

G & M Ag Supply Company, LLC

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NURSERY, GREENHOUSE, AND ORGANIC GROWERS CATALOG

*. . . providing quality products
and individualized service
at competitive prices
since 1988*

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Business Hours: Monday through Friday, 9:00 am - 4:00 pm MST
(AZ does *not* observe Daylight Savings' Time)

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2013

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To Our Valued Customers:

Thank you for visiting our website, which provides information about our company and the products we supply.

Prices have gone up a little on many of our products, but shipping charges are affecting the total cost the most. We will continue to strive to offer high quality items at the best possible price. We hope our products help you grow the best crops ever for you and your customers.

We now have a black woven heavy duty sandbag (Page 2) that should last four to five years, which is far superior to the sandbags that we were getting before.

If there are items you need but don't see in our catalog, please call, fax, or email us and we'll try our best to locate them for you.

We look forward to providing you with prompt, helpful, dependable service at competitive prices--and we wish you success in all of your growing endeavors.

Sincerely,

Mark Miller
President

G & M Agricultural Supply Company
2013 NURSERY, GREENHOUSE, AND ORGANIC GROWERS CATALOG

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ROW COVERS AND ACCESSORIES

Made of spunbonded polyester or spunbonded polypropylene, or polyvinyl alcohol in weights of 0.45 to 0.9 oz./sq. yd. Fabric is light enough to lie directly on most plants and provides excellent insect protection. Usually considered to be a one-season fabric, with care in handling and storage it may last for two seasons. Produces a few degrees of frost protection and can be doubled or tripled to provide more cold protection.

J & M Industries "AG-15" - A 0.45-oz./sq. yd. lightweight spunbonded polypropylene fabric, approximately 90% light transmission..

9'10" X 1500' Roll	\$ 195.97
9'10" X 2000' Roll	283.79
19' X 2000' Roll	590.18

J & M Industries "AG-19" - A 0.55-oz./sq. yd. spunbonded polypropylene fabric. Approximately 85% light transmission.

83" X 500' Roll	65.44
83" X 1000' Roll	130.80
83" X 2000' Roll	262.52
10' X 500' Roll	95.32
10' X 1000' Roll	190.61
14' X 1000' Roll	256.00
20' X 1000' Roll	377.44

(Rolls up to 50' wide are available. Contact us for pricing.)

Dio Betalon – This product replaces Tuffbell Natural, which is no longer being produced. Dio Betalon is made with the same P.V.A. resin and the same Tuffbell technology, and is being produced on the same machinery. The fabric absorbs dew and frost and holds in more heat at night and prevents overheating during the day. Approximately 93% light transmission.

78" X 20' with eight clips	65.86
78" X 109'	303.11
78" X 328'	818.23
117" X 20' with eight clips	98.11
117" X 109'	451.13
117" X 328'	1,353.38

J & M Industries “AG-30” - A 0.9-oz./sq. yd. spunbonded polypropylene fabric. Approximately 70% light transmission.

83" X 500' Roll	\$
102.71	
83" X 800' Roll	
189.17	
14' X 800' Roll	351.30
26' X 800' Roll	652.12

(Rolls up to 39' wide are available. Contact us for pricing.)

Row Cover Accessories:

Anchoring Pins - U-shaped steel pins (6" or 8" long) are designed for securing row covers. Can also be used to anchor landscape fabric, frost fabric, and drip irrigation tubing.

1 Box of 500	6"-Long Pins 11-Gauge	33.66
1 Package of 12	6"-Long Pins 11-Gauge	1.08
1 Box of 1000	8"-Long Pins 11-Gauge	80.71

Re-Pins - UV-treated plastic pins (7" long) designed for anchoring coverings for relatively short periods of time. Used mainly for row covers and frost fabrics.

1 Box of 300	46.69
1 Package of 6	1.42

Sand Bags - High UV-resistant black heavy duty sand bags provide an excellent way to secure row covers or frost fabric, even in very windy conditions. Will last 4 to 5 years.

1 Bundle of 100	31.00
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Shark Bite Fasteners – A new gripper fastener designed to bite into a variety of fabrics and poly film. The unique “shark tooth” design enables permanent or temporary fastening of all types of materials. Contact us for a free sample.

Package of 10	3.60
Package of 100	36.00

FROST PROTECTION FABRIC AND ACCESSORIES

Made of spunbonded polypropylene, spunbonded polyester, or woven polypropylene in weights of 1.25- to 3.1-oz./sq. yd. Needs to be placed over wire hoops for most plants and will provide protection to nearly 24° F. for the 2.0-oz./sq. yd. spunbonded fabric and to nearly 20° F. for the 3.0-oz./sq. yd. spunbonded fabric and the woven polyethylene material. Should last for two or more seasons.

DeWitt “N-Sulate” - A 1.5-oz./sq. yd. spunbonded polypropylene fabric. Approximately 50% light transmission.

12' X 250' Roll	121.60
12' X 500' Roll	235.99
(Can also be sewn into pieces up to 52' X 150'. Quotations provided upon request.)	
Cases of Twelve 10' X 12' Packages	100.92

DeWitt “Supreme” - A 1.5-oz./sq. yd. spunbonded polypropylene fabric. Approximately 50% light transmission.

12' X 500' Roll	226.52
24' X 500' Roll	499.89

(Rolls up to 36' wide are available. Contact us for pricing.)

J & M Industries "AG-50" - A 1.5-oz./sq. yd. spunbonded polypropylene fabric. Approximately 50% light transmission.

83" X 500' Roll	\$
186.70	
10' X 500' Roll	262.52
14' X 500' Roll	368.10

(Rolls up to 50' wide are available. Contact us for pricing.)

J & M Industries "AG-70" - A 2.0-oz./sq. yd. ultra-heavyweight spunbonded polypropylene fabric. Approximately 30% light transmission.

13' X 100' Roll	88.28
13' X 300' Roll	295.23

(26' widths are also available. Contact us for pricing.)

DeWitt "Ultimate" - A 3.0-oz./sq. yd. spunbonded polypropylene fabric. Less than 30% light transmission.

6' X 250' Roll	124.25
12' X 250' Roll	246.09
15' X 250' Roll	303.91

Frost Protection Accessories:

Wire for Hoops – Galvanized steel wire for supporting frost fabric, row covers, and plastic tunnels.

1 38-pound Bundle of 100, .135 dia. Wires, 76" long	80.40
1 25-pound Coil of .135 dia. Wire	58.00
1 Box, J & M Loop Hoops, 16" wide by 22" high, 100/box	180.00

Season Extenders - A double ring of plastic with seams that form columns of water. When these cavities are filled with water, they provide frost and wind protection for frost-tender plants.

1 Case of 27 (While supply lasts)	71.00
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Hotcaps - Strong waxpaper domes for covering individual plants

Regular Size (6½" High X 11" Diameter) Package of 20	21.96
Regular Size (6½" High X 11" Diameter) Case of 10 Packages of 20	204.00
Regular Size (6½" High X 11" Diameter) Case of 1000	408.30
King Size (9½" High X 11" Diameter) Package of 20	31.44
King Size (9½" High X 11" Diameter) Case of 5 Packages of 20	146.10
King Size (9½" High X 11" Diameter) Case of 500	362.10

(Bulk quantities are also available.)

MULCH FILMS

A variety of mulch films are available, including smooth and embossed black, clear, red, and green plastic.

1-Mil., Smooth, Black or Clear Plastic Mulch Film - 100% virgin, linear, low-density material.

4' X 2000' Roll	68.40
4' X 4000' Roll	136.80
5' X 2000' Roll	86.40
5' X 4000' Roll	171.60
6' X 2000' Roll	103.20

.9-Mil., Embossed, Black or Clear Plastic Mulch Film - Embossed plastic mulch is easier to lay, hugs the ground (will not balloon), is easier to remove, and can be laid flat.

	<u>Black</u>	<u>Clear</u>
3' X 4000' Roll	\$ 93.60	\$ 109.20
4' X 2400' Roll	75.60	
4' X 4000' Roll	126.00	145.20
5' X 2400' Roll	93.60	
5' X 4000' Roll	156.00	181.80

1-Mil., Embossed, Green IRT 100 Plastic Mulch Film - Provides the best combination of heating and weed suppression in one mulch film.

3' X 4000' Roll	166.20
4' X 4000' Roll	221.40

1-Mil., Embossed, SRM-Red Plastic Mulch Film - Performs like black mulch, warming the soil and retaining moisture. When used with tomato crops, SRM-Red has been shown to increase production from 12 to 20% of first-quality fruit relative to black mulch. Other crops, such as strawberries, may also benefit from SRM-Red mulch film.

4' X 600' Roll	90.00
4' X 3000' Roll	336.00

Paper Mulch Film - A black, biodegradable paper mulch that provides weed suppression and moisture retention.

4' X 1500' Roll	216.00
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(Call to check on availability and price.)

DeWitt Biodegradable Paper Mulch -A brown paper mulch made from premium recycled paper, chemical free and OMRI approved.

4' X 300' Roll	85.90
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Bio Telo Degradable and Compostable Mulch Film - A .6-mil., black mulch film which is a non GMO cornstarch-based material. Ecocert Canada has certified that the material meets organic standards and is approved for organic agriculture

3' X 7,000'	475.00
4' X 5,000'	440.00
5' X 4,000'	440.00

(Bio Tech mulch film is also available in .5-mil., .7-mil., .8-mil., and 1-mil. thicknesses.)

WOVEN MULCH FABRIC, COMPOST COVERS, AND LANDSCAPE FABRIC

Woven Mulch Fabric - DeWitt Sunbelt is a black woven ground cover fabric for use in greenhouses and outdoor areas.

3' X 300' Roll	63.80
4' x 300' Roll	85.07
6' X 300' Roll	131.72
10' X 300' Roll	216.75

Compost Covers - DeWitt Sunbelt is a black polypropylene fabric that will shed rain, yet allows air to penetrate for good composting conditions. Holds up for a minimum of five years when fully exposed to the sun. Contact us for pricing on custom sizes.

10' X 300' Roll	\$ 216.75
12' X 300' Roll	268.47
15.5' X 300' Roll	335.96

Landscape Fabrics - Woven black landscape fabrics provide a non-chemical method of weed control while allowing air, water, and nutrients to pass through to plant roots.

DeWitt Pro5 Weed Barrier (5-oz./sq. yd. woven fabric):

4' X 250' Roll	130.60
6' X 250' Roll	195.90
8' X 250' Roll	261.20

DeWitt Weed Barrier (4-oz./sq. yd. woven fabric):

4' X 250' Roll	121.44
6' X 250' Roll	182.16
8' X 250' Roll	242.89

Reemay – Standard grade and professional grade Typar spunbonded polypropylene landscape fabrics are available in tri-packs, in widths from 3' to 12'7". Contact us for pricing of specific items.

Heavier grades of geotextile fabrics (up to 7.8-oz. per square yard) are also available. Contact us for sizes and pricing.

DeWitt Natural Burlap - A biodegradable fabric used for soil erosion control, for wind protection, or for wrapping the balls of trees and shrubs that are to be transplanted.

4' X 250' Roll	81.60
6' X 250' Roll	116.21

(Burlap bags are also available. Contact us for pricing of specific items.)

PERFORATED PLASTIC FOR TUNNELS

This plastic has 3/8" holes punched every 2½" in rows that are 3" apart, in order to ventilate excessive heat during the day while providing some frost protection for early spring planting.

6' X 2000' Roll	Clear	107.10
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SHADE CLOTH AND ACCESSORIES

A variety of shade cloth fabrics and shade factors are available. Bulk roll prices are provided and custom-made panels can be ordered with tape and brass grommets. Quotations for custom-made panels provided upon request.

DeWitt and Green-Tek Knitted Shade Cloth - Both companies supply black knitted shade cloth with from 30% to 90% shade. Can be used without taped edges. Standard widths vary, but in general are 6', 10', 12', 20', 26', and 32'. Square-foot pricing is as follows:

30%		\$.129
40%			.132
50%			.138
60%			.193
70%			.226
80%			.240
90%			.248

Other colors are available as follows:

22% White	6', 12'		.107
40% White	8', 12', 20', 26'		.156
50% White	6', 10', 12', 20', 26'		.285
60% Green	6', 10', 12', 20', 26', 32'		.227
65% Tan	6', 12'		.350
65% Red	12'		.350
70% Blue	12'		.350
70% Brown	6', 12'		.240

PAK Unlimited Knit Shade Cloth - Made of UV-resistant, high-density polyethylene, this fabric has excellent resistance to ripping, tearing, and fraying. Standard widths with square-foot pricing are as follows:

30% White	12'		.264
30% Green	12'	.138	
30% Black	12'		.138
50% White	12'		.216
50% Black	12'		.174
50% Green	12'		.174
70% Green	12'		.222
70% Black	12'		.222

DeWitt and PAK Unlimited, Woven Shade Cloth - Black woven shade cloth is available with from 30% to 80% shade. Requires taped edges to prevent unraveling of the fabric. Standard widths with square-foot pricing are as follows:

30%	6', 10', 12', 15'		.187
47%	6', 10', 12', 15'		.157
55%	6', 10', 12', 15'		.174
63%	6', 10', 12', 15'		.206
73%	6', 10', 12', 15'		.231
80%	6', 10', 12', 15'		.260
95%	6', 10', 12', 15'		.262

PAK Privacy Shade Cloth - Dark green shade cloth. Standard widths, with square-foot pricing, are as follows:

90%	5'8", 7'8"	\$.191
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Green-Tek Aluminet Shade Cloth - Aluminet shade cloth is knitted with HDPE yarns and is coated with a special aluminum that has been treated to prevent oxidation. Provides extra cooling in the summer and preserves heat during the winter. Standard widths and square-foot pricing are as follows:

30%	6'6", 13', 19'6", 26'	.240
40%	7', 14', 21', 28'	.240
50%	7', 14', 21', 28'	.240
60%	7', 14', 21', 28'	.264
70%	7', 14', 21', 28'	.300

Shade Cloth Accessories:

Shark Bite Fasteners – A new gripper fastener designed to bite into a variety of fabrics and poly film. The unique “shark tooth” design enables permanent or temporary fastening of all types of materials. Contact us for a free sample.

Package of 10	3.50
Package of 100	35.00

Clip-It's - A modification of Eyelets, Clip-Its have a strip joining the two halves of the Eyelet. Can be folded over a wire or rope when snapped together.

Package of 6	1.29
Bulk Case of 300	42.23

Webbing Tape - Used when shade cloth is placed over a greenhouse or other structure to hold it in place for high wind resistance. Also used when securing overwintering poly film to wood side boards.

1¾" X 300' Roll	12.50
2¾" X 300' Roll	15.80
J & M Solarig webbing tape, 3" X 1,000'	45.00

Zip Ties – 11" plastic cable ties are used for attaching fabric to cable lines or poles.

100 Per Bag	5.98
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S-Hooks – Plastic hooks used to attach fabric panels to wire or cables.

100 Per Bag	19.50
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LS Hooks - Used to attach shade cloth to wires. The plastic hooks have a point that is pushed through the fabric and then is locked into the hook body. The top portion clips onto the wire.

100 Per Bag	16.25
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Soft, Twist-Tie Garden Wire – Soft and pliable rubber-coated wire can be used to secure tomatoes and other plants and trees to support stakes without injuring stems. Can also be used as guy wires for grapevines or shade cloth.

1 Case of 55' Rolls 6 Rolls Per Case	48.00
1 250' Roll	39.95
1 500' Roll	59.95

Rope - A high-strength, black, UV-treated, polypropylene rope used to anchor down shade cloth. Can also be used to secure small trees and shrubs.

1-Lb. (190') Roll	\$ 7.11
1-Lb. (190's) Case of 14 Rolls	99.54
5-Lb. (950') Roll	25.58

BIRD AND TRELLIS NETTING

PAK Unlimited Bird Netting – An extruded black one-inch diamond-mesh bird netting.

32'10" X 328' Roll (While supply lasts)	207.90
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Tenax Bird Netting - A black, UV-stabilized, polypropylene close-mesh ($\frac{3}{4}$ " X $\frac{3}{4}$ ") netting for fruit trees, vegetables, or other plants. Used to prevent bird damage.

14' X 100' Roll	47.11
14' X 500' Roll	122.90
14' X 1,000' Roll	222.30

Hortonova Flower Support/Trellis Netting - A durable, UV-stabilized polypropylene netting for supporting flowers or vegetables.

48" X 328' Roll, 6" X 6" Mesh	41.35
48" X 3,280' Roll, 6" X 6" Mesh	228.30
59" X 328' Roll, 6" X 7" Mesh	44.81
59" X 3,280' Roll, 6" X 7" Mesh	266.28

(Rolls 36", 42", 67" and 79" wide are available. Contact us for pricing)

Bird Netting Accessories:

Birdlock - Plastic-coated wires with a hook shape on both ends. Allows netting to be pulled together and easily secured to keep birds away from fruits and vegetables.

1 Packages of 36	1.02
1 Bag of 24 Packages of 36	24.48

DEER FENCING

Tenax deer fencing is a strong, UV-stabilized, black, polypropylene mesh fabric that keeps deer out of your crops year around.

7'6" X 100'	92.34
7'6" X 330'	246.89

MULTI-PURPOSE FENCING

Tenax Cintoflex M is a UV-stabilized polypropylene fencing material used for a wide variety of purposes.

4' X 330' Roll	133.92
6.5' X 330' Roll	218.77
15' X 330' Roll	450.76

INSECT SCREENING

Green-Tek Anti-Virus Insect Screening (50 Mesh) - Compatible with greenhouse fan ventilation systems and inhibits whiteflies and other insects. Has a service life of greater than three seasons. 0.78 X 0.25mm hole size, 39", 78", 118", 137", 138", and 177" Widths.

Per Square Foot \$..36

Insect Screening - A type of screen that keeps out medium-sized to large insects. Not suited for whitefly or thrip control. Works great for greenhouses with roll-up sides.

PAK 1814 , 0.81 X 1.09mm hole size, 6'1" Width, Per Linear Foot (While supply lasts)	.77
PAK 25 Mesh , 0.77 X 1.22mm hole size, 13' 1" Width, Per Linear Foot	2.83
Green-Tek 17 Mesh , 1.20 X 1.20mm hole size, 8', 11'6" Widths, Per Square Foot	.16

HAIL NETTING

Made of UV-stabilized, high-density polyethylene yarns which are knitted into a design that provides a ruggedly strong and rip-resistant fabric.

PAK Unlimited White Hail Netting - (Rocker arm design). Also protects against "rice" hail. Can be fabricated with tape and grommets.

13' 6" Width Per Linear Foot 2.30

CONTAINERS AND ACCESSORIES

All sizes and shapes of plug trays, pots, and containers are available for transplants, bedding plants, propagation, and nursery stock.

Landmark Plug Sheets - These are 10½" X 21" sheets that have round or square cells. All sizes of plug sheets are 100 trays per case. Contact us for sizes available and for pricing.

Landmark Plug Trays - Formed edges make them rigid enough to use without a carry tray. All sizes of plug trays are 100 trays per case.

Plug flats have square cells in the following numbers:

50 Cells	1¾" Square X 2¼" Deep	128.00
72 Cells	1¼" Square X 1¾" Deep	135.98
72 Cells	1¼" Round X 1½" Deep	135.98
98 Cells	1¼" Square X 2" Deep	128.00
128 Cells	1¼" Square X 2" Deep	128.00
200 Cells	7/8" Square X 1¾" Deep	128.00
288 Cells	13/16" Square X 1¼" Deep (Medium Depth)	135.98

Common Element Plug Trays - Conform to the "Common Element" standard established by major plug tray manufacturers.

288CE	¾" Square X 1" Deep	\$	128.00
512CE	9/16" Square X 1" Deep		128.00

Deep Plug Trays

72 Cells	1-5/8" Square X 2-3/8" Deep		128.00
288 Cells	¾" Square X 1¾" Deep		128.00

Landmark, Hex, Octagonal, and Octahedron Plug Trays - All sizes of hex, octagonal and octahedron plug trays are 100 trays per case. Contact us for sizes available and for pricing.

Landmark Seeder Trays

20-Row Seeder Trays	11" X 21½" X 1¼"	100 Flats Per Case	169.85
Open Seeder Trays	10¾" X 21-1/8" X 1-3/8"	100 Flats Per Case	158.41

Landmark 38 Seedling Trays - A 38-cavity tray for nursery, perennial, and vegetable production. The tray has a rose pot shape, root channels, and step-bottom drainage, 5" of depth for extended root development, and formed perimeter edges for easy handling.

38 Cells	2¼" Diameter X 5" Deep	50 Flats Per Case	106.18
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Landmark 1020 Flats - Used to hold Landmark Plug Sheets.

Standard 1020 Flat	10¾" X 21-1/8"	100 Flats Per Case	100.62
Standard 1020 Flat (With Center Rib)	10¾" X 21-1/8"	100 Flats Per Case	100.62
Standard 1020 Flat (No Holes)	10¾" X 21-1/8"	100 Flats Per Case	100.62
Clear Domes (Fit 1020 Flats)		50 Domes Per Case	68.30

Landmark Inserts, 606, and 806 Jumbo Inserts - Landmark Inserts are economy cell inserts that meet the needs of growers throughout the United States. All insert sheets are 10¾" X 21-1/8".

606 Jumbo Inserts	6 Six-Packs Per Sheet	100 Sheets Per Case	60.29
806 Inserts	8 Six-Packs Per Sheet	100 Sheets Per Case	57.00
806 Jumbo Inserts	8 Six-Packs Per Sheet	100 Sheets Per Case	64.30
1204 Inserts	12 Four-Packs Per Sheet	100 Sheets Per Case	57.00
1206 Inserts	12 Six-Packs Per Sheet	100 Sheets Per Case	57.00
1802 Inserts	18 Two-Packs Per Sheet	100 Sheets Per Case	57.00
1803 Inserts	18 Three-Packs Per Sheet	100 Sheets Per Case	57.00
1804 Inserts	18 Four-Packs Per Sheet	100 Sheets Per Case	57.00

Landmark Form Pots and Carry Trays - Landmark Form Pots feature precision-punched holes for uniform drainage and are designed to fit securely in Landmark's Carry Trays. Sizes available:

2¼" Square		1920 Per Case	104.32
Carry Tray for 2¼" Square, Holds 32		100 Per Case	107.93
3" Square		800 Per Case	46.02
Carry Tray for 3" Square, Holds 32		100 Per Case	117.53
3" Square Deep (3½" Deep)		800 Per Case	50.98
Carry Tray for 3" Square Deep, Holds 32		100 Per Case	117.53
4" Square		450 Per Case	45.29
Carry Tray for 4" Square, Holds 18		100 Per Case	117.53
4" Square, Extra Deep (5")		450 Per Case	59.77
Carry Tray for 4" Square Deep, Holds 18		100 Per Case	117.53
4½" Square		375 Per Case	\$ 51.16

Carry Tray for 4½" Square, Holds 15	50 Per Case	69.79
4½" Square Deep (4-7/8" Deep)	375 Per Case	60.52
Carry Tray for 4½" Square Deep, Holds 15	50 Per Case	69.79

(4" Azalea, 5" Azalea, 6" Azalea, and 4½" Geranium round thermoformed pots are available in black, green, and terra cotta. Other sizes are also available. Contact us for pricing.)

Belden Plastics Containers - A wide variety of hanging baskets and pots are available.

Most popular are:

10" Saucerless Hanging Baskets	50 Per Case	58.62
12" Saucerless Hanging Baskets	25 Per Case	58.73
14" Saucerless Hanging Baskets	25 Per Case	112.12
8" Hanging POP Baskets	50 Per Case	65.39
10" Hanging POP Baskets	50 Per Case	74.22

(All sizes above can be obtained in green, white, and terra cotta. 7", 7½", 8", 8½", 10", and 12" azalea pots are available. Standard pots up to 12" are also available.)

Cut Flower Buckets, 9-5/8" Diameter X 9" High	50 Per Case	65.42
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Blow Molded Containers - A low-cost variety of UV-stabilized and weather-resistant nursery containers:

1-Gallon	6½" Diameter X 6½" Deep	75 Per Package	16.50
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(Other sizes ranging from 1 quart up to 20 gallons can be provided. Contact us for pricing.)

Injection Molded Containers - A heavy-duty variety of nursery containers that can be re-used for several seasons. Sizes ranging from 1 pint up to 10 gallons can be provided. Contact us for pricing.

Container/Tree Growing Accessories:

T-Tape Supplies T-Tape, filters, pressure regulators, fittings, and kits are available. Please contact us with your specific needs.

DeWitt Tree Wrap - A white polypropylene fabric to wrap tree trunks to protect them from sunburn or bird damage.

1 Roll, 3" X 50'		1.97
1 Case, 3" X 50' Rolls	24 Rolls Per Case	47.28
1 Case, 3" X 100' Rolls	24 Rolls Per Case	82.56

Soft, Twist-Tie Garden Wire - Soft and pliable rubber-coated wire can be used to secure tomatoes and other plants and trees to support stakes without injuring stems. Can also be used as guy wires for grapevines or shade cloth.

1 Case of 55' Rolls	6 Rolls Per Case	48.00
1 250' Roll		39.95
1 500' Roll		59.95

DeWitt Tree Straps - For use in supporting trees up to 3" in diameter. Tree straps are 32 inches long. Will not cut into the tree trunk. (24 per case.)

31.20

DeWitt Tree Slings - For use in supporting trees up to 5" in diameter. Tree slings are 20 inches long. Will not cut into the tree trunk. (60 per case.)

44.40

Wood Stakes - Fir, pressure-treated fir, and redwood stakes are available from ½" X ½" X 24" through 2" X 2" X 10'. (Contact us for a quotation for your individual application.)

Natural Bamboo Stakes - Available from 5/16" diameter X 2' to 1" diameter X 10'. Contact us for a quotation. Green-dyed bamboo stakes are also available.

Plastic Markers - Available in white--in 5/8" X 5" and 5/8" X 6" sizes in either boxes of 1,000 or rolls of 2,000. Also available in the following colors (which are special orders--contact us for pricing.): blue, lavender, orange, pink, red, or yellow.

Box of 1000	White	5/8" X 5"	\$ 21.50
Box of 1000	White	5/8" X 6"	25.25
Roll of 2,000	White	5/8" X 5"	35.00
Roll of 2,000	White	5/8" X 6"	39.00

Note: Sold tags and t-stakes are also available. Contact us for a quotation.

Marking Pens – The Allflex horticultural pen has an ink that is designed to give the longest life possible. It includes both fine and broad tips.

1 Pen	9.50
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METERS AND TESTING EQUIPMENT

Soil Test Kits - Provide more than 160 tests for nitrogen, phosphorus, potassium, and pH. For field or greenhouse use.

109.60

PH Meters - Pocket-size, waterproof meters that check soil and water samples with ease.

116.10

Light Meters – Measure foot candles or Lux in four ranges, up to 20,000.

200.58

Soil Moisture Testers - Instant results are shown on the analog meters from 0 (bone dry) to 10 (saturated). Measure any type of soil.

9" Tester	112.80
24" Tester	118.80

Soil Thermometers – Easy-to-read digital pocket thermometer with ¼" LCD numerals. The stem is 5-1/2" and has a range of -58° F. to 302° F.

Each	15.35
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Min-Max Thermometers - Indicate the high and low temperatures since previous setting. Can measure temperatures in Fahrenheit or Celsius degrees.

Thermometer with Push-Button Reset (While supply lasts)	30.50
Digital Temperature and Humidity Meter with Remote Sensor	25.00

Temperature Monitoring Systems - Monitor your greenhouse to detect power failures and temperature extremes. If a problem occurs, the unit will trigger the dialing of up to four phone numbers and will continue dialing until a number is answered. The unit can be called to verify the status of monitored conditions.

1 Sensaphone 400	530.10
1 Thermalarm III Sensor (used in conjunction with the Sensaphone 1104)	59.40

SHADE STRUCTURES, GREENHOUSES, AND ACCESSORIES

We specialize in providing a wide variety of items most useful to greenhouse growers--from complete shade structures, greenhouse packages, frames, coverings, heating/cooling systems, to replacement items.

Shade Structures – - We distribute **Poly-Tex** shade structures. They are available in 20' X 20' blocks and are 10' high. They have 2-1/2"-diameter X 12-gauge vertical posts, and the shade cloth panels are available in shade factors from 30% to 90%.

High Tunnels – Poly-Tex has gable-style and gothic-style high tunnels, 20', 24', or 30' wide. The structures come with manual roll-up sidewall vents and hardware for framing in the endwalls. Contact us for pricing.

Commercial Greenhouses **Poly-Tex** produces free-standing and gutter-connected models with widths ranging from 14' up to 30'. Poly-Tex offers Poly-Vent sidewall venting which is an option to roll-up sides. The Poly-Vent opens from the top down and can be opened partially. The Wiggle Wire poly fastening system is used to secure poly film or shade cloth.

Agra Tech structures are available in coldframe, gothic arch, and gutter-connected styles in widths up to 50' and lengths over 100'. All pipe used in the manufacture of these structures is galvanized steel with a strength of 55,000 psi. Gutter-connected structures can have sidewalls that are 8', 10', or 12' high and can withstand winds of 80 miles per hour. Agra Tech can also provide specialty equipment, such as: automatic side vents, roof vents, roll-up sides and rolling roofs, positive-pressure cooling, steel bench systems (either rolling-top or stationary), Agra Lock poly film locking systems, and metal buildings.

Backyard Greenhouses Poly-Tex has several inexpensive models for backyard applications which are available in widths of 6' and 8'. The lengths start at 6' and go up to 20'.

Please contact us for additional information and quotations for the type of structure that will handle your needs.

Poly Film - Available in overwintering, one- and four-year grades for clear and white film, with thicknesses of 4-mil. and 6-mil. and in widths of up to 48'. Special four-year grades are available for anti-condensation and IR-absorption features.

4-Year, 6-Mil., Clear Poly Film Per 1000 Square Feet \$ 109.92

(Contact us for a quotation on other grades.)

Woven Poly Film – A six-year woven, coated poly film, with IR/AC additives in Solar Roof 172, and extra strength for tear resistance. Square-foot pricing is as follows:

Solaroof 172, Standard widths are 6', 8', and 13' .264

Solarside 140, Standard widths are 6', 8' and 13' .192

Poly Film Locking Systems - *The Wiggle Wire and Agra Tech Agra Lock poly film fastener systems are an economical and effective approach for securing single- or double-layer poly film. The systems consist of a base extrusion that can be fastened to wood or steel and will form over arches, and top pieces that holds the poly film into the base for the sides and gable arches. Both systems hold the polyethylene firmly in place without pinching or weakening the film.*

Agra Lock Base	6'-Long	Hole-Punched	Each	\$ 4.88
Agra Lock Top	2'-Long	For Flat Applications	Each	1.56
Agra Lock Top	1'-Long	For Arch Application	Each	.87
Wiggle Wire Base	8' 11"-Long		Each	7.53
Wiggle Wire	6'-Long		Each	1.96

Inflation Units - *For inflating double poly film greenhouses consisting of 148-cfm blowers and 4'-long hose, inlet screen, and 8'-long cord.*

Inflation Unit With All Components	130.80
Double Inflation Unit for Inflating Two Sections	146.40
Outside Air Kit	30.00

Twinwall Polycarbonate Sheeting - *Green-Tek Verolite twinwall sheets are available in 6-mm. and 8-mm. thicknesses and are protected from degradation effects of UV radiation. Verolite is one of the heaviest gauge sheetings to provide increased strength and hail protection. Widths of 48" and 72" are available.*

6-mm.	Per Square Foot	1.26
8-mm.	Per Square Foot	1.51

(Crating charge is \$9.00 per linear foot. Minimum charge is \$54.00.)

(Polycarbonate extrusions are available for joining sheets and capping tops in vertical installations. Screws, washers, sealing tape, and sealant are available for securing the sheeting.)

Corrugated Polycarbonate Sheeting - *Green-Tek Green-Lite corrugated polycarbonate sheeting provides condensation control and contains UV inhibitors to prevent degradation. Sheets are 50" wide and up to 36' long and will bend into a 13' minimum radius. Sheets are .031" thick.*

Per Square Foot	1.06
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(Crating charge is \$9.00 per linear foot. Minimum charge is \$54.00.)

(Foam closure strips, screws, washers, and sealant are available for securing the sheeting.)

Ventilation/Cooling Systems - *Can be as simple as an exhaust fan and shutters or as complex as automatic roof vents, high-pressure mist, positive-pressure cooling, or water-conserving evaporative cooling pad systems. Portable evaporative coolers are also available. We will assist you in choosing the best system for your greenhouse.*

Heating Systems - *Heating requirements vary significantly, depending upon the size of the greenhouse and the part of the country in which it is constructed. Several options are available--from electric, natural gas, or liquid propane heat sources. A complete package can be provided to meet specific needs.*

Schaefer Plant-Air Circulation Fans - The fans are hung within the greenhouse and used to provide gentle air flow when no other fans are operating and to distribute the heat from heaters on cold nights. These fans are being used quite extensively in place of fan jets.

12" Diameter, 1554-CFM, 1/10-HP, 115-V/230V

\$ 140.40

Thermostat and Temperature Controllers - Available for one-stage heating or cooling for small greenhouses or units that provide several stages of cooling and heating control for greenhouses with several bays.

Bench Heating Systems - Both electric-tape and hot water tube heating systems are available as follows:

Agritape Bench Heating Systems - Agritape root zone heaters provide plants with essential heat at a fraction of the cost of conventional convective heating. Placement of heat directly beneath the growing medium minimizes energy usage by ensuring virtually 100% efficiency. Comes in 11" widths and several widths can be connected to match the bench width. Controllers will handle 80' or 120' of tape. Contact us for a quotation.

TrueLeaf "Benchwarmer" Bench Heating Kits - Makes use of a conventional water heater and provides the tubing, fittings, valve, pump, and temperature control needed to give you the bench heating you desire.

(Contact us for a quotation on either or both systems.)

Bench Systems:

Agri of Virginia Plastic Bench Tops with Fiberglass Frames and PVC Legs - The tops are made of strong and durable plastic sections that interlock for easy assembly. Easy to clean and disinfect.

18" X 36" Sections

8.35

24" X 48" Sections

12.60

(The complete system--bench top, frame, and legs--is available in many sizes. Contact us for a quotation.)

Benchmaster Heavy-Duty Plastic Benches - Molded from high-density, UV-stabilized resins, which are extremely durable and will provide heavy-duty service for many years. Benches are available in several sizes with various leg heights. Contact us for a quotation for your specific needs.

Agra Tech Steel Benches with Rolling or Stationary Tops - Agra Tech benches are constructed of galvanized steel legs and frames and have hot-dip galvanized, expanded metal tops. The expanded metal panels are fastened to the frame and the side trim provides an edge that is free of rough edges. The rolling benches have anti-tip retainers and allow wider aisles to allow better access for workers and carts. Benches can be designed for ebb-and-flow watering, also. Contact us for a quotation.

Greenhouse Accessories:

Foam Closure Strips for use with Corrugated Polycarbonate:

Horizontal (corrugated) Closure Strips

39" Long

.82

Vertical (flat) Closure Strips

39" Long

.82

Convection Tubes for Convection Heating Fan Units - UV-treated 4-mil. or 6-mil. poly tubes in various diameters and various hole positioning. Contact us for a quotation.

Evaporative Cooling Pads - 4"- and 6"-thick pads are available in 12" widths and in several heights. Pads are also available with algae-resistant coatings to extend their life.

Fasteners - For use with corrugated and twinwall polycarbonate sheeting:

1" #10 Hex-Head Wood Screws	100/Box	\$ 4.50
1" #12 Hex-Head, Self-Drilling Screws	100/Box	13.50
1½" #10 Hex-Head Wood Screws	100/Box	5.00
1½" #12 Hex-Head, Self-Drilling Screws	100/Box	14.50
1" O.D. X ¼" I.D. Neoprene-Backed Washers	100/Bag	11.50

Poly Film Zippers - Use 7'-long zippers with peel-and-stick adhesive backing to provide easy access to cold frame or poly greenhouses. Each: 13.50

Poly Film Repair Tape - Ideal for repair of rips or holes in poly film.

2" Wide X 48'-Long Roll (While supply lasts)	7.50
2" Wide X 100'-Long Roll	10.72
4" Wide X 100'-Long Roll	21.54
6" Wide X 48'-Long Roll (While supply lasts)	22.00
6" Wide X 100'-Long Roll	32.15

Poly Film Protection Tape - Used to cover pipe, metal surfaces, or rough edges which would come in contact with poly film and cause premature deterioration.

1½" Wide X 40'-Long Roll	13.60
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Manual Hand Crank Kit – An inexpensive, effective way to provide roll-up sides. Consists of a hand crank, straight-guide tube, and bracket (The tube that runs the length of the greenhouse is not included, but can be ordered separately.)

1 Kit	78.05
Roll-up clips (to attach poly film to tube)	1.36

Watering Accessories:

Dramm 1000 "Redhead" Water Breaker provides a soft flow of water for your plants.	14.40
24" Extension Arm made of lightweight aluminum.	12.75
Brass Shut-Off Valve with hose threads	17.99

Fertilizer Injectors and Filter Kits - Dosation fertilizer injectors with flow rates of up to 11 gpm, 20 gpm, and 40 gpm are available with the appropriate filters. Please call for pricing.

Replacement Components - Motors for exhaust fans, circulation fans, shutters and dampers (made by Quietaire, Schaefer, Aero Tech or Acme) can be provided. Contact us for your specific needs.

G & M Terms:

- Minimum order requirement is \$50.
- We accept prepayment, MasterCard, Visa, Discover, and American Express, unless another payment method has been established.
- Freight charges will be determined at the time of order.
- Prices are effective January 1, 2013 and are subject to change without notice.