	13" Square Butterfly HB, w/Chain Hanger	13"x13"x8"	12
K	**NATTM6302**	14" Square Heart Hanging Basket w/Chain Hanger	14"x14"x8"	12
L	**NATTM6304**	15" Round Arch Tall Planter w/Ball Feet	15"x15"13"	12
M	**NATTM6305**	14" SQ Butterfly Tall Planter w/Ball Feet	14"x14"x13"	12

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

Nutrient Holding — INCUBATED PH = 5.4 - 6.2
The combination of high-quality sphagnum peat moss and vermiculite creates a mix with a superior CEC and uniform water distribution. This makes it ideal for plants that are sensitive to pH and EC variations such as geranium, impatiens or New Guinea impatiens. Additional nutrient retention in root rhizosphere between irrigations.

- Optimizes water management.
- Increases buffering capacity, reduces chemical variations (pH and EC).
- Excellent post-harvest properties.

ITEM #	DESCRIPTION
BM1	3.8 cu ft compressed
BM1-3	Loose Fill Bag

BM2

Seed Germination — INCUBATED PH = 5.2 - 6.0
High-quality, general-purpose plug mix for unmatched uniformity during seed germination and seedling production. This fine-textured medium is designed for dry conditions or when additional moisture is required.

- Easy-to-use mix fills small cells perfectly for consistent growth.
- Balanced water-to-air ratio allows rapid root ball development.
- Vermiculite improves water distribution and management.
- High CEC reduces pH and EC variations.
- Flexible and forgiving substrate.
- Low fertilizer starter charge lets you control fertigation.

ITEM #	DESCRIPTION
BM2	3.8 cu ft compressed
BM2-3	Loose Fill Bag

BM4

Natural Fiber - Wood — INCUBATED PH = 5.4 - 6.2
Contains an eco-friendly, sustainable wood-fiber component that mixes perfectly with peat.

- Offers high water retention combined with rapid air diffusion for very rapid root development.
- Stable and uniform for the most consistent crops.
- All organic and compostable with smaller environmental footprint than coir, perlite and vermiculite.

ITEM #	DESCRIPTION
BM4	3.8 cu ft compressed

BM5

Natural Fiber & Aggregate - Wood — INCUBATED PH = 5.4 - 6.2
The combination of NF Wood and perlite offers a good balance between drainage and water retention. Easy transition from a peat/perlite mix. Includes all the benefits of the NF wood with the security of perlite.

- Highly versatile;
- Reduces chemical use and input costs;
- Unique soil structure designed for very rapid root development;
- Uniform and stable for even growth;
- Increased volume per bale in compressed formats.

ITEM #	DESCRIPTION
BM5	3.8 cu ft compessed

BM7-35

Bark — INCUBATED PH = 5.6-6.4 v
Produced with Pine Bark, the BM 7 series is formulated for perennials, shrubs, and trees. The 35% bark mix is also well suited for annuals.

- Coarse peat moss
- Composted pine bark
- Horticultural perlite
- Dolomitic limestone
- Calcitic limestone
- Non-ionic wetting agent
- Starter nutrient charge
- PH: 5.6-6.4

ITEM #	DESCRIPTION
BM7-35	3 cu ft loose

BMM

Berger Mum Mix — INCUBATED PH = 5.4 - 6.2
Made with our professional grade composted peat moss, this substrate increases the amount of available water.

- Contains additional nutrients and beneficial micro-organisms.
- Improved water retention and distribution in containers.
- Higher CEC for increased buffering capacity.
- Good for post-harvest environment (retailers & box stores).

ITEM #	DESCRIPTION
BMM	3.8 cu ft compressed

Retail Peat Moss

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

ITEM #	DESCRIPTION
BPM	3.8 cu ft compressed

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 needs

ITEM #	DESCRIPTION
FB300	2.8 cu ft loose

Frey NX-6 Mix

- NX-6 Soil, Nursery Mix, 2.0 cu ft

ITEM #	DESCRIPTION
FBNX6	2.8 cu ft loose

COMPOSTS SOILS MULCHES FERTILIZERS
Coast of Maine
www.coastofmaine.com

Coast of Maine Bar Harbor Potting Soil

Coast of Maine Bar Harbor Blend Premium Potting Soil is now available in a new, lighter formulation. It is made with salmon, blueberry, lobster and other composts, calcium and chitin-rich lobster shells, sphagnum peat, perlite and kelp meal and designed for potting house plants, planting hanging baskets, window boxes and all containers. The compost gives it deep dark brown color as well as helping retain moisture

ITEM #	DESCRIPTION
COAMABH	2 cu ft loose

Coast of Maine Seed Starter Mix

Sprout Island Organic Seed Starter is designed for seed germination & rooting plant cuttings. It is ready-to-use in cell packs or flats and provides natural moisture retention & aeration. Includes mycorrhizae, worm castings, kelp and fully-cured compost.

ITEM #	DESCRIPTION
COAMABH	2 cu ft loose

Coast of Maine Lobster Compost

Coast of Maine Quoddy Blend Lobster Compost is our best-selling soil, made with chitin and calcium-rich lobster shells, compost and peat humus. The result is a dark-brown, complex soil that drains well and is ideal for conditioning beds and borders, vegetable gardens, herbs and annuals!

ITEM #	DESCRIPTION
COAMALC	1 cu ft loose

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 beneficial 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 #	DESCRIPTION	CU. FT.
PM130	With Mycorrhizae	2.8
PM138	With Mycorrhizae	3.8

Long Fiber Sphagnum Moss

ITEM #	DESCRIPTION
SML35	3.5 Cu Ft Bag

Horticultural Vermiculite & Perlite

Quantity Discounts! Call for free shipping half and full loads.

ITEM #	DESCRIPTION
TOV2A	Course Vermiculite #18
TOV3	Fine Vermiculite #20
TOP6	Coarse Perlite (6510) #21

Jiffy®
It's all about the roots

2.5" 8-sq pots #38
2304 per case

Jiffy Strips - 8 & 10 Pot

1.75" 10-sq pots #77
5100 per case

ITEM #	DESCRIPTION
JIF525	2.5" - 8 sq pots/strip #38
JIF516	1.75" - 10 sq pots/strip #77

Jiffy Pellets

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. The JIF611 fits in a 72 cell tray and the JIF703 fits in a 38 cell tray
JIF611 - 1700 / case

ITEM #	DESCRIPTION
JIF611	30mm x 40mm
JIF703	42mm x 42mm

Jiffy Square Peat Pot

ITEM #	DESCRIPTION	QTY/CS
JIF230	3" Sq	1260

Jiffy Round Peat Pot

ITEM #	DESCRIPTION	QTY/CS
JIF130	3" Round, 3" Deep	1400

Coconut Coir

Coconut Coir is a 100% natural by-product of harvesting coconut. Coir consists of the coarse fibers extracted from the husk on the outer shell of a coconut. Because of its superior water holding capacity, excellent air space and drainage, coir is a useful soil amendment for potted plants, containers and gardens. Coir's neutral pH of 5.8–6.8 allows it to efficiently release nutrients to plant roots and reduces the need to use dolomite lime in the garden. Add water and soak your brick for at least 1 hour before using it. A fully-hydrated brick can hold eight to ten times its volume in water.

ITEM #	DESCRIPTION
COCCO	2 cu ft/bale
COCCOL	Loose Bags. - 2 cu ft/bale

Vacuum Seeder

- An economical, fast, and easy way of seeding seeds into trays
- Seed plates are made of aluminum and are very easy and quick to change via clamps
- Easy to use, Hook up a vacuum to hose, spread seeds over plate and seeds will be vacuumed to the micro holes in plate, flip seeder box to the side with the seed reservoir section down and excess seed will fall into seed reservoir section, then turn the over the seeder box upside down over the tray and close valve to cut vacuum and seeds drop into tray
- Multiple tray sizes available
- We stock the smallest size hole which is a 1.02MM hole. If you are using these for larger seed it would be beneficial to take a bigger drill bit and enlarge them.

ITEM #	QTY/WEIGHT
VACSEB	Vacuum Seed Box
VAC72C	72 Vacuum Seed Tray
VAC128C	128 Vacuum Seed Tray
VAC200C	200 Vacuum Seed Tray
VAC288C	288 Vacuum Seed Tray

Soil Moist

ITEM #	DESCRIPTION
FUNSM8	8 Lb Soil Moist 1-2MM

Epsom Salt

Epsom Salt raises sugar content in fruits. Also used to green up plants. A good source of Magnesium sulfate.

ITEM #	QTY/WEIGHT
ES50	50 lb

Calcium Nitrate (greenhouse grade)

Calcium nitrate (PureCal) is a fully water soluble fertilizer, that is a highly efficient sources of available calcium and nitrogen for plants under all growth conditions. It is a highly pure, white, fine crystal that is easily dissolved in water.

Suited for application through all fertigation and foliar application systems – drip systems, low volume sprinklers, center pivots and spray units.

As calcium is not mobile in the plant, it has to be continuously supplied throughout the growth season to keep adequate levels in the plant tissues and to ensure proper development. The nitrate nitrogen is readily absorbed by the plant and improves the efficiency of calcium uptake.

ITEM #	QTY/WEIGHT
CNG50	50 lb

Sulfuric Acid 93% tech

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

ITEM #	QTY/WEIGHT
SUA1	1 gal
SUA55	50 gal

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.

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.

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.

Established in 1922, Plant Marvel Laboratories pioneered and popularized the use of water soluble fertilizers. We introduced our original 12-31-14 General Purpose Hi Phosphate formulation over 90 years ago helping to fuel the growth of soil-less growing and hydroponics. Some years later we found a way to incorporate soluble forms of minor and trace elements into our expanding line of soluble N-P-K fertilizers. This became the first commercial fertilizer to deliver a total nutrient feed to crops without fear of burning and with unparalleled ease of application. It provided almost instant response because all nutrients were in a form the plants could utilize immediately. We called it Nutriculture.

Over the years, we helped pioneer the concept of foliar feeding and widespread use of water solubles in the commercial market. But our most important innovation has been the incorporation of all necessary trace elements into every N-P-K formula we manufacture. Today this practice is becoming standard with all fertilizer manufacturers.

INDUSTRY LEADERSHIP

We are proud of Plant Marvel's leadership in the horticultural industry. Our list of Firsts includes:

- First to produce a high-concentrate, economical water-soluble fertilizer.
- First to incorporate minor and trace minerals in significant quantities and in a soluble form that was readily available to plants.
- First to market a starter solution for faster development of new crops.
- First to promote various formulas specifically designed for the changing needs of crops at different stages of growth.
- First to develop fertilizers specifically to offset the effect of crops suffering from toxicity caused by excess mineral content in the water or soil.
- First to promote ratios to accomplish specific growth characteristics.
- First to develop the Cal-Mag soluble fertilizers that contain NPK plus significant levels of Calcium, Magnesium and minor elements all in one blend. (See our Cal-Mag fertilizers.)

General Purpose 20-10-20PLUS

General Purpose 20-10-20PLUS is an all purpose feed with elevated levels of Nitrate Nitrogen to give better nutritional control when feeding the cool darker months. Commonly used as a foliar application or root feed on ornamentals, turf and nursery stock. Because it is formulated to provide a balance of both major and minor elements, it is a safe choice when feeding a wide range of plant life with the same fertilizer. It will provide immediate but gentle nourishment in a form of application that can overcome and bypass other nutrient complication due to soil problems.

- Higher levels of Nitrate N
- Fully Chelated Minors
- 100% Soluble

Nutriculture General Purpose 20- 20-20

Nutriculture General Purpose 20- 20-20 provides over 60% nutrient value in a 1-1-1 ratio which makes it suitable for general use in a wide variety of growing situations. It is widely used on containerized stock in the nursery industry and for greenhouse crops such as foliage plants and bedding plants. For institutional and general landscape maintenance, it is ideal because it works well on turf, trees or shrubs as well as blooming plants and can be used as a single all-purpose spray feed.

- NPK and trace elements all in one mix
- Fully chelated minors

Plant Marvel 3-15-26 Hydroponic Special

Hydroponic Special contains all the necessary elements in a water soluble form to provide a basic diet for hydroponic culture. It can be manipulated to provide virtually any combination of nutrients desired using other soluble components such as calcium nitrate, magnesium sulfate, or any combination of the minor elements can be added.

- Basic feed providing 11 elements
- Increased iron and molybdenum

Plant Marvel 15-5-30 Pot Mum Finisher (K Mag)

This high potash formula is ideal for overcoming potash deficiency or for building up hardiness and fibrous qualities of stems and leaves. May be applied in solution by a proportioner through sprinkler systems, by irrigation or any conventional ground rig and may be applied in combination with most insecticides, herbicides and fungicides. Avoid applications during peak sunlight hours.

- Promotes stiff stems and sturdy leaf growth
- High nitrate N
- Provides magnesium
- Helps prevent tip burn

Plant Marvel 18-6-18 Mag-Iron Fertilizer

Formulated for growers with high calcium bicarbonate water who need to compliment their magnesium level, while supplying additional Iron to insure uptake at an elevated media pH. The higher Iron levels are provided in two different chelated forms, EDTA and HDTPA. These will guarantee uptake even at extremely high media pH levels. This formula is also recommended as an excellent choice for managing lush green controlled growth on annuals such as calibrochoa, chrysanthemums, petunias, vinca, roses etc. With over 60% of its Nitrogen in the Nitrate form it will also work well as a dark weather feed.

- Elevated Iron chelated in two forms to handle a broader media pH range
- High magnesium

High nitrate nitrogen

Hi-Cal Special 15-0-15PLUS

Hi-Cal Special 15-0-15PLUS is a plug growing formula with high nitrate nitrogen, calcium, magnesium, and minor elements, all combined into a totally soluble mix. The trace elements are delicately balanced at levels that have proven to perform well. This formula will work well when phosphate is not a problem or is being supplied separately. Although designed for plug growing, this formula will work equally well on any crop that may be sensitive to ammoniacal nitrogen during low light periods. Test nutrient levels in both water and growing media prior to use. Suggested use on a constant feed basis is at 100 PPM nitrogen or on intermittent feed basis 200 PPM nitrogen. Use growth results and nutritional monitoring to adjust this rate.

- Increased Molybdenum
- High Nitrate Nitrogen

Nutricote 14-13-13

Nutricote 14-13-13 100 Day
up plants. A good source of Magnesium sulfate.

Nutricote 13-11-11

Nutricote 13-11-11 w/Minors 100 Day

Nutricote 18-6-8

Nutricote 18-6-8 100 Day

ITEM #	DESCRIPTION	QTY/WEIGHT
MIL320	Nutri-Leaf 20-20-20	25 LB
MIL325	Nutri-Leaf 20-20-20 (greenhouse)	25 LB
MIL201020	Miller's 20-10-20	25 LB
PM201020	General Purpose 20-10-20PLUS	25 LB
PM202020	Nutriculture General Purpose 20- 20-20	25 LB
PM15015	Hi-Cal Special 15-0-15PLUS	25 LB
PM15530	Plant Marvel 15-5-30 Pot Mum Finisher	25 LB
PM18618	Plant Marvel 18-6-18 Mag-Iron Fertilizer	25 LB
PM51226	Plant Marvel 3-15-26 Hydroponic Special	25 LB
PM15515	Geranium Feed	25 LB
PM20319	Petunia Feed	25 LB
PM124510	Starter	25 LB
NUT141414	Nutricote 14-13-13	50 LB
NUT131313	Nutricote 13-11-11	50 LB
NUT18-6-8	Nutricote 18-6-8	50 LB

Herbicides

ITEM #	DESCRIPTION	SIZE
HER24D	24D Amine Herbicide	1 gal
HERARS	Arsenal Powerline Herbicide	1 qt
HERCRE	Credit 41 Extra Herbicide	2.5 gal
HERDEV	Devrinol 50 DF Herbicide	4 lb
HERDIC	Dicamba HD Herbicide (Sterling Blue)	
HERGOA	Goal 2XL Herbicide	2.5 gal
HERGRA	**Gramoxone Herbicide	2.5 gal
HERLEX	**Lexar EZ Herbicide	2.5 gal
HERLIB	Liberty Herbicide	2.5 gal
HERLUM	**Lumax EZ Herbicide	2.5 gal
HERTRIME	Trimec Classic	1 gal

ITEM #	DESCRIPTION	SIZE
HERMAT	Matrix SG Herbicide	20 oz
HERMET	Me-Too-Lachlor II Herbicide Generic for Dual Magnum	2.5 gal
HERPOA	Poast Herbicide	2.5 gal
HERPRE	Prefar 4E Herbicide	2.5 gal
HERQUI	**Quik Quat Herbicide. (Paraquat)	2.5 gal
HERSAN	Sandea Herbicide	10 oz
HERSIN	Sinbar 80W Herbicide	5 lb
HERSNA	Snapshot Herbicide 2.5 TG	50 lb
HERSTR	Strategy Herbicide	2.5 gal

Call For Herbicide Pricing

**Requires Pesticide Applicator License to Purchase

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 46-47 to see what product effectively deals with which pests.

ITEM #	DESCRIPTION	SIZE
INSAB	Abamectin Insecticide (avid)	1 qt
INSABAC	**Abacus V Insecticide (miticide)	1 gal
INSACE	Acephate 97UP Insecticide (Orthene)	1 lb
INSACR	Acramite 50 WS Insecticide	1 lb
INSACT	Actara Insecticide	30 oz
INSADE	Adept Insecticide	1 lb
INSASC	Ascertain TR Insecticide (Attain)	2 fl oz
INSASS	Assail 30 SG Insecticide	64 oz
INSAV	Avid Insecticide	8 fl oz
INSAVI	Avid Insecticide	1 qt
INSAZ	Azaguard Insecticide OMRI	1 qt
INSBAY	**Baythroid XL Insecticide/Miticide	1 gal
INSBE	Beleaf 50 SG	1.5 lb
INSBRI	**Brigade 2EC Insecticide/Miticide	1 gal
INSBRIW	**Brigade WSB Insecticide/Miticide	2.5 lb
INSCAR	Carbaryl Insecticide	1 gal
INSCO	Conserve SC Insecticide	1 qt
INSCOR	Coragen Insecticide	1 qt
INSDAN	**Danitol 2-4 EC Insecticide	1 gal
INSDE	Decathlon 20wp Insecticide	5 lb
INSDEA	Deadline Bullets (Tan) Insecticide	50 lb
INSDEL	Delegate WG Insecticide	26 oz
INSDIP1	Dipel DF Insecticide - OMRI	1 lb
INSDIP2	Dipel ES Insecticide	2.5 gal
INSEN	Endeavor Insecticide	15 oz
INSENZC	**Endigo ZC (Pyrethroid)	1 gal
INSFUL	Fulfil Insecticide	27.5 oz
INSGRA	Grandevo Bioinsecticide - OMRI	5 lb
INSIMA	Imidan 70 WSB Insecticide	5 lb
INSKON	Kontos Mitecide Insecticide	250 ML

ITEM #	DESCRIPTION	SIZE
INSLAN	**Lannate 90 SP Insecticide	5 lb
INSMAC	Macho 2.0 FL Insecticide	1 pt
INSMAC1	Macho 2.0 FL Insecticide	1 gal
INSMAI	Mainspring Insecticide	1 pt
INSMAL	Malathion 5 Insecticide	1 gal
INSMARA	Marathon 1% G Insecticide	5 lb
INSMUS	**Mustang Maxx EC Insecticide	1 gal
INSNUD	**Nudrin LV Insecticide	2.5 gal
INSOBE	Oberon 2 SC Insecticide	1 gal
INSPER	**Perm-up Insecticide 3.2 EC	1 gal
INSPI	Piston Insecticides (Pylon)	1 qt
INSPITR	Piston Insecticide TR (Pylon)	2 oz
INSPLA	Platinum 75 SG Insecticide	8 oz
INSPOR	Portal XLO Insecticide	2.5 gal
INSPRO1	**Province Insecticide (Warrior)	1 gal
INSPY	1100 Pyrethum Tr(Insecticide)	2 oz
INSPYG	Pyganic EC 5.0 - OMRI	1 qt
INSRAD	Radiant SC Insecticide	1 qt
INSSA	Safari Insecticide	3 lb
INSSA12	Safari Insecticide	12 oz
INSSEV	Sevin XLR Insecticide	2.5 gal
INSSLU	Sluggo Insecticide - OMRI	50 lb
INSSUFX	Suffoil-X - OMRI	2.5 gal
INSSUL	Sultan (Miticide)	1 pt
INSTAL	Talstar Pro Insecticide	1 gal
INSTI	**Timectin EC Insecticide (miticide)	1 gal
INSTRI	Trilogy Insecticide	2.5 gal
INSVE	Venerate (OMRI)	2.5 gal
INSVEN	Venom 70 SG Insecticide	1 lb

Call For Herbicide Pricing **Requires Pesticide Applicator License to Purchase

Insecticide Reference Chart

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
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

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

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 95 to see what product effectively deals with which fungus.

ITEM #	DESCRIPTION	SIZE
FUNACT	Actiguard Fungicide	5 oz
FUNACTAG	Actinovate AG	18 oz
FUNACTIRON	Actino Iron	50 lb
FUNACTSP	Actinovate SP	18 oz
FUNBA	Banrot Fungicide	2 lb
FUNBRA	Bravo Weatherstick Fungicide	2.5gal
FUNCAB	Cabrio Fungicide	5 lb
FUNCAP2	CaptAn 4L Fungicide	2.5gal
FUNCAP5	Captan 50W-Arysta Fungicide	5 lb
FUNCAP806	Captan 80WDG - Albaugh Fungicide	6.25 lb
FUNCAP83	Captan 80WDG - Arysta Fungicide	30 lb
FUNCAPT	Captevate 68 WDG Fungicide	10.5 lb
FUNCE	Cease Fungicide - Organic	1 gal
FUNCHA	Champ Formula 2 Fungicide	2.5gal
FUNCOMMA	Companion Maxx - OMRI	2.5 gal
FUNCOWP	Companion Fungicide 2-3-2 - OMRI	5 lb
FUNDE	Decree Fungicide	2.5 lb
FUNDIT	Dithane F45 Fungicide	2.5gal
FUNEA	Eagle 20 EW Fungicide	1 pt
FUNELE	Elevate 50WDG Fungicide	2 lb
FUNEQU	Echo 720 Fungicide (Bravo)	2.5gal
FUNFON	Fontelis Fungicide	80 oz
FUNGCL	T- Methyl WP (clearys 3336)	2 lb
FUNGME	Medallion Fungicide	8 oz
FUNGPY	Phyton 35 Fungicide	1 L
FUNGSU	Subdue Maxx Fungicide	1 qt
FUNGTRL	Truban 25EC Fungicide	1 qt
FUNHAR	Harbour Fungicide (Agri-Mycin 17)	2 lb
FUNIND	Indar 75 WSP Fungicide	1 lb
FUNINS	Inspire Super Fungicide	1 gal

ITEM #	DESCRIPTION	SIZE
FUNKOC	Kocide 3000 Fungicide	4 lb
FUNKOC1	Kocide 3000 Fungicide	10 lb
FUNKUM	Microthiol Fungicide (Sulfur)-OMRI	30 lb
FUNMAN	Manzate Pro-Stick Fungicide	6 lb
FUNMAN30	Manzate Pro-Stick Fungicide	30 lb
FUNMIL	Milstop Fungicide - OMRI	5 lb
FUNMPE	M-Pede Fungicide	2.5gal
FUNOXI	Oxidate Biosafe Fungicide	2.5gal
FUNPAG	Pageant Intrinsic Fungicide	1 lb
FUNPRE	Presidio Fungicide	1 qt
FUNPREV	Previcur Flex Fungicide	1 qt
FUNPRI	Pristine Fungicide	7.5 lb
FUNPRO	Procure 480 SC Fungicide	1 qt
FUNQUA	Quadris Fungicide	1 gal
FUNQUI	Quintec Fungicide	30 oz
FUNRAL	Rally 40 WSP Fungicide	20 oz
FUNRAN	Ranman Fungicide	1 qt
FUNREL	Reliant Fungicide (Phostrol)	2.5 gal
FUNREG	Regalia Biofungicide	2.5 gal
FUNREV	Revus Fungicide	1 gal
FUNRIDS	Ridomil Gold SL Fungicide	1 pt
FUNRY	Rhyme Fungicide	50 oz
FUNSOV	Sovran DG Fungicide	1.25 lb
FUNST	Stargus Fungicide	2.5 gal
FUNSUL	Sulfur (Yellow Jacket) Fungicide -OMRI	30 lb
FUNSWI	Switch 62.5 WG Fungicide	28 oz
FUNTAN	Tanos Fungicide	7.5 lb
FUNTOP	Topsin - M70 WSB Fungicide	5 lb
FUNTOR	Torino Fungicide	34 oz
FUNVI	Vivando Fungicide	1 gal
FUNZAM	Zampro Fungicide	140 oz
FUNZIR	Ziram 76 DF Fungicide	10 lb

Quart Measuring Pitcher

These measuring and calibration pitchers are specifically designed for agricultural use. From a wide tapered spout that assures accurate pouring, to the open-ended handle that enables our pitchers to be gripped easily while wearing protective gloves. The durable pitcher is made in the USA from chemical-resistant polypropylene.

ITEM #	DESCRIPTION
AG1QT	1-Quart Measuring Pitcher for Chemicals

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

Pressure Compensated Plastic Weight Drippers

This feature allows the dripper assembly to be closed easily with one hand, preventing water and fertilizer from dripping on the plants or walkways below. With a quick glance, it's easy to see if the assembly is open or closed.

ITEM #	DESCRIPTION
PCT24	24"
PCT36	36"
PCT48	48"
	1/2 GPH - 2 LPH

Pre-assembled 4-way Spider

ITEM #	DESCRIPTION
NGE18	18"
NGE24	24"
NGE30	30"
NGE36	36"

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 #	DESCRIPTION
NMS24	24"
NMS36	36"
NMS48	48"

Nozzles for Micro Irrigation

ITEM #	DESCRIPTION	GPH
NMS024	Brown Nozzle for Micro	11.4
NMS032	Violet Nozzle for Micro	9.2
NMS055	Green Nozzle for Micro	27.7
NMS060	Orange Nozzle for Micro	31.7
NMS067	Yellow Nozzle for Micro	42.3
NMS075	Blue Nozzle for Micro	52.8

Spinners and Spreaders

ITEM #	DESCRIPTION
NMS40	Black Single Wing Spinner for Micro
NMS41	Black Round Spinner for Micro
NMS42	Green Kiwi Spinner for Micro
NMS43	Orange Oblong Spinner for Micro
NMS51	Purple Spreader For Micro
NMS52	Yellow Flat Spreader for Micro

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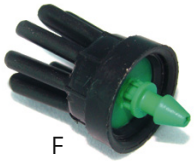
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	ITEM #	DESCRIPTION
A	**NGEF1**	1 Outlet ADP
B	**NGEF2**	Tee 2 Outlet, 2 Way Manifold
C	**NGEF3**	Stackable 2-Way Manifold - Open End
D	**NGEF4**	Stackable 4/way Manifold - Open End
E	**NGEF5**	Flat 4/way Manifold
F	**NMD8**	2 GPH 8 Way
G	**NMD83**	Angled 4" Dripper Stake
G	**NMD82**	Straight 3" Dripper Stake
H	**NMF45**	45 Degree Angle Adapter
I	**NMFP**	Plug
J	**NMFT**	2 Way Tee
K	**NMFX**	4 Way Cross
L	**NMS2**	Anti Drip - High Pressure (Blue) - Opens at 58 PSI - Closes at 35 PSI
L	**NMS2L**	Anti Drip - Low Pressure (Black) - Opens at 20 PSI - Closes at 9 PSI
M	**NMS33**	Butterfly Mount
N	**NMS1**	Agri-Connector - 1/2" FPT x 3/16" Barb
O	**NMS314**	12” Stake Plastic
P	**NMS3**	Bridge for Micro-Sprinkler
Q	**NMS35**	1/2" MPT Base

DAN Foggers

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

ITEM #	DESCRIPTION	GPH
NMF018	Blue Foggers	1.8
NMF036	Orange Foggers	3.6
NMF054	Red Foggers	5.4
NMF072	Black Foggers	7.2

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.

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

Features

- 360° 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

ITEM #	DESCRIPTION
SENTS06	
SENTS07	
SENTS08	

18 Volt DC Valve

In-line Valve Features

- Internal bleed, does not have 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
- **FPT inlet x FPT outlet, 10 - 150 operating pressure**

ITEM #	DESCRIPTION	FLOWRATE
DG007	3/4"	0.1-28
DG010	1"	0.2 to 35
DG015	1.5"	20 to 135
DG020	2"	30 to 165
DCSOL	2 Wire New Style DC Solenoid	
DCSOL3	3 Wire Old Style DC Solenoid	

DC Irrigation Controller

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

ITEM #	DESCRIPTION
DG540	D/C Four Station
DG560	D/C Six Station
DG710	D/C Single Station

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
- Fipt, 10 - 150 PSI

ITEM #	DESCRIPTION	FLOWRATE
EV007	3/4"	0.1 to 28
EV010	1"	0.2 to 35
EV015	1.5"	20 to 140
EV020	2"	30 to 170
ACSOL	AC Solenoid for the AC Valves	

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 #	DESCRIPTION
DG71010P	Propagation Controller w/1" Valve
DG71075P	Propagation Controller w/0.75" Valve
DG710AP	Single Station Propagation Controller

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

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 AA batteries.

ITEM #	DESCRIPTION
DG71075	3/4"
DG71010	1"
DG71015	1.5"
DG71020	2"

Suction Strainer

This is a weighted strainer that accepts 1/4" or 3/8" clear hose. When dropped into a bucket the bottom is heavier and it will stand upright and not suck any debris off of the bottom of the bucket

ITEM #	DESCRIPTION
MICS84	1/4" & 3/8" Insert

Water Filters

DIG Filter Screens

ITEM #	DESCRIPTION
DGF007	3/4"
DGF010	1"
DGF150	1.5"
DGF020	2"
DGFO1.5-2	O-Ring for 1.5" to 2" Filters
DGFO.7-1	O-Ring for 3/4" to 1" Filters

Dig Replacement Screen

ITEM #	DESCRIPTION
RDS01	SS Screen For 3/4" or 1" Dig Filter
RDS02	SS Screen For 1.5" Dig Filter
RDS03	SS Screens for 2" Dig Filters

Injectors

Automatic Proportional Fertilizer Injector

Economical, flexible and easy-to-use, the Add-It™ and Fertilizer Caddy ™ Automatic Proportional Fertilizer Injectors are ideal for residential, commercial and greenhouse use including feeding lawns, shrubs, trees, flowers, raised beds, vines and potted plants automatically, without a pump, spreaders or hoses. They are available with capacities from one pint to 5 gallons and are designed to feed your plants using any liquid fertilizer nutrients or premixed liquid of water-soluble granular fertilizer through your drip irrigation, micro sprinkler, misting or sprinklers system. Add-It™ and Fertilizer Caddy ™ Automatic Proportional Automatic Fertilizer Injectors are designed for use under the water pressure presented in any the irrigation system with up to 80 PSI.

Specifications

Operating pressure: 10 to 60 PSI (.7 to 4.2 BAR)
Minimum operating pressure: 10 PSI (.7 BAR)
Minimum flow rate: .5 GPM (2 L/M)
Sizes: 1 pint (.47 L)
Preset Ratio: 100:1, 100 parts water to 1-part additive
Temperature range: up to 130°F (54°C)
Inlet and outlet threads: FHT Inlet X MHT outlet or (FPT x MPT)
Material: PVC
Mounting position: Vertical

ITEM #	DESCRIPTION
DG516	Automatic Proportional Fertilizer Injector

Dosatron Injector

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

ITEM #		GPM	SIZE
DOS14	D14MZ2VFII	14	3/4"
DOS20	D45RE15VFII	20	1"
DOS40	D8RE2VFII	40	1.5"
DOS100	D25F1VFII	11	3/4"

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 #	DESCRIPTION
DOS11KIT	
DOS14KIT	
DOS20KIT	
DOS40KIT	

Bypass Plumbing for Dosatron

ITEM #	DESCRIPTION
DOSBY10	Bypass Plumbing for Dosatron (11 & 14 gpm)

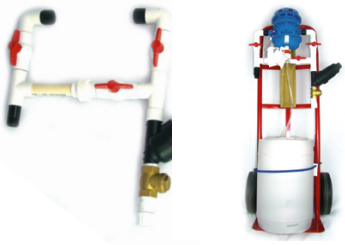
Dosatron Bypass Valves

ITEM #	DESCRIPTION
DOSBY11	Bypass Valve for the 11 GPM
DOSBY1440	Bypass Valve for the 14 GPM & 40 GPM

Dosatron Injectors on a Cart

ITEM #	DESCRIPTION
DOS110	3/4" 14 GPM Dosatron On Cart
DOS109	3/4" 11 GPM Dosatron On Cart

Other parts can be ordered. Call 717.532.5918



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 #	DESCRIPTION
CPI12	12 GPM - Model CH9000
BYPC	Bypass Assembly with Filter
CPI121	w/Cart. w/Bypass. +6 gal tank
CPIFG9927	Hose Assembly for Chemilizer

We stock a wide variety of parts such as, rebuild kits, pumps, Kynar Sleeves, O-rings etc. We can also repair or rebuild your chemilizer injector. Please call for availability and Price of parts.

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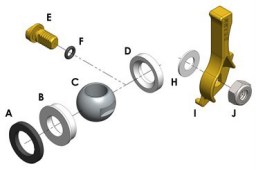
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Fittings

	ITEM #	DESCRIPTION
A	**GHF78**	Full Flow Plastic Valve
B	**BBV0075**	Brass Hose Valve
C	**GHF77**	Garden Hose Plastic Valve
D	**BBV0076**	Brass Garden Hose Valve Repair Kit
E	**BBV0077**	Brass Twin Shut-off Valve Wye
F	**GGA310**	Pistol Grip Heavy Duty Insulated Nozzle
G	**GHF07**	Female Plastic Hose Ends - 5/8" to 3/4"
H	**GHF12**	Rubber Hose Washers - pack of 10
I	**GHF14**	Hose Washers w/Screen
J	**GHF17**	Male Plastic Hose Ends - 5/8" to 3/4"
K	**GHF7**	Hose End Cap (FHT)
L	**GHF27**	Plastic Hose Mender - 5/8" to 3/4"

NOTICE:
The new lead law requires all potable water fittings to be lead free. Since then, most of our vendors are carrying just one line of lead free brass. The price of lead free brass is very comparable to stainless steel. In light of this, we will be switching all brass fittings to stainless steel fittings.

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 #	DESCRIPTION
GHF770	Plastic Wye

Hose Punch

ITEM #	DESCRIPTION
DTFDPT	1/8" to 3/16" Barbs

Orchard Tubing Punch

ITEM #	DESCRIPTION
OTFDPTB	EZ Punch Blue Tip. 0.100" Hole
OTFDPRB	EZ Blue Replacement tip, .100" Hole
OTFDPRBG	EZ Green Replacement tip, .150" Hole
OTFDPRR	EZ Red Replacement tip, .075" Hole

Oval Hose Goof Plugs

Oval Hose & Orchard Tubing Punches.

ITEM #	DESCRIPTION
OTMP1	Plugs 1/8”-1/4” holes 10/Pack

Bulk Garden Hose

Try our higher quality hexagon shaped garden hose for better kink resistant and durability. Instead of bulky hose clamps, we can crimp the hose ends. Order a custom length 5/8" or 3/4" garden hose.

ITEM #	DESCRIPTION
GHG006	Garden Hose 5/8"
	Bulk Roll of 325'
GHG075	Garden Hose 3/4"
	Bulk Roll of 330'
GHGD006	Garden Hose 5/8" (yellow)
	Bulk Roll of 330'

Dramm Garden Hose

No need for clamps or hose ends that get loose! We can do factory crimped hose ends.

ITEM #	DESCRIPTION
RBRH5034	3/4" x 50'
RBRH10034	3/4" x 100'
RBRHS50	5/8" x 50'
RBRHS100	5/8" x 100'

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 #	DESCRIPTION	
BVT0012	1/8" x 100'	#1
BVT00121	1/8" x 1000'	#9
BVT002	1/4" x 100'	
BVT0021	1/4" x 1000'	

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 #	SIZE	PSI	WEIGHT
BPT0051	1/2" x 100'	55	#5
BPT0055	1/2" x 500'	55	#22
BPT0059	1/2" x 1000'	55	#44
BPT0071	3/4" x 100'	55	#8
BPT0075	3/4" x 500'	55	#36
BPT0100	1" x 100'	46	#9
BPT0102	1" x 250'	46	#21
BPT01660	1" x 660'	46	#58

Electric Sprayers

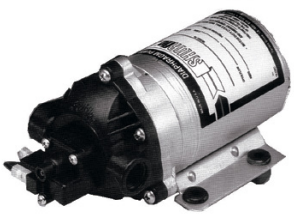
Spray Caddie

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.

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.

ITEM #	DESCRIPTION
SUP5	Electric Spray Caddie



Surflow Pump 12V

ITEM #	DESCRIPTION
SHUPUM	

Dramm Mini AutoFog

The Dramm Mini Autofog is an easy to use, low volume chemical applicator designed with smaller greenhouses in mind. The MLVH can treat 5,000 sq.ft. automatically without an operator present. It can easily apply a wide variety of chemical formulations using a highly concentrated spray solution. A specially designed nozzle generates billions of micro-particles (0.05 - 10.0 microns) that fill the entire treatment area with active chemical. These tiny particles ensure complete and even coverage of all plant surfaces. This “low-volume” method of applying chemical solutions eliminates costly run-off and reduces the amount of chemical needed.

Specifications

- 8 Liter tank size
- Electro-mechanical (60 rpm) agitation
- 21 PSI Operating pressure
- Adjustable Nozzle Height 5-7 feet
- Standard Treatment Area of up to 5000 sq ft
- Nozzle - Air atomizing, outputs 8 liters in 4 hours
- 110v voltage
- Dimensions - W: 10" x H: 5-7 ft

ITEM #	DESCRIPTION
GGA150	

Dramm Electric Sprayer 4 gal

The Dramm BP-4LI Back Pack Sprayer is a rechargeable, battery-powered sprayer that fits comfortably on your back.
Operating at a maximum pressure of 150 psi, the BP-4LI offers an adjustable pressure knob for flexibility in spraying. Using the high-pressure setting, the BP-4LI atomizes spray solutions better than other backpack sprayers, ensuring excellent coverage.
The battery-operated pump ensures even flow rates, perfect for even application of plant growth regulators, insecticides, fungicides, herbicides and other greenhouse chemicals. The BP-4LI can run for up to 1 hour on a full charge and recharges in 4 hours. The 4 gallon tank capacity is just the right size. Perfect for spot treatments or concentrated applications, but small enough to still be comfortable to wear.

ITEM #	DESCRIPTION
GGA100	

Fogit Greenhouse Sprayer

The Fogit Greenhouse Sprayer applies chemicals at a low-volume rate. This means that the same amount of active chemical is applied to a given area, but the chemical is diluted into reduced amounts of water. Because low-volume is very efficient, many users have found that lower volumes of chemicals can be used with the same results.

The Fogit Greenhouse Sprayer will require a minimum of 2 liters of water and the chemical to treat 5,000 sq. ft. If less than 5,000 sq. ft. is treated, a minimum of 2 liters of water is still used.

The Fogit Greenhouse Sprayer will do a greenhouse 75 feet in length. If a greater distance is needed, it will need circulating fans in the greenhouse or a dual head model.

Low-volume application is only possible when extremely fine particles are produced. The micronized chemicals stay suspended for up to 6 hours and are distributed by horizontal airflow fans and natural air currents.

Container volume is approximately 4 liters and it takes 3-4 CFM of air to operate the fogger. 9 CFM for the dual head.

ITEM #	DESCRIPTION
FOGGRS1	Fogit Greenhouse Sprayer (Single Head)
FOGGRS2	Fogit Greenhouse Sprayer (Dual Head)
FOGGRS110C	110 Volt Air Compressor, W/Timer
FOGGRS110TA	110 VAC Air Valve, Prewired Timer
FOGGRS110TE	110 VAC Electric Switch, Prewired Timer

Pre-Wound Tomato Hook

29'+9' Freefall Twine; The double tomato hook with twine is used in greenhouse tomato production. It makes trellising easier, in addition to providing strong support. This hook type is very fast and easy to install, thus saving considerable time. It has two rolls of twine, one to use immediately and the other to drop as needed. Lead time is 7 days.

ITEM #	DESCRIPTION
PTH	

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 algaecide is an ideal biodegradable solution for greenhouse and nursery growers. Green-Shield is EPA-registered for broad-spectrum control of pathogens and algae on greenhouse glass, walkways, evaporative coolers and decorative pools and ponds. Won't damage clothes.

ITEM #	DESCRIPTION
GGS2000	1 Gal

MILLER SporeQuell SporeQuell™ 5.6%

SporeQuell

SporeQuell™ 5.6% is a peroxyacetic acid-based sanitizer/disinfectant developed for the following uses: Bacteria, slime, odor and algae control in agricultural waters.

ITEM #	QTY/WEIGHT
MILSQ5.6	2.5 gal

Ken-Bar products for the grower

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 #	DESCRIPTION
AT10	11" Wide by 10' Long Heat Mat
AT04	11" Wide by 4' Long Heat Mat
AT220	Weather Proof Controller, has one plug through cord and dial adjusting thermostat. Controls up to 50' of tape 13 amp rated.
ATJR	Agritape Junior controller made by Ken-Bar controls up to 80' of tape. 13 amp rated.
ATO1	"Heavy duty controller with "on" light. Controls up to 120' of tape. 20 amp rated.

Florist Foil

ITEM #	COLOR
CFFB	Crystal Blue
CFFN	Navy
CFFC	Cranberry
CFFA	Azalea
CFFBL	Black
CFFE	Emerald
CFFR	Cardinal Red

ITEM #	COLOR
CFFRB	Royal Blue
CFFMA	Mallard
CFFSI	Silver
CFFW	White
CFFG	Gold
CFL	Lavender
CFFP	Purple

Handi-Reach Waterer

Manufactured by DRAMM, these handles are inexpensive yet a great watering time saver.

ITEM #	DESCRIPTION
GGA24	24" Long
GGA36	36" Long
GGA360	36" Curved
GGA48	48" Long

Wonder Waterer

The Wonder Waterer is the highest quality nozzle around for watering seedlings. It's laser cut face plate creates a gentle, precise water pattern that won't disturb delicate seedlings. Ask around! You'll find that plug growers LOVE their Wonder Waterer

ITEM #	DESCRIPTION
WW3	Wonder Waterer
WW31	Face Plate

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 #	DESCRIPTION
GGA27	One Touch Valve, Hi Flow

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 #	DESCRIPTION
GHF777	Touch-n-Flow Valve

Dramm Revolver

Revolver™ Nine spray patterns. Quick-click pattern changing. Ergonomic insulated grip. Heavy-duty construction. Lifetime guarantee.

ITEM #	DESCRIPTION
GGA250	Dramm Revolver

Dramm Metal Fan Nozzle

Fan Nozzle. Heavy duty metal. Ergonomic insulated grip. Lifetime guarantee.

ITEM #	DESCRIPTION
GGA260	Dramm Metal Fan Nozzle

Dramm Water Timer

ColorStorm™ Water Timer. Mechanical water timer. Turns water off automatically. Up to 120 minutes. Lifetime guarantee.

ITEM #	DESCRIPTION
GGA25	Dramm Water Timer

Fogg-it Nozzle

Made of durable bronze, this nozzles gives a fine mist for delicate stock.

ITEM #	DESCRIPTION
GGA292	1 GPM

Filter Screen and Case

ITEM #	DESCRIPTION
WW32	Filter Screen
WW33	Filter Case

Digital Hose End Timer

The B09D 3/4" Digital Hose End Timer, one in DIG's newest range of hose end timers, offers simplified programming and improved monitoring of battery power with less current, resulting in longer battery life and more reliable operation. With higher flow rates at lower inlet pressures and a range of programming features, the B09D delivers a reliable and cost-effective solution for residential use. The timer has four start times per day with durations from 1 minute to 12 hours 59 minutes in an operating flow range of .5 to 6.3 gallons per minute, allowing use in a wide range of applications including drip irrigation or micro sprinkler systems connected to a garden hose or faucet/spigot. It uses one 9-volt alkaline battery that can last for over a year.

ITEM #	DESCRIPTION
DG9001D	Battery Op Garden Hose Controller

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., Minimum 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 #	DESCRIPTION
GGA200	

3.2mm Grafting Clip

Grafting clips for cucumber & watermelon rootstock. Increasingly greenhouse tomato growers are using grafting to both decrease susceptibility to root diseases and to increase fruit production through increased plant vigor. Specially developed for various types of plants according to graft Japanese seed method, called the head-grafting.
Made of soft, flexible material with the proper light transmission. This material ensures easy grafting and prevents damage to the plant during the grafting and during the further growth of the plant.

ITEM #	DESCRIPTION
GC3.2	3.2 MM Grafting Clip

Kind LED Grow Light

The X40 and X80 are the most versatile LED bars lights on the market. With a wide-angle footprint and Perfect Blend Ideal Spectrum, the X-Series bar lights will be the ideal addition to any seedling, propagation, mixed-light, supplemental, complete indoor, or greenhouse application.

ITEM #	DESCRIPTION
KINLEX	LED x 40 24"
KINLEX4	LED x 80 48"

Sensaphone Monitoring System

The Sensaphone monitoring systems offer small business owners, vacation property owners and other property managers an easy and inexpensive way to monitor a remote facility. Previously called auto dialers these systems notify you if they sense undesirable temperatures or other conditions. When the system is connected to a standard telephone line, you can record custom alert condition notifications and receive alarm messages in your own voice. This system can set off a local alarm if a phone line is cut and control a thermostat to adjust site temperature between 2 set points. Non-volatile memory retains system settings in the event of power loss. You can call in by phone to get the status of each monitored condition.

- Auto dialer temperature alarm provides instant notifications
- Simple, convenient, cost effective remote monitoring for vacation homes and property managers
- Record custom voice alerts and receive alarm messages in your own voice
- Receive voice alerts and alarm notifications over standard telephone lines
- Notifies up to four people by voice phone call in the event of an alarm
- Up to four or eight external sensors monitor temperature, humidity, water and more
- Included relay output can switch local devices on/off based on alarm activity

Use a dual setback thermostat to control temperature between two set points

ITEM #	DESCRIPTION
SEN400	Sensaphone 400
SEN800	Sensaphone 800
SENTS	Sensaphone Weatherproof Sensor

Cardboard Plant tray

Use this handy inexpensive cardboard box for your customers to carry their purchases out to their vehicle and also it will protect their vehicle's carpet from dirt. No stapling or taping required, just fold and go.

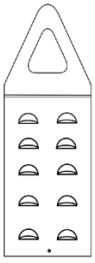
ITEM #	DESCRIPTION
CPTS	Small; 13.125"L x 7.5"W x 2.75"H
CPTL	Large; 21.5"L x 10.75"W x 3"H

Yellow Sticky Traps

ITEM #	DESCRIPTION	COUNT
PT24	3" x 5"	50

18" Bamboo Stakes

ITEM #	DESCRIPTION
BS12O1	12" Split Stakes - 1000/bundle
BS18O1	18" Bamboo Stakes - 1000/bundle
BS24O1	24" Bamboo Stakes - 1000/bundle



Generation II Flower Pouches

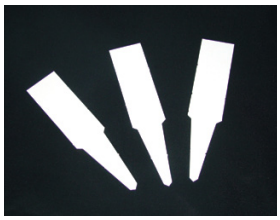
- Over 25 years and still growing!
- The NEW generation 2 flower pouch's now has the grower requested features of half moon openings for easier planting and better collection of water.
- Guaranteed for 12 month growing season
- Contains Recycled Content
- Half Moon Openings
- UV Protected
- Loop Handle, or Dual (Saddle Style)
- Economical & Environmentally Friendly!

ITEM #	DESCRIPTION
GFP1	Gen II 10 Slit Flower Pouch
GFP3	Gen II 3 Slit Flower Pouch
GFP4	Gen II 4 Slit Saddle Flower Pouch
GFP5	Gen II 5 Slit Flower Pouch
GFP6	Gen II 6 Slit Flower Pouch
GFP8	Gen II 8 Slit Saddle Flower Pouch

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 #	DESCRIPTION
GSC10	



White plastic

Plastic Plant Labels

ITEM #	DESCRIPTION	QTY
PPL045	4.5" x 1"	1000/roll
PPL04	4" x 5/8"	1000/box
PPL05	5" x 5/8"	1000/box
PPL06	6" x 5/8"	1000/box
WPL08	8" x 7/8'' Wood Plant Labels	500/cs
WPL12	12" x 1.2'' Wood Plant Labels	100/cs
PTL06	7" x 5/8" Plastic Tree Tag	1000/box

Black Permanent Markers

Works well with pot and basket tags Medium Tip

ITEM #	DESCRIPTION
GGA3000	Sharpie Fine Point
GGA3	Garden Marker Fade Resistant

Extension Hangers

Heavy Duty “S” Hooks 1-3/8” Hooks at both ends. 25 per bundle

ITEM #	DESCRIPTION
S06	6"
S12	12"
S15	15"
S18	18"
S24	24"
S30	30"
S36	36"

Wooden Trellis

Made from durable treated pine. 25/bundle. Top width 8”

ITEM #	DESCRIPTION
WT18	18"
WT24	24"
WT30	30"
WT36	36"

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 fits easily into a test tube

ITEM #	DESCRIPTION
HANPHKIT	pH Test Kit
HANPH4.01	4.01 PH Buffer
HANPH7.01	7.01 PH Buffer

HANEC/PPM, EC/PPM Meter Test Kit

- Waterproof
- Fast Automatic Temperature Compensation with exposed temperature probe
- Graphite sensors that reduce polarisation effects
- 0.5 (500 ppm) and 0.7 (700 ppm) selectable EC to TDS conversion factors
- Single point automatic calibration using Quick Cal standard or 1.41 mS/cm in standard calibration mode
- 250 hour battery life
- Easy two button operation

ITEM #	DESCRIPTION
HANEC/PPM	Meter Test Kit

Siren

You can hook this siren up to the High Low Temp. Alert which is powered by a 6-12 volt battery. You can set your min/max and the alert will activate the siren. Use the siren for outdoors where your greenhouse is a distance away.

ITEM #	DESCRIPTION
GEA301	115 Decibels

Bell

Hook this bell up to the High Low Temp Alert which is powered by a 6-12 volt battery. You can set your min/max and the alert will activate the bell. Use the bell for indoors or where a siren is to loud

ITEM #	DESCRIPTION
GEA303	78 Decibels

High Low Temp. Alert

Set your desired temperature limits between -30 to 130 degrees No magnetic switch. Metal contacts are normally open. For 6 to 12 volt use only. No relay needed.

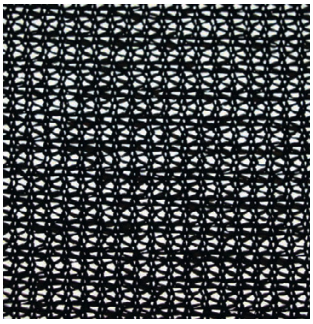
ITEM #
SEN022

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 mono-filament 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. $1000+ 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 #	DESCRIPTION	SHADE
GSC06	6'	30%
GSC12	12'	80%
GSC26	26'	50%
GSC34	32'	50%

KRLS

Liquid shade covering

ITEM #	DESCRIPTION
KRLS	1 gal

Nylon Zip Ties

ITEM #	DESCRIPTION
NCT04	4"
NCT08	8"
NCT11	11"

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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 ❑ UPSCarrier:_____

Please specify your preference of Motor Freight carrier and if you need liftgate service.
If none is specified 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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Shippensburg PA 17257

888.381.8641

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