

G & M Ag Supply Company, LLC

2 0 1 1 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 - 5:00 pm MST
(AZ does *not* observe Daylight Savings' Time)

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2011

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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.

You'll see that again this year some prices have gone up, some have stayed the same, and a few have actually gone down. We hope our products are ones that will be most useful to you this growing season.

We have added three new items to our catalog this year: soft, twist-tie garden wire (Pages 8 and 12), less expensive plastic markers in rolls (Page 12), and a digital min-max temperature and humidity meter (Page 13). Our new items last year were Bio Telo mulch film, which is a degradable and compostable mulch film (Page 4), and plastic edging that can be used for growing beds in landscaping (Page 5).

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
2011 NURSERY, GREENHOUSE, AND ORGANIC GROWERS CATALOG

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G & M Ag Supply Company, LLC

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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	\$ 186.18
9'10" X 2000' Roll	269.59
19' X 2000' Roll	560.68

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

83" X 500' Roll	62.16
83" X 1000' Roll	124.26
83" X 2000' Roll	249.40
10' X 500' Roll	90.54
10' X 1000' Roll	181.08
14' X 1000' Roll	243.19
20' X 1000' Roll	358.58

(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	62.67
78" X 109'	287.95
78" X 328'	777.32
117" X 20' with eight clips	93.20
117" X 109'	428.57
117" X 328'	1,285.72

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

83" X 500' Roll	\$	97.57
83" X 800' Roll		179.71
14' X 800' Roll		333.73
26' X 800' Roll		619.50

(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	33.31
1 Package of 12	6"-Long Pins	11-Gauge	1.06
1 Box of 1000	8"-Long Pins	11-Gauge	85.47

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	43.29
1 Package of 6	1.34

Sand Bags - High UV-resistant poly sand bags provide an excellent way to secure row covers or frost fabric, even in very windy conditions.

1 Bundle of 50	14.00
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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	3.00
Package of 100	30.00

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	109.77
12' X 500' Roll	215.86
(Can also be sewn into pieces up to 52' X 150'. Quotations provided upon request.)	
Cases of Twelve 10' X 12' Packages	99.06

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

12' X 500' Roll	214.81
24' X 500' Roll	445.64

(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	\$ 177.36
10' X 500' Roll	249.40
14' X 500' Roll	349.68

(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	83.87
13' X 300' Roll	280.48

(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	119.66
12' X 250' Roll	238.94
15' X 250' Roll	294.65

Frost Protection Accessories:

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

1 38-pound Bundle of 100, 10-gauge wires, 76" long	75.60
1 10-pound Coil of 9-gauge wire.	11.75

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	74.10
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Hotcaps - Strong waxpaper domes for covering individual plants

Regular Size (6½" High X 11" Diameter) Package of 20	15.23
Regular Size (6½" High X 11" Diameter) Case of 10 Packages of 20	152.27
Regular Size (6½" High X 11" Diameter) Case of 1000	303.90
King Size (9½" High X 11" Diameter) Package of 20	22.24
King Size (9½" High X 11" Diameter) Case of 5 Packages of 20	111.17
King Size (9½" High X 11" Diameter) Case of 500	303.90

(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.

3' X 4000' Roll	77.46
4' X 2000' Roll	51.60
4' X 4000' Roll	103.20
5' X 2000' Roll	64.56
5' X 4000' Roll	129.12
6' X 2000' Roll	77.46

.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	\$ 86.40	\$ 92.16
4' X 2400' Roll	69.60	
4' X 4000' Roll	116.40	123.00
5' X 2400' Roll	86.40	
5' X 4000' Roll	144.30	153.60

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	141.72
4' X 4000' Roll	188.94

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	92.40
4' X 3000' Roll	318.00

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

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

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'	465.00
4' X 5,000'	443.00
5' X 4,000'	443.00

(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 green-houses and outdoor areas.

3' X 300' Roll	66.50
4' x 300' Roll	88.67
6' X 300' Roll	133.00
10' X 300' Roll	221.67

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	221.67
12' X 300' Roll	266.01
15.5' X 300' Roll	343.60

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	\$ 127.32
6' X 250' Roll	190.98
8' X 250' Roll	255.90

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

4' X 250' Roll	118.82
6' X 250' Roll	178.25
8' X 250' Roll	237.66

Reemay – Standard grade and professional grade Tytar 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	70.67
6' X 250' Roll	106.43

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

Landscape Accessories:

Lawn/Bedding Edging – A 4"-wide heavy plastic edging with a 1" tubular top edge for separating beds from walkways or lawns.

Rolls 20' long (with four stakes and one connector), 5 rolls per case	36.90
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PERFORATED PLASTIC FOR TUNNELS

This plastic has 3/8" holes punched every 2 1/2" 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	109.80
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MUD CONTROL FABRIC

Tytar Mud Control Fabric is a 4.0-oz./sq. yd. spunbonded polypropylene material which is used to prevent mud from forming near barn entrances, roadways, parking areas, and livestock areas. When covered with aggregate, it separates it from the soil below so that the aggregate does not disappear into the mud. (Note - minimum order is \$600.00.)

8' X 200' Roll	144.00
12'7" X 300' Roll	328.20

BARN CONSTRUCTION FABRIC

Typar Barn Construction Fabric is made of spunbonded polypropylene. One side is coated with an impervious film that remains waterproof for many years as an inexpensive roofing material for equipment or animal shelters. Withstands high winds and snow loads. (Note - minimum order is \$600.00.)

9' X 300' Roll

\$ 396.00

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', and 26'. Square-foot pricing is as follows:

30%	.110
40%	.118
50%	.145
60%	.160
70%	.172
80%	.205
90%	.211

Other colors are available as follows:

22% White	6', 12'	.096
40% White	8', 12', 20', 26'	.138
50% White	6', 10', 12', 20', 26'	.200
60% Green	6', 10', 12', 20', 26'	.179
70% Blue	12'	.308
65% Tan	6', 12'	.308
75% Tan	6', 12'	.277

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	10', 12'	.264
30% Green	10', 12'	.120
30% Black	10', 12'	.120
50% White	12'	.156
50% Black	10', 12'	.168
50% Green	10', 12'	.174
70% Green	10', 12'	.216
70% Black	10', 12'	.216

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'	\$.135
47%	6', 10', 12', 15'	.140
55%	6', 10', 12' 15'	.151
63%	6', 10', 12' 15'	.168
73%	6', 10', 12' 15'	.180
80%	6', 10', 12' 15'	.207
95%	6', 10', 12'	.207

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

90%	5'8", 7'8"	.162
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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'	.228
40%	7', 14', 21', 28'	.228
50%	7', 14', 21', 28'	.228
60%	7', 14', 21', 28'	.252
70%	7', 14', 21', 28'	.276

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	3.00
Package of 100	30.00

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	1.33
Bulk Case of 300	41.80

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	11.25
2¾" X 300' Roll	13.25

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

100 Per Bag	4.20
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S-Hooks – Plastic hooks used to attach fabric panels to wire or cables.

100 Per Bag	12.00
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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	12.79
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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			6.95
1-Lb. (190's) Case of 14 Rolls			97.28
5-Lb. (950') Roll			23.24

BIRD AND TRELLIS NETTING

PAK Unlimited Birdtex Knitted Bird Netting - A black one-inch diamond-mesh bird netting manufactured from high-density polyethylene monofilament yarn. Recommended for permanent structures.

32'10" X 328' Roll			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			44.86
14' X 500' Roll			117.05
14' X 1,000' Roll			211.72

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

48" X 328' Roll, 6" X 6" Mesh			39.38
48" X 3,280' Roll, 6" X 6" Mesh			217.43
59" X 328' Roll, 6" X 7" Mesh			42.67
59" X 3,280' Roll, 6" X 7" Mesh			253.61

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'			92.57
7'6" X 330'			247.51

MULTI-PURPOSE FENCING

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

4' X 330' Roll	\$ 134.26
6.5' X 330' Roll	219.32
15' X 330' Roll	451.90

INSECT SCREENING AND INSECT SPRAY

Green-Tek Anti-Virus Insect Screening - Compatible with greenhouse fan ventilation systems and inhibits whiteflies and other insects. Has a service life of greater than three seasons. Widths of 39", 78", 118", and 137" are available.

Per Square Foot .57

PAK 1814 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.

6'1" Width Per Linear Foot .77

Monterey Garden Insect Spray – The naturally occurring product Spinosad provides excellent control of pests such as gypsy moth, tent caterpillars, bagworms, winter moths, thrips, leafminers, and more. It can be used on trees, shrubs, flowers, and vegetables. This spray is OMRI listed.

1 Quart 15.25

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 Clear Hail Guard - (Warp diamond design). Also protects against "rice" hail. Can be fabricated with tape and grommets.

12'3" Width Per Linear Foot 1.91

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	\$ 116.33
72 Cells	1¼" Square X 1¾" Deep	116.33
72 Cells	1¼" Round X 1½" Deep	123.30
98 Cells	1¼" Square X 2" Deep	116.33
128 Cells	1¼" Square X 2" Deep	116.33
200 Cells	7/8" Square X 1¾" Deep	123.30
288 Cells	13/16" Square X 1¼" Deep (Medium Depth)	116.33

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

288CE	¾" Square X 1" Deep	116.33
512CE	9/16" Square X 1" Deep	116.33

Deep Plug Trays

72 Cells	1-5/8" Square X 2-3/8" Deep	116.33
288 Cells	¾" Square X 1¾" Deep	116.33

Landmark, Hex, Octagonal, and Octahedron Plug Trays - Formed edges make them rigid enough to use without a carry tray. 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	151.20
Open Seeder Trays	10¾" X 21-1/8" X 1-3/8"	100 Flats Per Case	141.30

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	100.80
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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	86.86
Standard 1020 Flat (With Center Rib)	10¾" X 21-1/8"	100 Flats Per Case	86.86
Standard 1020 Flat (No Holes)	10¾" X 21-1/8"	100 Flats Per Case	86.86
Clear Domes (Fit 1020 Flats)		50 Domes Per Case	63.46

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	50.27
806 Inserts	8 Six-Packs Per Sheet	100 Sheets Per Case	47.70
806 Jumbo Inserts	8 Six-Packs Per Sheet	100 Sheets Per Case	50.27
1204 Inserts	12 Four-Packs Per Sheet	100 Sheets Per Case	47.70
1206 Inserts	12 Six-Packs Per Sheet	100 Sheets Per Case	47.70
1802 Inserts	18 Two-Packs Per Sheet	100 Sheets Per Case	47.70
1803 Inserts	18 Three-Packs Per Sheet	100 Sheets Per Case	47.70
1804 Inserts	18 Four-Packs Per Sheet	100 Sheets Per Case	47.70

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	\$ 99.90
Carry Tray for 2¼" Square, Holds 32	100 Per Case	101.03
3" Square	800 Per Case	42.07
Carry Tray for 3" Square, Holds 32	100 Per Case	97.20
3" Square Deep (3½" Deep)	800 Per Case	45.90
Carry Tray for 3" Square Deep, Holds 32	100 Per Case	97.20
4" Square	450 Per Case	38.03
Carry Tray for 4" Square, Holds 18	100 Per Case	97.20
4" Square, Extra Deep (5")	450 Per Case	57.55
Carry Tray for 4" Square Deep, Holds 18	100 Per Case	97.20
4½" Square	375 Per Case	42.76
Carry Tray for 4½" Square, Holds 15	50 Per Case	59.40
4½" Square Deep (4-7/8" Deep)	375 Per Case	50.86
Carry Tray for 4½" Square Deep, Holds 15	50 Per Case	59.40

(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	58.72
14" Saucerless Hanging Baskets	25 Per Case	100.91
8" Hanging POP Baskets	50 Per Case	54.34
10" Hanging POP Baskets	50 Per Case	61.45

(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	13.95
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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'		1.89
1 Case, 3" X 50' Rolls	24 Rolls Per Case	45.38
1 Case, 3" X 100' Rolls	24 Rolls Per Case	73.69

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.)

30.13

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.)

43.89

Wood Stakes - Fir, pressure-treated fir, and redwood stakes are available from 1/2" X 1/2" 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"	18.00
Box of 1000	White	5/8" X 6"	19.80
Roll of 2,000	White	5/8" X 5"	32.00
Roll of 2,000	White	5/8" X 6"	35.50

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	6.89
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METERS AND TESTING EQUIPMENT

Soil Test Kits - Provide more than 250 tests for nitrogen, phosphorus, potassium, and pH. For field or greenhouse use.

106.34

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

102.86

Refractometers - Hand-held instruments used to check the sugar content of ripening fruit. Readings are in the 0-32% Brix range and have a +.5% accuracy. Includes automatic temperature compensation.

86.68

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

161.04

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	95.27
24" Tester	100.56

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 \$ 12.62

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 30.50

Digital Temperature and Humidity Meter 33.00

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 400 512.44

1 Thermalarm III Sensor (used in conjunction with the Sensaphone 1104) 50.25

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.

Greenhouse Structures **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.

The **Oehmsen** Midwest Sun series is ideal for inexpensive backyard applications and is available in widths of 10’, 12’, and 14’. The lengths start at 12’ and increase by 4’ increments to meet your requirements.

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 \$ 94.62
 (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 Agra Tech Agra Lock poly film fastener system is an economical and effective approach for securing single- or double-layer poly film. Consists of a base extrusion that can be fastened to wood or steel and will form over arches, and a top snap-lock extrusion that holds the poly film into the base at the sides and gable arches. The Agra Lock system holds the polyethylene firmly in place without pinching or weakening the film.

Base Extrusion	6'-Long	Hole-Punched	Each	4.97
Top Extrusion	2'-Long	For Flat Applications	Each	1.58
Top Extrusion	1'-Long	For Arch Application	Each	.90

(Other Agra Lock designs are available for ridge vents, for poly roof to rigid glazed gable, for splicing poly film end to end, etc. Contact us for literature describing the design variations available.)

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	132.00
Double Inflation Unit for Inflating Two Sections	147.60
Outside Air Kit	26.40

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

\$ 132.24

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

7.75

24" X 48" Sections

11.90

(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	\$.78
Vertical (flat) Closure Strips	39" Long		.78

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	10.75
1½" #10 Hex-Head Wood Screws	100/Box	5.00
1½" #12 Hex-Head, Self-Drilling Screws	100/Box	12.25
1" O.D. X ¼" I.D. Neoprene-Backed Washers	100/Bag	9.50

Poly Film Zippers - Use 7'-long zippers with peel-and-stick adhesive backing to provide easy access to cold frame or poly greenhouses. Each: 16.99

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

2" Wide X 48'-Long Roll	7.50
4" Wide X 48'-Long Roll	14.00
6" Wide X 48'-Long Roll	20.50

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, curved- or straight-guide tube, and a one-foot coiling tube. (The tube that runs the length of the greenhouse is not included.)

1 Kit	114.00
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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, 2011 and are subject to change without notice.