



Two Great Teams Are Now One In The Same!

The greenhouse and nursery industry just got growing in the right direction providing the finest horticultural products and services to the green industry.

In January 2015, **Waldo & Associates, Inc.** of Perrysburg, Ohio and **Premium Horticultural Supply Co.** in Louisville, Kentucky joined hands to better serve you. These two highly respected horticulture distributors are officially one company. This is great for you, our valued customer, because the product line is now expanded with new items being offer all the time. Services such as custom greenhouse structures, parts and a vast array of irrigation parts to save you time and money.

We invite you to visit our website **www.waldoinc.com** and see our current flyers, current catalogs and information to help you increase your profit and exposure.

Feel free to call, email or stop in either location and experience the difference that makes our focus on small and medium sizes growers and garden centers second to none.

Waldo & Associate, Inc.

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Perrysburg, Ohio 43551

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Fax: 419-666-2079

Premium Horticultural Supply Co.

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FOILS

HIGHLANDER FLORIST FOILS®

Florist Foil Rolls are used to quickly dress up your potted plants. Simply cut the desired amount off the roll and wrap around the pot. One 20" x 50' roll of Florist Foil will cover approximately forty 6" pots.

Catalog #	Colors	Catalog #	Colors
63-019941	Gold 	63-019903	Fuchsia 
63-019922	Emerald 	63-019937	Lavender 
63-019921	Moss 	63-019936	Purple 
63-019900	True Red 	63-019931	Sky Blue 
63-019946	White 	63-019932	Royal Blue 
63-019902	Pink 	63-019942	Copper Nugget 
Each Price : \$ 6.99 Case (pk 25) Each Price: \$ 5.99			

SLIK COVER

Dress up your potted plants with

our colorful covers, a quick and easy way to increase the value of your plants. Gently drop the pot into the pre-formed cover for a beautifully finished look. Red, Blue, Deep Purple, Lavender, Pink, Evergreen, Silver, Gold, and Burgundy.

Pot Size	Product Description	Qty
4"	Slik Cover 400/cs	1
4.5"	Slik Cover 250/cs	1
6"	Slik Cover 250/cs	1
6.5"	Slik Cover 150/cs	1
7"	Slik Cover 150/cs	1
8"	10" Slik Cover 150/cs	1
10"	10" Slik Cover 150/cs	1



S-Hooks

Fit more baskets
in one area!

Aluminum: Made from a sturdy 10 gauge aluminum. Use them to maximize your growing area by staggering your hanging baskets. These hooks do not rust and will last forever.

Catalog #	ALUMINUM S-HOOKS	Pack
55-915009	15" Aluminum S-Hooks	25
55-920009	20" Aluminum S-Hooks	25

Galvanized: Made from a sturdy galvanized wire which is ideal for displaying hanging baskets.

Catalog #	GALVANIZED S-HOOKS	Pack
55-906059	6" Galvanized Wire S-Hooks	25
55-912059	12" Galvanized Wire S-Hooks	25
55-915059	15" Galvanized Wire S-Hooks	25
55-918059	18" Galvanized Wire S-Hooks	25
55-924059	24" Galvanized Wire S-Hooks	25



SAUCERS CLEAR VINYL



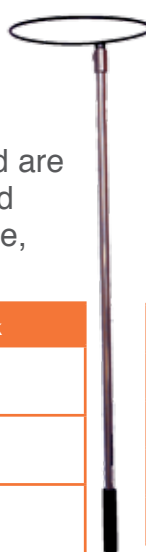
These saucers are made of durable clear polyethylene and are waterproof. They have a raised ridge design for better drainage, are nested solid.

Catalog #	Item #	Description	Pack
63-800040	CS4	4" Clear Vinyl Saucers	25
63-800050	CS5	5" Clear Vinyl Saucers	25
63-800060	CS6	6" Clear Vinyl Saucers	25
63-800070	CS7	7" Clear Vinyl Saucers	25
63-800080	CS8	8" Clear Vinyl Saucers	25
63-800100	CS10	10" Clear Vinyl Saucers	25
63-800120	CS12	12" Clear Vinyl Saucers	10
63-800140	CS14	14" Clear Vinyl Saucers	10
63-800160	CS16	16" Clear Vinyl Saucers	5
63-800170	CS17	17" Clear Vinyl Saucers	5

CLEAR DEEP VINYL



Catalog #	Item #	Description	Pack
63-801040	DL4	4" Clear Deep Vinyl Saucers	25
63-801050	DL5	5" Clear Deep Vinyl Saucers	25
63-801060	DL6	6" Clear Deep Vinyl Saucers	25
63-801070	DL7	7" Clear Deep Vinyl Saucers	25
63-801080	DL8	8" Clear Deep Vinyl Saucers	25
63-801100	DL10	10" Clear Deep Vinyl Saucers	25
63-801120	DL12	12" Clear Deep Vinyl Saucers	25
63-801140	DL14	14" Clear Deep Vinyl Saucers	25



Perfect for use in garden centers and greenhouses

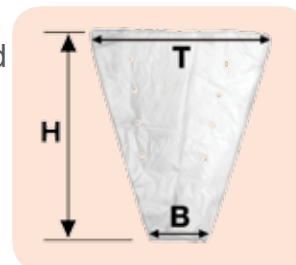
where hanging baskets need to be hung high enough to be out of the way. And since the ring is placed around the pot, foliage and flowers don't get damaged!

HANGING BASKET REMOVER

Catalog #	Description
79-250100	HBR w/ 10" Ring
79-251080	8" Ring Only
79-251100	10" Ring Only
79-251120	12" Ring Only

HIGH DENSITY SLEEVES

We stock both NESTED and WICKETED. Nested sleeves are packed one inside the other and are designed for use with a sleeve stand. Wicketed sleeves are stacked one on top of the other and are joined at top with a wood or carded header. The perforated design allows for easy 'drop and tear' application.



All sleeve measurements are:

Bottom (B) x Top (T) x Height (H).

Catalog #	Pot Size	Dimensions	Pack	Format
64-302200	4.5-5"	5.5"x14"x16"	1000	wicketed
64-305200	6-6.5"	8"x24"x24"	1000	wicketed
64-306200		9"x24"x30"	1000	wicketed
64-310200	10"	14"x24"x24"	1000	wicketed
64-310201		14x24x24	1000	shotgun
64-370100	12"	16"x29"x30"	500	nested
64-318330	14"	18.5"x30"x30"	500	nested

Call for volume discount over 10 cases.

Paper Kraft Sleeves and Breather Sleeves available by special order - call.

PAPER SLEEVES

These sleeves are made from a water-resistant natural kraft paper.

Call for current pricing.
Drop Ship - F.O.B. Factory.



AL's FLOWER POUCH

Al's Flower Pouches are made of 6 mil green plastic with sturdy handles, drainage holes and pre-cut slits to insert plugs.

Al's Flower Pouch can be hung on your walls, decks, lamp posts, around swimming pools, or anywhere to show off the great beauty and color of your planting!

Item #	Description	Pk
55-400800	10 hole	50
55-400250	5 hole	50
055-400150	6 hole mini	50

AL's FLOWER POCKET



Item #	Description	Pk
55-400995	Al's Flower Pocket	50



GENERATION II FLOWER POUCH

The Al's Flower Pocket is specifically made for growing herbs or plants on a fence or wall. Place the compost in the bag. Seeds, plants or bulbs can be planted in the bag. Ensure that the compost does not dry out.

- 20% less growing media
- Oxo-Degradable
- Contains Recycled Content
- Guaranteed for 12 month season
- UV protected



Item #	Description	Pack
55-400500	Generation II Flower Pouch, 8 hole	50

GENERATION DUAL GROW POUCH



Item #	Description	Pk
55-400555	Generation Dual Grow Pouch, 8 hole	25



L606



L804



L806



L1203



1204



L1206

Standard Insert

Product Code	Description	Cell Dimensions			Case QTY	CS/Skid	Bulk QTY
		Length	Width	Depth			
54-600020	L-606 STD Insert	2.35	2.15	2.33	100	32	4050
54-600030	L-804 STD Insert	2.35	2.35	2.33	100	32	4050
54-600040	L-806 STD Insert	2.35	1.55	2.33	100	32	4050
54-600104	L-1004 STD Insert	2.40	1.85	2.33	100	32	4050
54-600203	L-1203 STD Insert	3.15	1.55	2.33	100	32	4050
54-600204	L-1204 STD Insert	2.35	1.45	2.33	100	32	4050
54-600206	L-1206 STD Insert	1.55	1.55	2.33	100	32	4050
54-600801	L-1801 STD Insert	3.10	3.10	2.33	100	32	4050
54-600700	L-2401 STD Insert	3.10	2.25	2.33	100	32	4050

Standard Series Super Jumbo/Deep Packs

Product Code	Description	Cell Dimensions			Case QTY	CS/Skid	Bulk QTY
		Length	Width	Depth			
54-600600	L-606 Super Jumbo Pack	2.35	2.15	3.13	100	32	4050
54-600804	L-804 Super Jumbo Pack	2.46	2.47	3.05	100	32	3200
54-600806	L-806 Super Jumbo Pack	2.35	1.60	3.12	100	32	3200
54-600214	L-1204 Deep Pack	2.63	1.72	2.75	100	32	3200

L1020 CR

L1020 R6

L1020 R12

L1020 Web Tray

L1020 NCR

L1020 R8

L1020 R18

L1020 R6 Web Tray

Standard Series Trays (21.22" x 10.80")

Product Code	Description	Cell Dimensions			Case QTY	CS/Skid	Bulk QTY
		Length	Width	Depth			
58-601020	L-1020 Center Rib Tray	21.22	10.80	2.33	100	32	3200
58-601111	L-1020NCR Tray W/Holes	21.22	10.80	2.33	100	32	3200
58-601112	L-1020ncr No Hole	21.22	10.80	2.33	100	32	3200
58-601106	L-1020 r6 Tray	21.22	10.80	2.33	100	32	3200
58-601108	L-1020 R8 Tray	21.22	10.80	2.33	100	32	3200
58-601116	L-1020 R18 Tray	21.22	10.80	2.33	100	32	3200
58-601118	L-1020 R18 Individual	21.22	10.80	2.33	100	32	3200
58-600450	L-1020 INJ Web Tray SS	21.13	10.67	2.39	50	54	2700
58-600452	L-1020 INJ Web Tray ALT SS	21.13	10.63	2.31	50	54	2700
58-600454	L-1020 INJ R6 Web Tray SS	20.88	10.45	2.12	100	36	3600



TRUE SERIES PACKS

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
54-601030	T-804 TRUE PACK	2.28	2.24	2.61	100	36	4500
54-601040	T-806 TRUE PACK	2.28	1.50	2.61	100	36	4500
54-601203	T-1203 TRUE PACK	3.03	1.53	2.61	100	36	4500
54-601204	T-1204 TRUE PACK	2.25	1.45	2.61	100	36	4500
54-601206	T-1206 TRUE PACK	1.45	1.44	2.61	100	36	4500

TRUE SERIES SUPER JUMBO

54-601606	T-606 TRUE SUPER JUMBO PK	2.21	2.03	3.25	100	36	4500
54-601202	T-1202 TRUE SUPER JUMBO PK	3.00	2.13	3.25	100	36	3600

TRUE SERIES TRAYS

58-650452	T-TRAY R6 - EX DEEP - C-TR6NXD	20.00	10.00	2.71	100	36	3600
58-650454	T-TRAY R8 - EX DEEP - C-TR8XD	20.00	10.00	2.71	100	36	3600
58-650465	T-TRAY R12 - EX DEEP - C-TR12NXD	20.00	10.00	2.71	100	36	3600
58-650470	T-TRAY R18 - EX DEEP - C-TR18IXD	20.00	10.00	2.71	100	36	3600
58-650410	T-1020 NO RIB FLAT - C-TNCRXD	20.00	10.00	2.71	100	36	3600
58-650450	T-1020 INJ TRAY - I-TIM	20.00	10.00	2.63	100	36	3600



TSS306
Basket Pack



C-TPP6
Green



X-3.5RPP

BASKET PACK

54-653441	TSS306 MKT PACK BK - C-TSS306	19.88	7.5	3.34	100	24	4400
54-603325	3.5 RD BSKT PACK BK - X-3.5RPP	10.88	7.13	3.38	300	32	9600
54-603301	T POT PACK 6 BK - C-TPP6	10.71	6.73	3.50	300	32	9600
54-603302	T POT PACK 6 BK WH - C-TPP6	10.72	6.74	3.51	300	32	9600
54-603303	T POT PACK 6 BK - C-TPP6	10.73	6.75	3.52	300	32	9600
54-603304	T POT PACK 6 BK TC - C-TPP6	10.74	6.76	3.53	300	32	9600
54-603305	T POT PACK 6 BK PW - O	10.75	6.77	3.54	300	32	9600

**CO-EX Thermoformed Pots**

Product Code	Description	Diam	Depth	Compatible Trays	Pcs / Case	Cases/ Skid	Bulk Box
	3.5" STANDARD POT - X-3.5P450	3.50	3.25	X-35TPP10B, X-35TP12B, X-3.5TPB	450	48	12,232
57-608400	4" MAXI-GROW POT - X-4RMGT	4.00	3.49	X-4TP(6,14,15)B C-LN4TP10B	825	42	24,192
57-601430	4.33" MAXI-GROW POT - X-43RMGT	4.33	3.90	X-43TPB, X-43TP12B	900	36	17,000
	4.33" DEEP MAXI-GROW POT - X-43DRMG	4.33	5.00	X-43DTHS8B, X-43DTH10B	540	36	12,000
57-601241	4.5" GERANIUM MAXI-GROW POT - X-45RMGT	4.50	4.02	X-45TPP8, X-4.5TP10B, X-45TPS10B, X-4.5TPB12, X-4.5TPPPB	675	48	15,000
57-049600	TRUE QUART MAXI-GROW POT - X-TQTMGT	4.75	5.27	X-QTPP8, X-QTTN9, X-QTPWL12	600	24	8,640
57-602205	5" STANDARD MAXI-GROW POT - X-5RMGT	5.00	4.57	X-T13TPPPB	360	48	9,792
57-049850	8" MUM PAN MAXI-GROW POT - X-8MPMGT	8.00	5.00	-	300	25	3900
57-053003	9" MUM PAN MAXI-GROW POT - X-9MPMGT	9.00	5.90	-	100	40	3000

**ROUND TRAYS (3.5" - 4.5")**

Product Code	Description	Length	Compatible Trays	Pcs / Case	Cases/ Skid	Bulk Box
56-620160	4" LN TRANSPORT TRAY (10) - C-LN4TP10B	20.38	X-4RMGT	100	40	4,000
56-601400	4" TRANSPORT TRAY (15) - X-4TP15B	20.25	X-4RMGT	85	21	2,100
56-601430	4.33" TRANSPORT TRAY (10) - X-43TPB	21.63	X-43RMGT	100	40	4,000
56-600380	4.5" TRANSPORT TRAY (8) - X-45TPP8	19.50	X-45RMGT	50	36	2,700
56-600450	4.5" OFFSET TRANSPORT TRAY (10) - X-45TPS10B	21.23	X-45RMGT	175	16	2,800
56-600400	4.5" TRANSPORT TRAY (12) - X45TPB12	18.99	X45TPB12	75	24	1,600
56-632610	4.5" TRANSPORT TRAY (15) - X-45TPPPB	23.06	X-45RMGT	90	16	1,800

**PF = Pressfit Product****Basket Pack Handle**

Product Code	Description	Cell Dimensions			Case QTY	CS/Skid	Bulk QTY
		Length	Width	Depth			
56-699482	BSKT PK HNDL BK - X-19SEHNK300	19.00	1.00	N/A	300	24	28800
56-699483	BSKT PK HNDL WH - X-19SEHWH300	19.01	1.01	n/a	300	24	28800
56-699484	BSKT PK HNDL GN - X-19SEHGN300	19.02	1.02	N/A	300	24	28800
56-699485	BSKT PK HNDL PK - X-19SEHPK300	19.03	1.03	N/A	300	24	28800
58-650501	LNDSCP TRAY GRY - C-TLF18BH	20.00	10.00	3.47	100	20	3150

Square Pots

57-604600	3" SQ PF POT BLACK - X-3P800BK		2.63	2.25	800	52	41600
57-604610	3" SQ POT DEEP BLACK - X-3PD		2.64	3.50	800	48	24096
57-604702	3" SQ POT DEEP TC - X-3PD		2.65	3.51	800	48	24096
57-601325	3.25" T-POT DP BK - X-325TPD		3.25	4.20	1200	36	21710
57-601490	3.25" SQ T-POTS BK - C-TP900		3.25	3.50	900	36	15236
51-600401	4" SQ ECON POT BK - X-41PE900		3.50	3.50	900	48	26640
57-601410	4" SQ PF POT BK - X-4P450BK		3.50	3.50	450	48	12768
57-601414	4" SQ PF POT TC - X-4P450TC		3.50	3.50	450	48	12768
57-601420	4" SQ PF XDP BK - X-4PXDBK		3.50	5.02	450	32	10560
57-601440	4.5" SQ PF POT TC - X-45PTC		4.19	3.63	375	28	7450
57-601443	4.5" SQ PF POT GN - X-45PGN		4.19	3.63	375	28	7450
57-601450	4.5" SQ PF POT BK - X-45PBK		4.19	3.63	375	28	7450
57-601453	4.5" SQ PF DP BK - X-45PDBK		4.19	4.88	375	28	6800
57-601442	4.5" SQ PF DP TC - X-45PDTC		4.19	4.88	375	28	6800
57-601460	4.5" SQ PF XDP BK - X-45PXD		4.20	5.38	250	40	6500

Sheet Pots

57-601350	3.5" SHEET POTS - X-35SPWB	3.53	3.51	3.00	100	32	3200
57-601352	3.5" SHEET POTS DP - X-35SPD	3.49	3.46	3.23	100	32	3200
57-601355	3.5" SHEET POTS XD - X-3.5SPXD	3.48	3.47	3.50	100	20	2000
57-601456	4.5" SHEET POTS BK - X-45SP15	4.09	4.09	3.65	100	16	1600
54-606180	T-1801 SHEET POTS - C-T1801SP	3.14	3.00	3.31	100	36	3600
57-601475	2001 T-POT SHEET POT - C-T2001SP	3.00	3.00	3.31	100	24	2400



PF = Pressfit Product TF = Thermo-formed Product

SQUARE TRAYS							
Product Code	Description	Compatibility Pots			Case QTY	CS/ Skid	Bulk QTY
57-604750	3" SQ POT XDEEP TRAY - X-3PXD20	x-3pxd400			100	36	3600
56-032050	3" SQ PF TRAY - L-PF32TRAY	x-3p800, x-3pd			100	32	3200
56-032100	4" SQ PF TRAY - L-PF12TRAY	x-41pe900, x-4p300			100	48	2000
56-032110	4" SQ PF TRAY - L-PF18TRAY	x-41pe900, x-4p450			100	32	3200
56-631240	4.5" SQ PF TRAY - L-4.5PF12	x-4.5p300, x-4.5pd300			100	20	2000
56-631143	4.5" SQ (10) TRAY - X-45SPT10	x-4.5p, x-4.5pd			90	30	2600
56-631145	4.5" SQ (12) TRAY - X-4.5SPT12	x-4.5p, x-4.5pd			100	21	2100
56-032250	4.5" SQ PF TRAY (15) - L-PF15TRAY	x-4.5p375, x-4.5pd375			50	32	1600
56-032114	4" SQ MG TRAY (15) - X-T15S40MG	i-s400mg			60	32	1920
56-014270	SQ T-POT TRAY (18) - C-TPT18	c-tp900			100	36	3600
56-014275	SQ T-POT TRAY (20) - C-TPT20	c-tp900			100	30	3200
AZALEA POTS							
57-602101	5" AZA MG TF POT BK - X-5AMGT		5.00	3.61	440	48	12000
57-602103	5" AZA MG TF POT WH - X-5AMGT		5.00	3.61	440	48	12000
57-602105	5" AZA MG TF POT GN - X-5AMGT		5.00	3.61	440	48	12000
57-602107	5" AZA MG TF POT TC - X-5AMGT		5.00	3.61	440	48	12000
57-603101	6" AZA MG TF POT BK - X-6AMGT		6.00	4.38	220	48	15000
57-603103	6" AZA MG TF POT WH - X-6AMGT		6.00	4.38	220	48	15000
57-603105	6" AZA MG TF POT GN - X-6AMGT		6.00	4.38	220	48	15000
57-603107	6" AZA MG TF POT TC - X-6AMGT		6.00	4.38	220	48	15000
57-604101	6.5" AZA MG TF POT BK - X-65AMGT		6.00	5.00	240	48	10500
57-604103	6.5" AZA MG TF WH - X-65AMGT		6.00	5.00	240	48	10500
57-604105	6.5" MG TF GN - X-65AMGT		6.00	5.00	240	48	10500
57-604107	6.5" MG TF TC - X-65AMGT		6.00	5.00	240	48	10500
57-605101	7.5" AZA MG TF BK - X-75AMGT		7.50	5.71	220	27	7200
57-605103	7.5" AZA MG TF WH - X-75AMGT		7.50	5.71	220	27	7200
57-605105	7.5" AZA MG TF GN - X-75AMGT		7.50	5.71	220	27	7200
57-605107	7.5" AZA MG TF TC - X-75AMGT		7.50	5.71	220	27	7200
NURSERY TRAYS							
57-018702	6.5" NURSERY TRGAL BK - X-65NTGT		6.50	6.50	200	48	9450
57-018700	6.5" NURSERY TRGAL TC - X-65NTGT		6.50	6.50	200	48	9450
57-018704	6.5" NURSERY TRGAL OL - X-65NTGT		6.50	6.50	200	48	9450
57-028000	8.5" NURSERY TR2GAL BK - X-85NT2G		8.50	8.50	100	24	5800
SEEDER TRAYS							
54-232991	20 ROW SEEDER TRAY - P-SEED20	21.50	11.00	1.25	100	32	3200



TF = Thermo-formed Product

ROUND POTS

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
57-608400	4" STD RD MG TF BK - X-4RMGT		4.00	4.39	825	42	24192
57-608404	4" STD RD MG TF TC - X-4RMGT		4.00	4.39	825	42	24192
57-601430	4.33" STD RD MG BK - X-43RMGT		4.33	3.90	900	36	17000
57-610241	4.5" GER MG TF BK - X-45RMGT		4.50	4.02	675	48	15000
57-610245	4.5" GER MG TF GN - X-45RMGT		4.50	4.02	675	48	15000
57-602450	4.5" GER MG TF TC - X-45RMGT		4.50	4.02	675	48	15000
57-602205	5" STD MG TF POT GN - X-5RMGT		5.00	4.57	360	48	9792
57-602207	5" STD MG TF POT TC - X-5RMGT		5.00	4.57	360	48	9792
57-614040	6" TRADE MG TF BK - X-T600		5.30	4.51	240	48	17640
57-614042	6" TRADE MG TF TC - X-T600		5.30	4.51	240	48	17640
57-049600	TRUE QT MG TF BK - X-TQTMGT		4.75	5.27	600	24	8640
57-049850	8" MUM PAN MG BK - X-8MPMGT		8.00	5.00	300	20	7800
57-049853	8" MUM PAN MG TC - X-8MPMGT		8.00	5.00	300	20	7800
57-053003	9"X6" MUM COEX BK - X-9MPMGT		9.00	5.90	100	40	3500
57-053001	9"X6" MUM COEX TC - X-9MPMGT		9.00	5.90	100	40	3500
57-053004	9"X6" MUM COEX GN - X-9MPMGT		9.00	5.90	100	40	3500



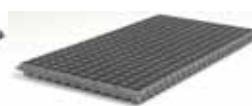
P-98



P-128



P-200



P-288



P-512

PLUG TRAYS

54-601098	P-98 SQ PLUG TRAY - P-98	21.38	11.05	2.00	100	32	3200
54-601128	P-128 SQ PLUG TRAY - P-128	21.38	11.05	2.10	100	32	3200
54-601200	P-200 SQ PLUG TRAY - P-200	21.38	11.05	1.75	100	32	3200
54-601288	P-288 SQ PLUG TRAY - P-288SQ	21.38	11.05	1.00	100	32	3200
54-601512	P-512 SQ PLUG TRAY - P-512	21.38	11.05	1.00	100	20	2000

NURSERY CONTAINERS

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
61-030095	100 NURSERY CONTAINER - I-NC1QT		4.40	4.75	408	24	5760
61-030100	300 NURSERY CONTAINER - I-NCTGAL		6.13	6.87	60	42	6552
61-030150	400 NURSERY CONTAINER - I-NC2GAL		7.15	7.00	75	30	4500
61-030200	600 NURSERY CONTAINER - I-NCT2GAL		8.04	8.50	65	30	4350
56-657300	300 NURSERY CONTAINER - X-3QCTCPP		19.50	12.75	50	36	1400



BOTENIA SERIES							
Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
51-070081	8" SATURN POT TC - K-SAT8		8.00	5.73	100	40	7000
51-070083	8" SATURN POT CH - K-SAT8		8.00	5.73	100	40	7000
51-070085	8" SATURN POT TN - K-SAT8		8.00	5.73	100	40	7000
57-070087	8" SATURN POT OL - K-SAT8		8.00	5.73	100	40	7000
51-070101	10" SATURN POT TC - K-SAT10		10.00	7.86	50	40	3290
51-070103	10" SATURN POT CH - K-SAT10		10.00	7.86	50	40	3290
51-070105	10" SATURN POT TN - K-SAT10		10.00	7.86	50	40	3290
51-070121	12" SATURN POT TC - K-SAT12		12.00	9.27	40	30	2100
51-070123	12" SATURN POT CH - K-SAT12		12.00	9.27	40	30	2100
51-070125	12" SATURN POT TN - K-SAT12		12.00	9.27	40	30	2100
51-070214	12" SATURN POT OL - K-SAT12		12.00	9.27	40	30	2100
51-070141	14" SATURN POT TC - K-SAT14		14.00	11.19	30	16	1080
51-070143	14" SATURN POT CH - K-SAT14		14.00	11.19	30	16	1080
51-070145	14" SATURN POT TN - K-SAT14		14.00	11.19	30	16	1080
51-070147	14" SATURN POT OL - K-SAT14		14.00	11.19	30	16	1080
51-070201	12" TREASURE BOWL TC - K-TSB12		12.00	5.67	50	48	3300
51-070203	12" TREASURE BOWL OL - K-TSB12		12.00	5.67	50	48	3300
51-070204	12" TREASURE BOWL TN - K-TSB12		12.00	5.67	50	48	3300
51-070205	12" TREASURE BOWL CB - K-TSB12		12.00	5.67	50	48	3300
51-070211	14" TREASURE BOWL TC - K-TSB14		14.00	5.75	50	36	2475
51-070212	14" TREASURE BOWL TN - K-TSB14		14.00	5.75	50	36	2475
51-070213	14" TREASURE BOWL CH - K-TSB14		14.00	5.75	50	36	2475
51-070147	14" TREASURE BOWL OL - K-TSB14		14.00	5.75	50	36	2475
51-070301	12" T SERENE POT TC - K-SDC12		11.50	10.00	50	36	2820
55-612001	12" SERENE HB WH - K-SDB12		12.00	7.50	50	36	3240
55-612003	12" SERENE HB GN - K-SDB12		12.00	7.50	50	36	3240
57-632312	12" FLUTED OVAL TC - K-OVL12		12.00	4.00	100	32	3900
57-632313	12" FLUTED OVAL TN - K-OVL12 TAN		12.00	4.00	100	32	3900
57-632314	12" FLUTED OVAL CH - K-OVL12		12.00	4.00	100	32	3900
57-634310	14" FLUTED PLNTR BK - K-FPN14		14.00	9.50	30	16	2115
57-632316	14" FLUTED PLNTR OL - K-FPN14		12.00	4.00	100	32	3900
57-634314	14" FLUTED PLNTR TC - K-FPN14		14.00	9.50	30	16	2115
57-634316	14" FLUTED PLNTR CH - K-FPN14		14.00	9.50	30	16	2115
57-634318	14" FLUTED PLNTR TN - K-FPN14		14.00	9.50	30	16	2115



BOTANIA SERIES CONT.

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
57-636310	16" FLUTED OVAL TC - K-OVL16		16.00	6.00	50	36	2682
57-636312	16" FLUTED OVAL TN - K-OVL16		16.00	6.00	50	36	2682
57-636314	16" FLUTED OVAL CH - K-OVL16		16.00	6.00	50	36	2682
57-636316	16" FLUTED OVAL OL - K-OVL16		16.00	6.00	50	36	2682

MG = MaxiGrow

POTS & BOWLS

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
57-617010	6" AZA TRAD POT BK - I-A600		6.00	4.50	200	48	12600
57-617012	6" AZA TRAD POT GN - I-A600		6.00	4.50	200	48	12600
57-630010	10" AZA TRAD POT BK - I-A10		9.75	7.25	50	40	3800
57-630014	10" AZA TRAD POT GN - I-A10		9.75	2.75	50	40	3800
57-609402	4" AZA MG POT GN - I-A400MG		3.88	2.88	248	25	27135
57-623010	7.5" AZA MG POT BK - I-A750MG		7.50	5.50	248	24	5952
57-623012	7.5" AZA MG POT GN - I-A750MG		7.50	5.50	248	24	5952
57-125010	8" AZA MG POT BK - I-A800MG		7.75	5.75	282	25	8460
57-616010	6" AZA MG PLUS BK - I-A600MP		6.00	4.75	252	48	16140
57-616012	6" AZA MG PLUS GN - I-A600MP		6.00	4.75	252	48	16140
57-618036	6" AZA MG PLUS TC - I-A600MP		6.00	4.75	252	48	16140
57-618030	6.5" AZA MG PLUS BK - I-A650MP		6.50	5.13	260	48	13818
57-618034	6.5" AZA MG PLUS GN - I-A650MP		6.50	5.13	260	48	13818
57-618036	6.5" AZA MG PLUS TC - I-A650MP		6.50	5.13	260	48	13818
57-610210	4.5" GER MG POT BK - I-G450MG		4.50	4.00	900	36	40500
57-610212	4.5" GER MG POT GN - I-G450MG		4.50	4.00	900	36	40500
57-608490	4" STD RD MG POT BK - I-R400MG		4.00	3.50	832	30	38100
57-608492	4" STD RD MG POT GN - I-R400MG		4.00	3.50	832	30	38100
57-616490	6" STD RD MG POT BK - I-R600MG		6.00	5.50	204	48	13200
57-616491	6" STD RD MG POT GN - I-R600MG		6.00	5.50	204	48	13200
57-616492	6" STD RD MG POT TC - I-R600MG		6.00	5.50	204	48	13200
57-608390	4" SQ TRUE MG BK - I-S400MG		3.50	3.00	900	32	28800
57-608392	4" SQ TRUE MG GN - I-S400MG		3.50	3.00	900	32	28800
57-610350	4.5" SQ TRUE MG GN - I-S450MG		4.50	3.63	870	32	31320
57-610352	4.5" SQ MG POT GN - I-S450MGGN		4.50	3.63	870	32	31320



I-HPS600GR & I-HPS600WH I-HPS600GR & I-HPS600WH



I-DS12 & I-DSS12



I-IHB10

HANGING BASKETS								
Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY	
		Length	Width	Depth				
55-606230	6" SMOOTH HB W/S WH - I-HPS600WH		6.88	4.50	312	N/A	8085	
55-608232	6" SMOOTH HB W/S GN - I-HPS600GN		6.88	4.50	312	N/A	8085	
55-608230	8" SMOOTH HB W/S WH - I-HPS800		8.44	5.00	90	N/A	3960	
55-608232	8" SMOOTH HB W/S GN - I-HPS800		8.44	5.00	90	N.A	3960	
55-608330	8" FLUTED SL HB WH - I-FHB8		8.25	5.25	50	75	7350	
55-608332	8" FLUTED SL HB GN - I-FHB8GN		8.25	5.25	50	75	7350	
55-610230	10" IMPERIAL HB BK - I-IHB10		10.00	6.85	50	50	4500	
55-610231	10" IMPERIAL HB WH - I-IHB10		10.00	6.85	50	50	4500	
55-610232	10" IMPERIAL HB GN - I-IHB10		10.00	6.85	50	50	4500	
55-610233	10" IMPERIAL HB MC - I-IHB10		10.00	6.85	50	50	4500	
55-610234	10" IMPERIAL HB OL - I-IHB10		10.00	6.85	50	50	4500	
55-610235	10" IMPERIAL HB CB - I-IHB10		10.00	6.85	50	50	4500	
55-610020	10" CONTMP SWIRL SL HB WH - I-CT10		10.50	5.44	50	50	4500	
55-610022	10" CONTMP SWIRL SL HB GN - I-CT10		10.50	5.44	50	50	4500	
55-610024	10" CONTMP SWIRL SL HB TC - I-CT10		10.50	5.44	50	50	4500	
55-611020	10" SWIRL HB W/S WH - I-CTS10		10.50	5.44	50	30	4500	
55-611022	10" SWIRL HB W/S GN - I-CTS10		10.50	5.44	50	30	4500	
55-000200	12" SWIRL HB SL WH - I-DS12WH		11.81	7.22	25	48	950	
55-000201	12" SWIRL HB SL OL - I-DS12OL		11.81	7.22	25	48	950	
55-000202	12" SWIRL HB SL GN - I-DS12GN		11.81	7.22	25	48	950	
55-000203	12" SWIRL HB SL TN - I-DS12TN		11.81	7.22	25	48	950	
55-000204	12" SWIRL HB SL CB - I-DS12CB		11.81	7.22	25	48	950	
55-000205	12" SWIRL HB SL TC - I-DS12TC		11.81	7.22	25	48	950	
55-611031	12" SWIRL HB W/S WH - 1-DSS12		11.81	7.22	25	48	950	
55-611032	12" SWIRL HB W/S GN - I-DSS12		11.81	7.22	25	48	950	
55-600801	16" 3STR HANGER WH - I-16ACL		16.00		50	450	N/A	
55-600802	16" 3STR HANGER GN - I-16ACL		16.00		50	450	N/A	
55-600841	19" 3STR HANGER WH - I-19SPCL		19.00		50	450	N/A	
55-600842	19" 3 STR HANGER OL - I-19SPCL		19.00		50	450	N/A	
55-600843	19" 3STR HANGER GN - I-19SPCL		19.00		50	450	N/A	

11/3/2015 CONTENT REVISED



HANGING BASKETS CONT.

Product Code	Description	Cell Dimensions			Case QTY	CS/ Skid	Bulk QTY
		Length	Width	Depth			
55-600844	19" 3STR HANGER TC - I-19SPCL		19.00		50	450	N/A
55-001871	22" 4 STR HANGER WH - K-22ACL		22.00		25	80	N/A
55-001872	22" 4 STR HANGER GN - K-22ACL		22.00		25	80	N/A
55-001873	22" 4 STR HANGER TC - K-22ACL		22.00		25	80	N/A
55-001874	22" 4 STR HANGER TN - K-22ACL		22.00		25	80	N/A
55-001875	22" 4 STR HANGER OL - K-22ACL		22.00		25	80	N/A
55-001876	22" 4 STR HANGER ST - K-22ACL		22.00		25	80	N/A



5" (8) AZ



5" (8) STD



Trade 6" (8)



6" (8) STD



6" AZ



6.5" (6)



True Quart

ROUND TRAYS (5" - 6.5")

Product Code	Description	Compatibility Pots	Case QTY	CS/ Skid	Bulk QTY
56-636000	5" AZ TRANS TRAY(8) - X-T5TPPB	x-5amgt	100	36	3600
56-605300	5" RD(8) STD TRAY - X-T13TPPPB	x-5rmgt	100	24	2700
56-645850	TRADE 6" TRANS TRAY(8) - X-T6TPPB	i-t600mp, x-t600	100	28	1400
56-645800	6" STD TRANS TRAY(6) - X-6TPRGPPB	i-r600mg	100	30	3000
56-645975	6" AZA TRANS TRAY(6) - X-6TPPPB	i-a600, x-6amgt	100	30	3000
56-646000	6.5" TRANS TRAY(6) - X-65TPPPB	i-a650mp, x-65amgt	100	28	2800
56-647170	TRUE QT TRANS TRAY(8) - X-QTPPB8	i-nc1qt, x-tqtmgt	75	36	2700



STANDARD FLATS/INSERTS

STANDARD INSERTS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
54-011620	D606 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	most standard injection/vacuum flats
54-013620	DJ606 Jumbo Standard Insert	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 3-3/4	
54-011660	D801 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011680	D804 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011690	D806 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-012690	D806R Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011710	D809 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011820	D1201 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011830	D1202 Standard Insert	Black	100/cs	64cs/skid	N/A	21x10-1/2 x 2-1/4	
54-011840	D1203 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011850	D1204 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
54-011870	D1206 Standard Insert	Black	100/cs	64cs/skid	N/A	21x10-1/2 x 2-1/4	
54-011890	D1801 Standard Insert	Black	100/cs	64cs/skid	7200/sk	21x10-1/2 x 2-1/4	
STANDARD VACUUM FLATS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
58-027450	DVF1020 Flat	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 2-3/8	N/A
58-027451	DVF1020 Flat No Hole	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 2-3/8	N/A
58-028450	DVF1020R Flat	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 2-3/8	N/A
58-028453	DVF1020R6 Flat	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 2-3/8	600 & 1200 std. series
58-028454	DVF1020R8 Flat	Black	100/cs	36cs/skid	3600/sk	21x10-1/2 x 2-3/8	800 std series
SHEET OF POTS (DEEP INSERTS)							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
54-062950	AS4510 annual sheet of 10 4.19" sq. pots	Black	50/cs	44cs/skid		21-5/8x8-1/4 x 4	CTS4510
54-065950	PS4510 T/L Tag Locator per sheet of 10 deep 4.25" sq. pots	Black	50/cs	44cs/skid		21-5/8x8-1/4 x 5	CTS4510
54-068890	TPS1801 Cut	Black	100/cs	36cs/skid		20x10 x 3-1/2	
54-071890	DPS1801 Cut std per sheet of 18 dp 3.56" sq. pots	Black	100/cs	36cs/skid		21x10-1/2 x 3-1/2	CTS418PF
54-073890	DPS1801 Uncut	Black	100/cs	36cs/skid		21x10-1/2 x 3-1/3	
54-065880	PS1501 Deep perl sheet of 14 deep 4.19" sq. pots	Black	50/cs	28cs/skid		20-3/4x12-1/2 x 4-3/4	CTS4515
56-024240	CTS418PF Sq Press Fit	Black	50/cs	48cs/skid	3600/sk	21-1/4x10-5/8 x 2-3/8	DPS1801
56-030200	CTS4510SR	Black	50/cs	44cs/skid	2200/sk	21x8-1/2 x 3	AS4510/PS4510
58-055450	TV1020P18 Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2	TPS1801
56-032200	CTS4515 (4.5" Sq Pot x 15)	Black	50/cs	28cs/skid	2100/sk	21x 12-5/8 x2-3/8	
DVF=Standard Vacuum Full Depth, AS=Annual Sheet, PS=Perennial Sheet, TPS=True Perennial Sheet, DPS=Standard Perennial Sheet, TV=True Vacuum							



TRUE FLATS/INSERTS

T=True, BP=Basket Pack, HP=Half Pack, QP=Quarter Pack,
H=Handle Hole, TV=True Vacuum, TVF=True Vacuum Flat

TRUE INSERTS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
54-044680	T804 True Insert	Black	100/cs	72cs/skid	8000/sk	20x10 x 2-1/2	most true injection/vacuum flats
54-044690	T806 True Insert	Black	100/cs	72cs/skid	8000/sk	20x10 x 2-1/2	
54-050690	T806R True Insert	Black	100/cs	72cs/skid	8000/sk	20x10 x 2-1/2	
55-044820	T1201 True Insert	Black	100/cs	36cs/skid	N/A	20x10 x 2-1/2	
54-044840	T1203 True Insert	Black	100/cs	36cs/skid	5000/sk	20x10 x 2-1/2	
54-050840	T1203R True Insert	Black	100/cs	72cs/skid	8000/sk	20x10 x 2-1/2	
54-044850	T1204 True Insert	Black	100/cs	36cs/skid	5000/sk	20x10 x 2-1/2	
54-044870	T1206 True Insert	Black	100/cs	72cs/skid	8000/sk	20x10 x 2-1/2	T1020R6I, TVF1020R6
54-047620	TJ606 Jumbo True Insert	Black	100/cs	36cs/skid	4000/sk	20x10 x 3-1/4	

SPECIALTY TRUE PACKS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
54-053440	T306BP (H) True Insert (true 6 cell single basket pack)	White	300/cs	36cs/skid	12600/sk	10x6-3/4 x 3-1/2	DPC Handle 2, Basket Pack Clip Handle, TV1020R3
56-099432	Utility Handle 2 DPC	White	1000/cs	32cs/skid	N/A	16-1/4" length	T306BPH, T224HPH, HPT108H, SJ224HPH, HPSJ120H
56-099482	Basket Pack Clip Handle	White	1000/cs	32cs/skid	N/A	21-1/2" length	T306BP, HPSM109, SM306BP

TRUE VACUUM FLATS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
58-049450	TVF1020 Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2-5/8	N/A
58-050450	TVF1020R Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2-5/8	
58-050453	TVF1020R6 Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2-5/8	
58-050454	TVF1020R8 Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2-5/8	
58-050456	TVF1020R12 Flat (Full Depth)	Black	100/cs	36cs/skid	3600/sk	20x10 x 2-5/8	

TRUE INJECTION MOLDED FLATS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
58-008450	1020 True Light Weight	Black	50/cs	60cs/skid	3000/sk	20x10 x 2-1/2	true inserts, 5.5" sq. jumbo TL TW, M-6 sq. TW, TPS1801
58-009450	1020 True Medium Weight	Black	50/cs	60cs/skid	3000/sk	20x10 x 2-1/2	
58-012453	T1020R6I True Flat	Black	50/cs	60cs/skid	3000/sk	20x10 x 2	TJ606, T224HP, T412QP



PLUG/PROPAGATION TRAYS

STANDARD VACUUM PLUG TRAYS

Catalog #	Description	Color	Pk	Master	Bulk	Dia. x Height (inches)
54-084120	DVPT51HX (2-51 cell strips x 50 sheets = 100pcs/cs)	Black	50/cs	36cs/skid	N/A	22 x 1-3/4 x 1-11/16
54-084250	DVPT105HX E Plug Tray VT	Black	50/cs	36cs/skid	2250/sk	20-3/4x10-1/4 x 1-3/4
54-082280	DVPT128SQ Plug Tray VT	Black	50/cs	36cs/skid	2250/sk	20-3/8x10-1/4 x 1-9/16
54-083280	DVPT128RD Plug Tray	Black	50/cs	36cs/skid	2250/sk	10-3/8x10-1/4 x 1-1/4
54-080400	DVPT288CE Plug Tray	Black	50/cs	36cs/skid	2250/sk	20-1/2x10-1/4 x 1-1/16
54-080570	DVPT512CE Plug Tray	Black	50/cs	36cs/skid	2250/sk	20-1/2x10-1/4 x 7/8

TRUE VACUUM PLUG TRAYS

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)
54-086200	TVPT84SQ Plug Tray (w/ Tag Ramp) VT	Black	50/cs	36cs/skid	2250/sk	20x10 x 1-3/4
54-088320	TVPT144RD Plug Tray VT	Black	50/cs	36cs/skid	2250/sk	20x10 x 1-5/8
54-086320	TVPT144SQ Plug Tray VT	Black	50/cs	36cs/skid	2250/sk	20x10 x 1-5/8
54-086400	TVPT288SQ Plug Tray	Black	50/cs	36cs/skid	2250/sk	20x10 x 1-1/8

VACUUM PROPAGATION SHEETS

Catalog #	Description	Color	Pack	Master	Master	Dia. x Height (inches)
54-077020	DPS24 (round cell)	Black	100/cs	36cs/skid	N/A	20-3/4x10-5/16 x 2-3/8
54-077060	DPS38 (round cell)	Black	100/cs	36cs/skid	N/A	20-3/4x10-5/16 x 2-3/8
54-071070	DPS40 (square cell)	Black	100/cs	36cs/skid	N/A	20-3/4x10-5/16 x 2-3/4

VACUUM PROPAGATION SHEETS

Catalog #	Description	Color	Pack	Master	Dia. x Height (inches)
54-071100	DPS50 (round cell)	Black	100/cs	36cs/skid	20-3/4x10-5/16 x 2-3/8
54-074130	DPS60 (square cell)	Black	100/cs	36cs/skid	20-3/4x10-5/16 x 2-3/4
54-077170	DPS72 (round cell)	Black	100/cs	36cs/skid	20-3/4x10-5/16 x 2-3/8
54-071220	DPS98 (round cell)	Black	100/cs	36cs/skid	20-3/4x10-5/16 x 1-9/16
54-074130	DPS60P strip (6x10) sq cell	Black	75/cs	36cs/skid	20 x 10 x 3
54-074170	DPS72P strip (6x12) sq cell	Black	75/cs	36cs/skid	20 x 10 x 2 1/8
54-074180	DPS75P strip (3 x 25) sq cell	Black	50/cs	36cs/skid	20 x 9 3/8 x 1 3/4

DVPT=Standard Vacuum Plug Tray, HX=Hexagon, SQ=Square, VT=Ventilated, RD=Round, CE=Common Element, DI=Standard Injection, E=Endless, TVPT=True Vacuum Plug Tray, TI=True Injection, DPS=Standard Propagation Sheet



ROUND POTS/CARRIERS



8-10" ROUND POTS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	Compatibility
57-025010	8" Azalea TW	Black	138/cs	60cs/skid	8960/sk	8 x 5-9/16	CTA84
57-025011		Green					
57-025490	8" Standard Stock TW	Black	100/cs	30cs/skid	6300/SK	8-7/16 x 7-1/8	Hanger E-10/E-10L, 8" Point Cage 1 & 2
57-025491		Green					
57-027020	8.5" Azalea TW w/ slot	Black	130/cs	60cs/skid	9000/sk	8-5/16 x 5-13/16	Hanger E-10 or E-10L
57-027021		Green					
57-030010	10" Azalea TW	Black	90/cs	40cs/skid	4450/sk	10 x 7-1/2	N/A
57-030011		Green					

ROUND POT CARRIERS FOR 3-4.5"							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
56-015160	CTR3512	Black	50/cs	36cs/skid	2600/sk	21-1/4x7-1/8 x 3-1/2	3.5" std TW TL x 12
56-016162	CTR46 w/ DPC handle 2	White	100/cs	44cs/skid	6000/sk	12x8 x 3-3/4	4" std pot x 6
56-018160	CTR410	Black	50/cs	44cs/skid	2750/sk	20x8 x 3-5/8	4" std pot x 10
56-020160	CTR415	Black	50/cs	28cs/skid	2400/sk	20-3/8x12-1/4 x 3-1/2	4" std pot x 15
56-026082	CTG4258 (spaced)	Black	50/cs	36cs/skid	1800/sk	20x10 x 4-1/4	4.25" geranium pot x 8
56-026080	CTG42510	Black	50/cs	40cs/skid	2200/sk	21-1/2x8-3/4 x 4-1/4	4.25" geranium pot x 10
56-029080	CTG458	Black	50/cs	36cs/skid	2250/sk	19-5/8x10 x 4	4.5" geranium pot x 8
56-031080	CTG4512	Black	50/cs	24cs/skid	2400/sk	18-1/4x14 x 3-3/4	4.5" geranium pot x 12
56-032080	CTG4515	Black	50/cs	24cs/skid	2100/sk	22-3/4x13-3/4 x 4	4.5" geranium pot x 15
56-061400	4.5" Carryall Tray	Black	25/cs	57cs/skid	1425/sk	17-1/4x13 x 3	4.5" sq.TW, 4.5" sq.trad.TW, 4.5" sq. TL TW

PRO EX POTS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	
57-008521	4" Standard COEX Pot	Black	1260/cs	28cs/skid	36750/sk	4" x 4"	
57-008522	4" Standard COEX Pot	Clay	1260/cs	28cs/skid	36750/sk	4" x 4"	
57-008523	4" Standard COEX Pot	Green	1260/cs	28cs/skid	36750/sk	4" x 4"	
57-009242	4.25" Geranium COEX Pot	Clay	520/cs	60cs/skid	30000/sk	4.25" x 4-3/8"	
57-010240	4.5" Geranium COEX Pot"	Black	720/cs	40cs/skid	31000/sk	4.5" x 3.75"	
57-010242	4.5" Geranium COEX Pot"	Clay	720/cs	40cs/skid	31000/sk	4.5" x 3.75"	
57-010244	4.5" Geranium COEX Pot"	Green	720/cs	40cs/skid	31000/sk	4.5" x 3.75"	
57-010246	4.5" Geranium COEX Pot"	White	720/cs	40cs/skid	31000/sk	4.5" x 3.75"	

TL=Tag locator, TW=Thinwall, Per=Perennial, CoEx=CoExtruded, Vac=Vacuum


3-4.5" ROUND POTS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	Compatibility
57-006510	3.5" Standard TL TW	Black	1225/	36cs/	46750/	3-1/2 x 3-1/4	CTR3512
57-006511		Green	cs	skid	sk		
57-008010	4" Azalea TW	Black	1980/	32cs/	42000/	4 x 2-7/8	CTA415, 4/10/4 IST, 4/12/8 IST, 4/15/4 IST
57-008011		Green	cs	skid	sk		
57-008490	4" Standard TW	Black	1550/	28cs/	42000/	4 x 3-1/2	CTR410, CTR415, 4/12/8 IST, 4/15/4 IST, 4/10/4 IST
57-008491		Green	cs	skid	sk		
57-009211	4.25" Geranium TL TW	Green	680/	40cs/	31500/	4-1/4 x 3-13/16	FPG42515, CTG4258, CTG42510
57-009213		White	cs	skid	sk		
57-010220	4.5" Geranium TW	Black	850/	38cs/	34410/	4-1/2 x 3-13/16	CTG4515, KG2, 4.5/12/8 IST, CTG4512, CTG458
57-010221		Green	cs	skid	sk		
57-010210	4.5" Geranium TL TW	Black	850/	40cs/	34410/	4-1/2 x 3-13/16	CTG4515, KG2, 4.5/12/8 IST, CTG4512, CTG458
57-010211		Green	cs	skid	sk		
57-010230	4.5" Geranium Trad. TW	Black	830/	40cs/	34410/	4-1/2 x 3-3/4	CTG458, CTG4512, CTG4515, 4.5/12/8 IST, KG2
57-010231		Green	cs	skid	sk		

5-6.5" ROUND POTS

Catalog #	Description	Color	Pk	Master	Bulk	Dia x Ht	Compatibility
57-012010	5" Azalea TL TW	Black	792/cs	36cs/	32400/	5 x 3-5/8	CTA58, 5/8/5 IST
57-012011		Green					
57-012000	5" Azalea Tall CoEx	Black	600/cs	36cs/	21600/	5 x 5 3/4	
57-014030	5.5" Azalea Trad. TW	Black	544/cs	32cs/	20000/	5-13/32 x 4-9/16	CTA556, CTA558, 5.5/8/5.5 IST, 5.5/6/5.5L IST
57-014031		Green					
57-014042	5.5" Azalea Trad. CoEx	CL/BK	496/cs	32cs/	16555/	5-3/10 x 4-1/2	CTA558, CTA556L, 5.5/6/5.5L CXIST, 5.5/8/5.5 IST
57-014041		GN/BK					
57-016010	6" Azalea TW	Black	560/cs	32cs/	20000/	6 x 4-1/4	CTA66, CTA66L, 6/6/10 IST, 6/6/8 IST
57-016011		Green					
57-016050	6" Azalea Jumbo TW	Black	528/cs	32cs/	18200/	6-1/16 x 4-15/16	CTAJ66, CTAJ66L, 6/6/8 IST, 6/6/10 IST, 6J/6/10L IST
57-016051		Green					
57-016490	6" Standard TW	Black	440/cs	32cs/	14625/	6 x 5-3/4	CTR66, 6/6/8 IST, 6/6/10 IST
57-016491		Green					
57-016002	6" Azalea CoEx	CL/BK	864/cs	32cs/	30000/	5-9/10 x 4-1/4	CTA66 CX, 6/6/10 IST 1&2
57-016001		GN/BK					
57-018010	6.5" Azalea TW	Black	328/cs	48cs/	15105/	6-1/2 x 4-5/8	CTA656, FPGA16, 6.5" Carryall, 1G/6/10 IST)
57-018011		Green					
57-018030	6.5" Azalea Trad. TW	Black	240/cs	48cs/	13250/	6-1/2 x 4-15/16	CTAJ656, 6.5" Carryall
57-018031		Green					
57-018001	6.5" Azalea Euro CoEx Short (17cm)	Green	318/cs	32cs/	13520/	6 5/8 X 5	
57-018002		CL/BK					
57-071170	6.5" Azalea Euro CoEx Tall (17cm)	Black	294/cs	32cs/	13520/	6 5/8 X 6	



ROUND CARRIERS



ROUND POT CARRIERS FOR 5-8"							
Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
56-036000	CTA58	Black	50/cs	36cs/skid	2500/sk	19-7/8x9-7/8 x 3-3/4	5" Azalea pot x 8
56-038030	CTA556L CX (staggered)	Black	50/cs	36cs/skid	1800/sk	20x10 x 4-1/2	5.5" Az Trad. CoEx TW x 6
56-040000	CTA558	Black	50/cs	32cs/skid	1800/sk	22x11 x 4-5/8	5.5" Az trad. pot x 8
56-040010	CTA558 CX	Black	50/cs	32cs/skid	1800/sk	22x11 x 4-5/8	5.5" Az Trad. CoEx pot x 8
56-042000	CTA66	Black	50/cs	28cs/skid	1600/sk	18-1/2x12-3/8 x 4-3/8	6" Azalea pot x 6
56-042020	CTA66L (staggered)	Black	50/cs	28cs/skid	1600/sk	20x11-1/4 x 4-1/4	6" Azalea pot x 6
56-042010	CTA66 CX (staggered)	Black	50/cs	28cs/skid	2400/sk	20x11-1/4 x 4-1/4	6" Azalea CoEx pot x 6
56-042040	CTAJ66	Black	50/cs	28cs/skid	1600/sk	18-1/2x12-3/8 x 4-3/4	6" Azalea jumbo pot x 6
56-042060	CTAJ66L (staggered)	Black	50/cs	28cs/skid	1600/sk	20x11-1/4 x 4-7/8	6" Azalea jumbo pot x 6
56-042160	CTR66	Black	50/cs	28cs/skid	1600/sk	18-1/2x12-3/8 x 5	6" standard pot x 6
56-042290	DWT66 Self Watering Tray	Black	50/cs	28cs/skid	N/A	20-1/4x13-1/4 x 2-3/4	6" az TW/jumbo TW x 6
56-099600	Sunnyside Flat	White	25/cs	42cs/skid	N/A	19-3/8x12 x 2-7/8	6" std, 6" color, 6" az pots
56-046040	CTAJ656	Black	50/cs	28cs/skid	1750/sk	19-3/16x13-1/4 x 5	6.5" Azalea trad. Pot x 6
56-052300	FPGA16	Black	50/cs	28cs/skid	1400/sk	20x13 x 2-1/2	T1 TW pot x 6
seasonal	6.5" Carryall Tray	Black	25/cs	56cs/skid	1540/sk	19-1/8x12-5/8 x 3	6.5" az. TW, 6.5" az. trad. TW
57-018030	6.5" Azalea Trad. TW	Black	240/ cs	48cs/skid	13250/ sk	6-1/2 x 4-15/16	CTAJ656, 6.5" Carryall
57-018031		Green					
CTA=Carrier Tray Azalea, L=Long, CX=CoExtruded, CTR=Carrier Tray Round, DWT=Standard Watering Tray, IST=Injection Shuttle Tray, FPGA							
Guide for Injection Shuttle Trays: (##/##/##) pot size/pots per tray/pot spacing center to center							

SQUARE POTS



3-3.5" SQUARE POTS

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Bulk/M	Compatibility
57-004610	3" Sq. Deep Vac. Pot Press Fit (DSQVP3PF/D)	Black	800/cs	54cs/skid	N/A	2-5/8 x 3-1/2	N/A	CTS325PF, CTS332PF
57-005570	3.25" Sq. Vac. Pot (DSQVP325/D)	Black	1200/cs	28cs/skid	N/A	3-1/4 X 3-5/8	N/A	CTS32518PF, CTS32512
57-005610	3.25" Sq. Vac. Pot Press Fit (DSQVP325PF/D)	Black	450/cs	54cs/skid	N/A	3-1/4 X 3-5/8	N/A	CTS32518PF, CTS32512
57-006391	3.5" Square Traditional TW	GN/BK	800/cs	45cs/skid	N/A	3-1/2 x 3-1/16	\$112.91	Ltwt/ Mdw/ Hvywt flats

4-4.5" SQUARE POTS

Catalog #	Description	Color	Pk	Master	Bulk	Dia. x Height	Compatibility
57-006610	4" Sq. Deep Vac. Pot Press Fit (DSQVP4PF/D)	Black	450/cs	54cs/skid	N/A	3-1/2 x 3-1/2	CTS418PF
57-008350	4" Square TL TW	Black	846/cs	32cs/skid	30800/sk	3-31/32 x 3-5/8	CTS415, CTS1540, 4" Carryall, Jr Market Basket
57-008351		Green					
57-008390	4" Square Traditional TW	Black	900/cs	40cs/skid	N/A	3-7/8 x 3-3/8	CTS415, CTS1540, 4" Carryall
57-008391		Green					
57-010590	4.5" Sq. Vac. Pot Press Fit (DSQVP45PF)	Black	375/cs	28cs/skid	N/A	4-1/8 x 3-5/8	CTS4510PF, CTS4512PF, CTS4515PF
57-010600	4.5" Sq. Vac. Pot Press Fit (DSQVP45PF)	Black	250/cs	36cs/skid	N/A	4-1/8 x 3-5/8	CTS4510PF, CTS4512PF, CTS4515PF
57-010610	4.5" Sq. Deep Vac. Pot Press Fit (DSQVP45PF/D)	Black	375/cs	28cs/skid	N/A	4-1/8 x 5	CTS4512PF, CTS4515PF
57-010350	4.5" Square TW	Black	405/cs	48cs/skid	16250/sk	4-3/16 x 3-13/16	CTS410PF, CTS1545, 4.5" Carryall
57-010351		Green					
57-010390	4.5" Square Traditional TW	Black	510/cs	48cs/skid	26000/sk	4-1/8 x 3-1/2	CTS4515, CTS1545, 4.5" Carryall
57-010391		Green					
57-010450	4.5" Square Deep Per TL TW	Black	441/cs	48cs/skid	16250/sk	4-7/32 x 4-15/16	CTS4510SR, CTS1545, 4.5" Carryall

5.5-6" SQUARE POTS

Catalog #	Description	Color	Pk	Master	Bulk	Dia. x Height	Compatibility
57-014450	5.5" Square Deep Per TL TW	Black	256/cs	32cs/skid	12000/sk	5-1/4 x 5-15/16	CTS558, 5.5" sq. R6 Carryall
57-014410	5.5" Square Jumbo TL TW	Black	288/cs	36cs/skid	10000/sk	5-1/32 x 5-5/8	ltwt/ mdt flats
57-020351	M6 Square TW	Black	468/cs	36cs/skid	16000/sk	5 x 4-3/4	ltwt/ mdt flats
57-020482	M6 Square CoEx	CL/BK	468/cs	36cs/skid	16000/sk	5 x 5-3/8	ltwt/ mdt flats
57-020480		BK/BK					
57-020490	M6 Square Short CoEx	Black	585/cs	36cs/skid	20000/sk	5 x 4 1/2	CTS68

TL=Tag locator, TW=Thinwall, Per=Perennial, CoEx=CoExtruded, Vac=Vacuum



SQUARE CARRIERS



SQUARE POT CARRIERS FOR 3-3.5"

Catalog #	Description	Color	Pk	Master	Bulk	Dia. x Height (inches)	Compatibility
56-012200	CTS32512 Sq Pot	Black	100/cs	28cs/skid	3000/sk	19-1/2x6-5/8 x 1-7/8	"DSQVP325PFD x 12,
56-006240	CTS325PF Sq Press Fit (056-006-240)	Black	50/cs	36cs/skid	2100/sk	13-1/2x13-1/2 x 2-5/8	3.5" sq deep TW TL x 12"
56-010240	CTS332PF Sq Press Fit	Black	50/cs	32cs/skid	2250/sk	21-1/8x10-5/8 x 1-7/8	DSQVP3PFD x 25
56-014240	CTS32518PF Sq Press Fit	Black	50/cs	36cs/skid	3000/sk	19-7/8x9-7/8 x 1-7/8	DSQVP3PFD x 32
56-017200	CTS3518	Black	50/cs	36cs/skid	3000/sk	N/A	DSQVP325PF/D x 18

SQUARE POT CARRIERS FOR 4-4.5"

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
56-020200	CTS415	Black	50/cs	28cs/skid	2000/sk	19-1/2x11-3/4 x 3-3/8	4" sq pot x 15
56-022200	CTS1540	Black	50/cs	28cs/skid	1750/sk	20-1/4x12-1/4 x 2	4" sq pot x 15
56-024240	CTS418PF Sq Press Fit	Black	50/cs	48cs/skid	3600/sk	21-1/4x10-5/8 x 2-3/8	DSQVP4PFD x 18
56-060400	4" Carryall Tray (056-060-400)	Black	25/cs	84cs/skid	2100/sk	16-15/16x12-3/8 x 3	4" sq. TL TW, 4" sq. trad. TW, 4" az. TW, 4" std. TW
56-030200	CTS4510SR	Black	50/cs	44cs/skid	2200/sk	21x8-1/2 x 3	4.5" sq pot x 10
56-030240	CTS4510PF Sq Press Fit	Black	50/cs	44cs/skid	2200/sk	21-1/4x8-5/8 x 2	DSQVP45PF x 10
56-034200	CTS1545	Black	50/cs	28cs/skid	1750/sk	21-1/4x13 x 2	4.5" sq pot x 15
56-032200	CTS4515	Black	50/cs	28cs/skid	2100/sk	20-5/8x12-1/2 x 3-1/2	4.5" sq pot x 15
56-031240	CTS4512PF Sq Press Fit	Black	50/cs	42cs/skid	2100/sk	16-3/4x12-1/2 x 2-3/8	DSQVP45PFD x 12
56-032240	CTS4515PF Sq Press Fit	Black	50/cs	28cs/skid	2100/sk	21x12-5/8 x 2-3/8	DSQVP45PFD x 15
56-079560	4.5" SQ/12/8 IST	Black	25/cs	36cs/skid	900/sk	21 5/8 x 16 x 2	4" Sq TL TW, 4" sq TRAD TW, 4.5" sq deep TL, 4.5" sq TW, 4.5" sq TRAD TW
56-061400	4.5" Carryall Tray	Black	25/cs	57cs/skid	1425/sk	17-1/4x13 x 3	4.5" sq. TW, 4.5" sq. trad. TW, 4.5" sq. TL TW

SQUARE POT CARRIERS FOR 5.5-6"

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
56-040200	CTS558	Black	50/cs	36cs/skid	2250/sk	21-1/4x10-5/8 x 3-7/8	5.5" square deep pot x 8
56-044200	CTS68	Black	50/cs	36cs/skid	2000/sk	19-3/4x9-7/8 x 3-3/4	M-6/M-6 coex, 5.5" jumbo sq TL pot x8

CTS=Carrier Tray Square, Sq=Square, PF=Press Fit

ROUND POTS

7" ROUND POTS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht
57-021010	7" Azalea TW	Black	150/cs	66cs/skid	12650/sk	7 x 5-1/16
57-021011		Green				
57-023010	7.5" Azalea TW	Black	264/cs	36cs/skid	N/A	7-1/2 x 5-7/16
57-023011		Green				
57-023707	7.5" EURO Pot CoEx Short (Jr. Mum)	Black	220/cs	36cs/skid	11004/sk	7 1/2 X 5 3/4
57-023750	7.5" EURO Pot CoEx Tall (19cm)	Black	172/cs	36cs/skid	9450/sk	7 1/2 X 7 3/8

TL=Tag locator, TW=Thinwall, Trad=Traditional, CoEx=CoExtruded



COLOR PRODUCTS

COLOR BOWLS						
Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-030092	10" Color Bowl (use E-10/E-10L hanger)	Clay	82/cs	34cs/skid	3000/sk	9-15/16 x 4-3/4
57-032093		Mocha				
57-032092	12" Color Bowl (use E-12 hanger)	Clay	42/cs	48cs/skid	1680/sk	12-11/16 x 5-3/16
57-032093		Mocha				
57-034092	14" Color Bowl	Clay	45/cs	36cs/skid	1600/sk	14-3/4 x 5-5/8
57-034093		Mocha				
57-036092	16" Color Bowl	Clay	25/cs	30cs/skid	900/sk	16-7/8 x 6-1/4
57-036093		Mocha				
COLOR POTS						
Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-008112	4" Color Pot	Clay	648/ cs	40cs/skid	N/A	4-1/2 x 3-11/16
57-008113		Mocha				
57-008111	4" Color Pot - No Hole	Clay	648/ cs	40cs/skid	14000/sk	4-1/2 x 3-11/17
		Mocha				
57-008172	4" Color Pot Saucer (attachable)	Clay	648/ cs	48cs/skid	N/A	3-29/32 x 5/8
57-008173		Mocha				
57-016112	6" Color Pot	Clay	98/cs	66cs/skid	7500/sk	6-13/16 x 5-1/2
57-016113		Mocha				
57-025112	8" Color Pot	Clay	58/cs	60cs/skid	4400/sk	8-15/16 x 6-1/16
57-025113		Mocha				
57-025172	8" Color Pot Saucer (attachable)	Clay	58/cs	60cs/skid	N/A	8-5/16 x 1-11/16
57-025173		Mocha				
57-030112	10" Color Pot #1(use E-12 hanger)	Clay	58/cs	32cs/skid	2400/sk	10-7/8 x 7-3/4
57-030113		Mocha				
57-030152	10" Color Pot # 3 TL	Clay	50/cs	40cs/skid	2400/sk	9-7/8 x 7-7/8
57-030153		Mocha				
57-032112	12" Color Pot #1	Clay	28/cs	48cs/skid	1500/sk	13-3/8 x 9-1/2
57-032113		Mocha				
57-032132	12" Color Pot #2 TL	Clay	40/cs	32cs/skid	1500/sk	11-13/16 x 9-1/2
57-032133		Mocha				
57-034112	14" Color Pot	Clay	20/cs	36cs/skid	900/sk	15-17/32 x 11-5/16
57-034113		Mocha				



**Clay
Color Pot**



**Mocha
Color Pot**



**Hexagon
Color Pot**

WINDOW BOXES

WINDOW BOXES				
Catalog #	Description	Pack	Bulk	Size
DPR15500	Rec Designer PL TR	24	-	15.50"
SHW21000	Window Box	46	-	21"
DPR235000	Rec Designer PL TR	24	-	23.50"
SPX24DB0	Deck Box	5	400/sk	24.00"
CBP27000	Rectang Centabella PLNTR	12	-	27"



COLOR PRODUCTS

COLOR CORDOVA POTS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-030192	10" Cordova Pot	Clay	58/cs	32cs/skid	2160/sk	10-5/8 x 7-9/16
57-030193		Mocha				
57-032192	12" Cordova Pot	Clay	25/cs	48cs/skid	1500/sk	13 x 8-1/2
57-032193		Mocha				
57-034192	14" Cordova Pot	Clay	22/cs	36cs/skid	900/sk	15 x 10
57-034193		Mocha				



Clay
Cordova Pot



Clay
Mocha Pot

COLOR OVAL PLANTERS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-032312	12" Oval Color Planter (use E-12 hanger)	Clay	88/cs	48cs/skid	4800/sk	12-31/32 x 5
57-032313		Mocha				
57-032332	12" Oval Color Planter Saucer (attachable)	Clay	88/cs	48cs/skid	N/A	12-1/16 x 5-7/8
57-032333		Mocha				
57-035312	15" Oval Color Planter	Clay	56/cs	36cs/skid	1680/sk	15 x 5-15/16
57-035313		Mocha				
57-036312	16" Oval Color Planter (use E-12 hanger)	Clay	43/cs	30cs/skid	1680/sk	16-15/16 x 5-7/8
57-036313		Mocha				
57-036332	16" Oval Color Planter Saucer (attachable)	Clay	43/cs	45cs/skid	N/A	15-3/4 x 1-3/16
57-036333		Mocha				
57-040312	20" Oval Color Planter	Clay	28/cs	50cs/skid	1300/sk	20-7/8 x 6
57-040313		Mocha				



Clay Oval
Color Planter

COLOR SQUARE PLANTERS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-025472	8" Square Color Planter	Clay	56/cs	60cs/skid	3600/sk	8 x 7-1/16
57-025473		Mocha				
57-035472	15" Square Color Planter	Clay	10/cs	33cs/skid	540/sk	14-3/8 x 12-5/8
57-035473		Mocha				



Clay Square Color
Planter

COLOR ROMAN URNS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-028862	9" Roman Urn	Clay	44/cs	60cs/skid	4200/sk	9 x 7-1/8
57-028863		Mocha				
57-030862	10" Roman Urn	Clay	38/cs	50cs/skid	2520/sk	10 x 8-1/8
57-030863		Mocha				
57-033862	12.5" Roman Urn	Clay	20/cs	48cs/skid	1425/sk	12-1/2 x 9-7/8
57-033863		Mocha				



Roman Urn

DECK RAIL PLANTERS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
57-044872	24" Univesal Railing Planter	Clay	5/cs	40cs/skid	400/sk	N/A
57-044873		Mocha				
57-044871		Green				



Clay Deck
Rail Planter



HANGING BASKETS

HANGING BASKETS - SAUCERLESS (includes internal dish)						HB=Hanging Basket, SL=Saucerless
Catalog #	Description	Color	Pk	Master	Bulk	Dia x Ht
55-008261	8" ESL HB	White	50/cs	75cs/skid	4900/sk	8 x 5-9/16
55-008262		Green				
55-010261	10" ESL 1 HB	White	50/cs	50cs/skid	3200/sk	10 x 5-5/8
55-010262		Green				
55-010371	10" ESL 2 HB (hanger in rim)	White	50/cs	50cs/skid	3200/sk	10 x 6-1/8
55-010372		Green				
55-010001	10" Tuscan SL HB	White	100/cs	40cs/skid	4800/sk	10 x 5-3/4
55-010002		Green				
55-006181	6" Euro SL HB	White	100/cs	60cs/skid	7420/sk	6-1/2 x 4-1/4
55-006182		Green				
55-008181	8" Euro SL 2 HB	White	50/cs	75cs/skid	4900/sk	8 x 5-9/16
55-008182		Green				
55-010181	10" Euro SL 2 HB (hanger in rim)	White	50/cs	50cs/skid	3200/sk	10 x 6-1/8
55-010182		Green				
55-010021	10" Cascade SL HB	White	100/cs	40cs/skid	4800/sk	10 x 6-1/8
55-010022		Green				
55-012181	12" Euro SL HB	White	50/cs	32cs/skid	2080/sk	11-3/4 x 7-1/4
55-012182		Green				
55-010111	10" Traditional SL T HB	White	50/cs	50cs/skid	3200/sk	10 x 5-13/16
55-010112		Green				
NEW!	10" Traditional SL Matte HB	White	50/cs	50cs/skid	3200/sk	10 x 5-13/16
		Green				
55-010101	10" Traditional SL HB	White	50/cs	36cs/skid	2400/sk	10-3/4 x 6-15/16
55-010102		Green				
55-012101	12" Traditional SL HB	White	50/cs	28cs/skid	1800/sk	12 x 7-1/8
55-012102		Green				
55-012701	12" Traditional SL HB - ITML (HTS12000)	White	50/cs	24cs/skid	1800/sk	12 x 7-1/2
55-012702		Green				
55-010313	10" Color SL HB	Clay	50/cs	50cs/skid	3200/sk	10 x 6-1/8
55-010315		Mocha				
55-012303	12" Color SL HB	Clay	25/cs	48cs/skid	1800/sk	12-3/16 x 7-1/4
55-012305		Mocha				
55-012073	12" Cordova SL HB	Clay	25/cs	48cs/skid	1500/sk	13 x 8-1/2
55-012075		Mocha				
NEW!	12" DecoStone Hanging Basket	Sandstone	50/cs	27cs/skid	2500/sk	
NEW!	14" Mojave Hanging Basket		12/cs	12cs/skid	510/sk	

HB=Hanging Basket, SL=Saucerless



**ESL
Hanging Basket**



**Tuscan
Hanging Basket**



**Euro
Hanging Basket**



**Traditional
Hanging Basket**



**Cascade
Hanging Basket**



**Cordova
Hanging Basket**



**Roman
Hanging Basket**

Traditional
Hanging BasketEuro
Hanging Basket

HANGING BASKETS/ HANGERS

HANGING BASKETS - SAUCERLESS (includes internal dish)

Catalog #	Description	Color	Pk	Master	Bulk	Dia x Ht
55-010463	10" Roman SL HB	Clay	50/cs	50cs/skid	3200/sk	10 x 6-1/8
55-010465		Mocha				
seasonal	10" Plug Pot SL HB 6 Hole	White	50/cs	50cs/skid	N/A	9-3/4 x 5-5/8
seasonal		Green				
seasonal	10" Plug Pot SL HB 12 Hole	White	50/cs	44cs/skid	N/A	9-3/4 x 5-5/8
seasonal		Green				

HANGING BASKETS WITH EXTERNAL SAUCER

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)
55-008141	8" Traditional WS HB	White	50/cs	60cs/skid	N/A	8-3/4 x 5-1/16
55-008142		Green				
55-010141	10" Traditional 2 WS HB	White	50/cs	36cs/skid	2400/sk	10-3/4 x 6-15/16
55-010142		Green				
55-000501	Super Traditional WS HB	White	50/cs	32cs/skid	N/A	11-5/8 x 6-1/2
55-000502		Green				

WS=With Saucer, HB=Hanging Basket

BASKETS HANGERS

Catalog #	Description	Color	Pack	Length
55-000841	E-10 3-Strand Plastic Hanger	White	50/cs	16"
55-000842		Green		
55-000851	E-10L 3-Strand Plastic Hanger	White	50/cs	19-1/2"
55-000852		Green		
55-000871	E-12 4 Strand Plastic Hanger	White	25/cs	22"
55-000872		Green		
55-012759	12" Metal Hoop/Hanger (for 12" Cordova SL HB)	Silver	25/cs	19-3/4"
55-014759	14" Metal Hoop/Hanger (for 14" Cordova SL HB)	Silver	22/cs	25-1/2"
55-017909	17" 3-Strand Metal Hanger	Silver	50/cs	17"
55-021909	21" 3-Strand Metal Hanger	Silver	50/cs	21"
55-024939	24" 4-Strand Metal Hanger	Silver	50/cs	21"
55-021769	21" 3-Strand Fishhook Metal Hanger	Silver	50/cs	21-1/4"



BULBS PANS/ SPECIAL ITEMS



BULB PANS							
Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	Compatibility
57-012071	5" Bulb Pan TW (seasonal)	Green	936/cs	36cs/skid	N/A	5 x 2-5/16	N/A
57-016081	6" Bulb Pan (seasonal)	Green	400/cs	48cs/skid	N/A	6-3/16 x 3-5/8	N/A
57-021071	7" Bulb Pan (seasonal)	Green	78/cs	66cs/skid	N/A	7 x 4	N/A
57-025071	8" Bulb Pan 2 TW	Green	96/cs	60cs/skid	N/A	8-1/8 x 4	N/A
57-030071	10" Bulb Pan 2 TW	Green	96/cs	40cs/skid	N/A	10-1/16 x 5-1/16	N/A
57-032071	12" Bulb Pan	Green	58/cs	32cs/skid	N/A	11-15/16 x 6-3/16	N/A

TL= Tag locator, TW= Thinwall,
Trad= Traditional, CoEx= CoExtruded

SPECIALTY ITEMS - MARKET BASKETS, CAGES, SUPPORT RINGS, TRELLISES

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	Compatibility
57-006253	3.5" Jr Market Basket w/utility handle #1	White	50/cs	50cs/skid	3600/sk	15x8 x 4	3.5" square TW pots x 8
57-006251		Green					
57-090910	1G Trellis	Black	128/cs	36cs/skid	N/A	5-1/8 x 17	T1G, T1G squat, IM pots
57-090900	1G Trellis CX	Black	140/cs	32cs/skid	N/A	5-1/8 x 17	T1G Squat TL CoEx pots
56-099452	DPI Utility Handle #1	White	900/cs	60cs/skid	N/A	22" Long	jr./4" market basket, 9x13" half flat
54-062950	AS4510 annual sheet of 10 4.19" sq. pots	Black	50/cs	44cs/skid	N/A	21-5/8x8-1/4 x 4	CTS4510
54-065950	PS4510 T/L Tag Locator per sheet of 10 deep 4.25" sq. pots	Black	50/cs	44cs/skid	N/A	21-5/8x8-1/4 x 5	CTS4510
54-068890	TPS1801 Cut	Black	100/cs	36cs/skid	N/A	20x10 x 3-1/2	TV1020P18
	TPS1801 Uncut	Black	100/cs	36cs/skid	3600/sk	20 x 10 x 3-1/2	TV1020P18
54-071890	DPS1801 Cut	Black	100/cs	36cs/skid	N/A	21x10-1/2 x 3-1/2	CTS418PF
54-073890	DPS1801 Uncut	Black	100/cs	36cs/skid	N/A	21 x 10-1/2 x 3-1/2	CTS418PF
56-024240	CTS418PF Sq Press Fit	Black	50/cs	48cs/skid	3600/sk	21-1/4x10-5/8 x 2-3/8	DSQVP4PFD x 18
56-030200	CTS4510SR	Black	50/cs	44cs/skid	2200/sk	21x8-1/2 x 3	AS4510/PS4510
58-055450	TV1020P18 Flat	Black	100/cs	36cs/skid	3600/sk	20x10 x 2	TPS1801
56-032200	CTS4515	Black	50/cs	28cs/skid	2100/sk	20-5/8x12-1/2 x 3-1/2	4.5" sq pot x 15



NURSERY

NURSERY POTS & MUM PANS

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height	Compatibility
57-055731	1 Q Per Pot TL TW	Green	475/cs	33cs/skid	20000/sk	4-3/8 x 4-3/4	CTQ12, CTQ8, CTQ8LL, CTQ8L, 1Q/8/5 IST, CTQ8R
57-055632	1Q Per Pot TL CoEx	CL/BK	432/cs	33cs/skid	16800/sk	N/A	N/A
57-055630		GN/BK					
57-090650	T1G 2 WDTL	Black	128/cs	48cs/skid	8000/sk	6/1/2 X 7	FPGA16,FPGA13,1G/6/10 1ST,DWT1GA3, CTGA16
57-090680	T1G Squat TL TW (side drainage)	Black	140/cs	48cs/skid	8800/sk	6-17/32 x 6-5/32	N/A
57-090940	T1G Squat PLS CoEx	BK/BK	140/cs	48cs/skid	7965/sk	6-1/2 x 6-1/2	N/A
57-090942		CL/BK					
57-090941		GN/BK					
57-091660	T-2G TW (seasonal)	Black	60/cs	60cs/skid	4500/sk	8-1/16 x 7	N/A
57-091650	T-2G TL TW	Black	50/cs	60cs/skid	3450/sk	8-9/16 x 8-9/16	N/A
57-093650	T-3G TL TW	Black	30/cs	32cs/skid	1400/sk	10-29/32 x 9-1/2	N/A
57-095970	5G Squat w/ handle	Black	13/cs	36cs/skid	585/sk	15 x 9-1/2	N/A
57-097960	7G w/ handle	Black	10/cs	36cs/skid	540/sk	15 x 13-1/2	N/A
NEW!	JR Mum TW	Green	292/cs	36cs/skid	11500/sk	N/A	7.5/2/10, 19cm/2/10
57-050290	8" x 5" Mum Pan TW	Black	150/cs	50cs/skid	9000/sk	8 x 5-1/16	CTM84
57-050282	8" x 5" Mum Pan CoEx	CL/BK	170/cs	50cs/skid	10500/sk	8 x 5	CTM84
57-050281		GN/BK					
57-051290	9" x 6.5" Mum Pan TW	Black	54/cs	60cs/skid	5300/sk	9 x 6-9/16	N/A
57-052280	9" x 6.25" Mum Pan CoEx	BK	90/cs	60/cs/skid	5300/sk	9 x 6-9/16	N/A
57-052282	9" x 6.25" Mum Pan CoEx	CL	90/cs	60/cs/skid	5300/sk	10 x 6-9/16	N/A
57-052281	9" x 6.25" Mum Pan CoEx	GN	90/cs	60/cs/skid	5300/sk	11 x 6-9/16	N/A

NURSERY FLATS

NURSERY FLATS

Catalog #	Description	Color	Pack	Master	Bulk	Dia. x Height (inches)	Compatibility
56-090520	12" x 16" Nursery Flat	Black	50/cs	46cs/skid	2300/sk	16-5/16x12-3/8 x 3	N/A
56-092530	13" x 17" Nursery M Flat	Black	25/cs	76cs/skid	N/A	17-1/8x12-15/16 x 3	N/A
56-092520	13" x 17" Nursery Flat	Black	25/cs	68cs/skid	N/A	17-1/4x13-1/16 x 3-5/16	N/A
56-099452	DPI Utility Handle #1	White	900/cs	60cs/skid	N/A	22" Long	jr./4" market basket, 9x13" half flat



STANDARD WEB FLATS

STANDARD INJECTION MOLDED FLATS

Catalog #	Description	Color	Pack	Master	Bulk	Dia x Ht (inches)	Compatibility
58-000450	1020 Standard Lightweight	Black	50/cs	54cs/skid	2700/sk	21-1/8x10-1/2 x 2-1/2	standard inserts, 3.5" sq. trad., DPS1801
58-001450	1020 Standard Mediumweight	Black	50/cs	54cs/skid	2700/sk	21-1/8x10-1/2 x 2-1/2	
58-002450	1020 Standard Heavyweight	Black	50/cs	54cs/skid	2700/sk	21-1/8x10-1/2 x 2-1/2	



PÖPPELMANN



Easily stacked

Stacked using the pot edge - for trouble-free stacking.



Reduced labor costs

Perfect hanger fixing for fast and secure installation.



HANGING BASKETS						
PRODUCT CODE	DESCRIPTION	SIZE			CASE QTY	CS/ SKID
		VOL.	DIA.	HGT.		
MAN20	MAN20 Hanging Bskt	3 qt	8"	5.25"	132	20
MAJ25	MAJ25 Hanging Bskt	1.31 gal	10"	6"	116	20
MAJ25	MAJ25 Hanging Bskt	1.31 gal	10"	6"	n/a	2784
MAN25	MAN25 Hanging Bskt	1.31 gal	10"	6"	116	20
MAN25	MAN25 Hanging Bskt	1.31 gal	10"	6"	n/a	2784
MAL27Z	MAL27Z Hanging Bskt	1.55 gal	10.625"	6.5"	50	30
MAL27Z	MAL27Z Hanging Bskt	1.55 gal	10.625"	6.5"	n/a	2208
MAK27Z	MAK27Z Hanging Bskt	1.55 gal	10.625"	6.5"	46	30
MAK27Z	MAK27Z Hanging Bskt	1.55 gal	10.625"	6.5	n/a	2208
MHJ33	MHJ 33 Hanger	n/a	1.58 mm	15.25"	44	n/a
MHJ40	MHJ40 Hanger	n/a	1.58 mm	18"	58	n/a
A60	A60 Hanger	n/a	1.5 mm	23.23"	38	na/



PÖPPELMANN



GROWER POTS - THERMOFORMED STD

Product Code	Description	Size			Case QTY	Bulk QTY
		VOL.	DIA.	HGT.		
vcc9us	vcc9us Grower Pot	328 ML	3.5"	3.125"	3420	54000
vcc9fus	VCC9FUS Grower Pot	368 ML	3.5"	3.5"	3312	54000
VCC10US	VCC10US Grower Pot	450 ML	4"	3.375"	2668	43560
VCC10Fus	VCC10FUS Grower Pot	1 PT	4"	3.625"	2668	43560
vcc10.5us	VCC10.5US Grower Pot	1.10 PT	4.125"	3.5"	2125	36630
VCC11US	VCC11US Grower Pot	1.31 pT	4.33"	3.75"	1896	32130
VCC12US	VCC12US Grower Pot	1.70 PT	4.75"	4.125"	1420	25542
VCC12FUS	VCC12FUS Grower Pot	1 QT	4.75"	4.75"	1440	25542
VCC13US	VCC13US Grower Pot	1.07 QT	5"	4.5"	1024	18270
VRA14	VRA14 Grower Pot	1.25 QT	5.5"	4.625"	800	13312
VCC15US	VCC15US Grower Pot	1.57 QT	6"	5"	744	14000
VCC15FUS	VCC15FUS Grower Pot	1.76 QT.	6"	5.75"	708	13800
VCC16.5	VCC16.5 Grower Pot	2.5 QT	6.5"	6.125"	450	8624
VCA17	VCA17 Grower Pot	2.38 QT	6.66"	5.875"	450	8960

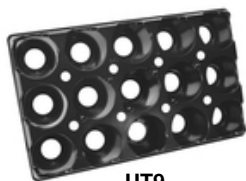
GROWER POTS - THERMOFORMED AZA

Product Code	Description	Size			Case QTY	Bulk QTY
		VOL.	DIA.	HGT.		
VCD13US	VCD13US Grower Pot	1.90 QT	5"	3.66"	1088	18480
VTD13US	VTD13US Grower Pot	1.74 QT	5"	4.5"	1088	18480
VTD15US	VTD15US Grower Pot	1.34 QT	6"	4.25"	780	14200
VTD16.5	VTD16.5 Grower Pot	2.04 QT	6.5"	5"	530	10032
VCB17	VCB17 Grower Pot	2.09 QT	6.66"	5.125"	477	9120
VCD19	VCD19 Grower Pot	3.05 QT	7.5"	5.875"	392	5200
VCD21	VCD21 Grower Pot	3.90 QT	8.25"	7.25"	276	3920
VCD21D	VCD21D Grower Pot	3 QT	8.25"	5"	288	4000
vcd22	VCD22 Grower Pot	1.2 gal	8.66"	7"	234	3312
STG15D	Plant Support	n/a	3.5"	6.75"	60	4680
stg16.5D	Plant Support	n/a	3.75"	7.875"	54	3240
STG17d	Plant Support	n/a	3.75"	7.875"	54	3240
stg19d	Plant Support	n/a	4.375"	8.75"	54	2592

Please call for bulk pricing on any of the items listed above.



PÖPPELMANN



UT9



UT10 (10)



UT10 (15)



UT11 (10)



UT11 (15)



UT12



UT13 (8)



UT14 (8)



UT 15 (6)



UT 16.5 & 17 (6)

TRAYS						
Item #	Description	Size	Length x Width	Fits These Pots	Case QTY	Bulk QTY
UT9	UT9 TRAY	3.5"/15 STD	20.5" x 12.375"	VCC9US	66	1288
UT10	UT10 TRAY	4"/10 STD	21" x 8.125"	VCC10US, VCH10	50	2200
UT10	UT10 TRAY	4"/10 FUS	21" x 8.125"	VCC10FUS, VCF10	48	2112
UT10	UT10 TRAY	4"/10 aza	21" x 8.125"	vtd10us, vcd10us	50	2200
UT10	UT10 TRAY	4"/15 STD	20.5" x 12.375"	VCC10us, vch10	50	1400
UT10	UT10 TRAY	4"/15 FUS	20.5" x 12.375"	vcc10fus, vcf10	50	1400
UT10	UT10 TRAY	4"/15 aza	20.5" x 12.375"	vtd10us, vcd10us	50	1400
UT11	UT11 TRAY	4.5"/10 std	21.875" x 8.875"	vcc11us, vch11, vtc11us	50	2000
UT11	UT11 TRAY	4.5"/10 aza	21.875" x 8.875"	VCD11us, to11d, vtd11us	50	2000
UT11	UT11 TRAY	4.5"/15 std	21.875" x 13.25"	vcc11us, vch11, vtc11us	63	1512
UT11	UT11 TRAY	4.5"/15 aza	21.875" x 13.25"	vcd11us, to11d, vtd11us	63	1512
UT12	UT12 TRAY	4.75"/8 fus	19.25" x 9.625"	vcc12fus	58	2088
UT13	UT13 TRAY	5"/8 std	20.875" x 10.375"	vcc13us, vch13, to138d, vce14	55	1760
UT13	UT13 TRAY	5"/8 aza	20.875" x 10.375"	vcd13us, vtd13us, to13d, mxc13, mxa13	55	1760
UT14	UT14 TRAY	5.5"/8 m	21.5" x 10.625"	vra14us	40	1980
UT15	UT15 TRAY	6"/6 std	18.125" x 12"	vcc15, mco15	60	1680
UT15	UT15 TRAY	6"/6 fus	18.125" x 12"	vcc15fus	58	1624
UT15	UT15 TRAY	6"/6 aza	18.125" x 12"	vcd15, vtd15, to15d, mxc15, mci15, mch15, vce 15, vce16	58	1624
UT16.5	UT16.5 TRAY	6.5"/6 std	18.875" x 12.625"	vcc16.5	50	1400
UT16.5	UT16.5 TRAY	6.5"/6 aza	18.875" x 12.625"	vcd16.5	50	1400
UT17	UT17 TRAY	6.75"/6 std	19.625" x 13.125"	vca17, vch17, vcf17, mxa17, mcl17, mch17	50	1400


PÖPPELMANN


MQA



TO



PDB



MXC



MQC

ROUND DECORATIVE POTS

Product Code	Description	Size			Case QTY	Bulk QTY
		VOL.	DIA.	HGT.		
PDB14	PDB14 Decorative Pot	1.22 qt	5.5"	4.66"	240	6750
PDB16	PDB16 Decorative Pot	1.8 qt	6.25"	5.375"	160	3960
PDB18	PDB18 Decorative Pot	2.41 qt	7"	6"	180	3600
PDB20	PDB20 Decorative Pot	3.57 qt	8"	6.66"	160	2000
PDB22	PDB22 Decorative Pot	1.18 gal	8.66"	7.375"	15	1620
PDB24	PDB24 Decorative Pot	1.53 gal	9.5"	8"	15	1350
PDB26	PDB26 Decorative Pot	1.94 gal	10.25"	8.66"	15	1170
PDB28	PDB28 Decorative Pot	2.43 gal	11"	9.375"	15	990
PDB32	PDB32 Decorative Pot	3.64 gal	12.625"	10.75"	12	576
PDB36	PDB36 Decorative Pot	5.23 gal	14.125"	12"	11	396
PDB40	PDB40 Decorative Pot	7.13 gal	15.75"	13.375"	10	360

ROUND INJECTION MOLDED POTS

Product Code	Description	Size			Case QTY	Bulk QTY
		VOL.	DIA.	HGT.		
MXC15Z	MXC15Z Round Pot	1.41 qt	6"	4.25"	405	15984
MCI18	MCI18 Round Pot	2.61 qt	7"	5.5"	216	7200
TO15D	TO15D Round Pot	1.36 qt	6"	4.5"	572	20520
TO21CH	TO21CH Round Pot	3.74 qt	8.25"	6.25"	85	8500
TO10BD	TO10BD Round Pot	3/4 PT	4"	3.5"	1260	52272
MCP12Z	MCP12Z Round Pot	1.52 PT	4.5"	4.25"	760	17600

SQUARE INJECTION MOLDED POTS

Product Code	Description	Size			Case QTY	Bulk QTY
		VOL.	WIDTH	HGT.		
VQF8.5x8.5x9.5	VQF Square Pot	1.00 pt	3.33"	3.75"	2352	34272
MQC 11x11x12	MQC Square Pot	1.05 QT	4.33"	4.75"	375	17820
MQA 13x13x13	MQA square Pot	1.66 qt	5"	5"	432	12672
MQD13x13x13	MQD Square Pot	1.51 qt	5"	5"	396	n/a

Please call for Bulk Pricing on any of the items listed above

BELDEN PLASTICS

Belden Plastics offers an array of quality injected molded grower pots and specialty planters for professional growers. Choose from hanging baskets, square and round grower pots & trays, deco & bulb pans and more. Popular items listed below, please contact us for a complete Belden Plastics product listing.



Hanging Baskets

Catalog #	Description	Color	Pack
55-110122	10" Classic HB w/ wire hanger	green	50
55-110121		white	
55-110021	10" Contemporary HB w/ wire hanger	green	50
55-110022		white	
55-112154	12" Classic HB Saucerless w/ flex hanger	white	25
55-112155		black	
55-112157		green	
55-114152	14" HB saucerless w/ flex hanger	green	25
55-114151		white	
55-114153		terra cotta	



Hanging Gardens

Catalog #	Description	Color	Pack
55-110232	10" Hanging Garden w/ wire hanger	green	25
55-110231		white	

Azalea Pots

Catalog #	Description	Pack
57-128021	8.5" Azalea Black	100
57-128022	8.5" Azalea Green	



Jumbo Pot

Catalog #	Description	Pack
57-199320	Jumbo Junior TL Black	375

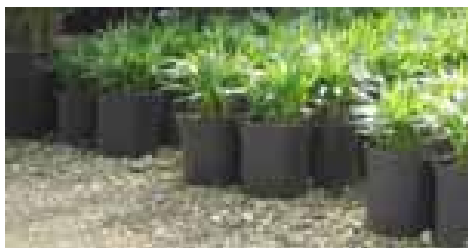


Belden Plastics

Quality Injection Molded Products Since 1972

HA²ILAND

PLASTIC PRODUCTS



Rolled Lip, Fluted Bottom, Extra Drain Holes, Bottom Drain Holes, Strong Container Lip

- Rolled Lip - Easier to carry and less damage to the plant during transportation.
- Fluted Bottom - Flutes make a stronger bottom for stacking
- Extra Drain Holes - More attractive look and reduces weed growth vs. side holes.
- Strong Container Lip - Easier to work with filling container in production, better for stacking plants for shipment. Allows for the use of potting dispensers at potting and for the use of automated equipment in moving plants around the nursery.

REGULAR STOCK ITEMS

Nursery Containers							
Catalog #	Item #	Description	Liter	Gallon	Dimensions	Bundle Count	Comparison
61-020325	HP075	HP-075 Nursery Container	2.41	.54 gal	6.5" x 6.6"	135	Elite 300
61-020425	HP100	HP-100 Nursery Container	3.78	1 gal	8" x 6.872"	150	Elite 400
61-020650	HP175	HP-175 Nursery Container	6.06 L	1.58 gal	9" x 8.5"	135	Elite 600
61-021225	HP200	HP-200 Nursery Container	7.57 L	2 gal	9.75" x 9.125"	120	Elite 1000, 1001
61-021250	HP300	HP-300 Nursery Container	11.35 L	3 gal	11" x 9.688"	90	Elite 1200
61-022500	HP500	HP-500 Nursery Squat Container	18.98 L	5 gal	14" x 10"	70	Elite 1600, 2000
61-022700	HP700	HP-700 Nursery Squat Container	29.6 L	7.82 gal	16" x 11"	60	Whiteridge 2800

NON-STOCK, SPECIAL ORDER, PALLET QUANTITIES ONLY!

HPP Blow Molded Containers							
Catalog #	Item #	Description	Liter	Gallon	Dimensions	Pallet QTY	Bundle QTY
NON-STOCK	HPP1000	1000 SERIES	40.39L	10.67 gal	16.5" x 14.75"	560	10
NON-STOCK	HPP1500	1500 SERIES	51.71L	13.66 gal	18.2" x 16"	640	10
NON-STOCK	HPP2000	2000 SERIES	75.86L	20.04 gal	20" x 17"	390	10
NON-STOCK	HPP2500	2500 SERIES	104.1L	27.5 gal	24" x 18"	300	10
HPP Blow Molded Squat Containers							
NON-STOCK	HPP1000S	1000 SQUAT SERIES	39.71 L	10.49 gal	17.8" x 12"	640	10
NON-STOCK	HPP1500S	1500 SQUAT SERIES	54.24 L	14.33 gal	20" x 13"	450	10
NON-STOCK	HPP2000S	2000 SQUAT SERIES	77.03 L	20.35 gal	24" x 13.25"	320	10



Plug Trays (11" x 21.5") -No End Trim

Catalog#	Item#	Description	Pk	Master
54-330120	720463C	PL-050-Plug Tray - NET (w/ vent holes)	100	24cs/skid
54-330170	720469C	PL-072-Plug Tray - NET (w/ vent holes)	100	24cs/skid
54-330280	720487C	PL-128-Plug Tray - NET (w/ vent holes)	100	32cs/skid
54-330300	720497C	PL-162-Plug Tray - NET	100	24cs/skid
54-330361	720528C	PL-288-1.25-Plug Tray - NET	50	48cs/skid
54-331360	720532C	PL-288-1.5-Plug Tray - NET	50	40cs/skid

Propagation Trays (10.5" x 21.0")

Catalog#	Item#	Description	Pk	Master
54-360080	725601C	PROP-38	100	48cs/skid

Sheet Pots (10.5" x 21.0")

Catalog#	Item#	Description	Pk	Master
54-371060	730654C	SOP-32-deep-sheet pots	100	40cs/skid

Star, Square & Hex Plug Trays (11" x 21.5")

Catalog#	Item#	Description	Pk	Master
54-336060	720556C	PL-032 Star Deep Plug Tray	50	24cs/skid
54-336100	720567C	PL-050 Star Plug Tray	50	48cs/skid
54-333490	7205440	PL-512 CE SQ Plug Tray	50	40cs/skid
54-336250	720585C	PL-105-Star-Plug Tray-NET (w/ vent holes)	100	32cs/skid

Pressfit Pots & Carry Trays

Catalog#	Item#	Description	Pk	Master
56-415200	705125C	SPT-325-20 PF Carry Tray	45	45cs/skid
56-450450	705150C	SPT-450-10 PF Carry Tray	75	44cs/skid
56-450550	705165C	SPT-450-15 PF Carry Tray	50	28cs/skid

Grower Pots

Catalog#	Item#	Description	Pk	Master
57-532210	700022	SVD 325 SQ VAC Deep BK	900	28cs/skid
57-545110	700051C	SVD 450 SQ VAC Deep BK	375	28cs/skid
57-545410	700087C	SVT 450 SQ VAC TRAD BK	375	28cs/skid



755805C



755810C



755815C



755818C



755823C



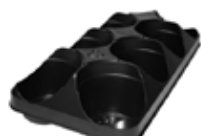
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755835C



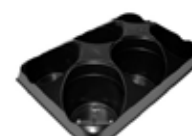
755838C



755842C



755850C



755855C



750100C



750425C



750550C



750700C

ROUND PLANT POTS and CARRY TRAYS

Item	Item#	Description	Case
4" Round Pot	750100C	RP-400-GV	750
4" Matching Tray	755805C	RPT-400-G-10	75
4" Matching Tray	755810C	RPT-400-G-15	50
4 1/4" Round Pots	750425C	RP-425-GV	750
4 1/4" Matching Tray	744815C	RPT-425-G-10	75
4 1/4" Matching Tray	744818C	RPT-425-G-12	50
4 1/4" Matching Tray	755823C	RPT-425-F-15	50
4 1/2" Round Pots	750450C	RP-450-GV	750
4 1/2" Matching Tray	755830C	RPT-450-G-10	75
4 1/2" Matching Tray	755835C	RPT-450-G-12	50
4 1/2" Matching Tray	755838C	RPT-450-G-15	50
5" Round Pot	750500C	RP-500-A V	500
5" Matching Tray	755842C	RPT-500-A-8	50
5 1/2" Round Pot	750550C	RP-550-A V	500
5 1/2" Matching Tray	755845C	RPT-550-A-6	50
6" Round Pot	750600C	RP-600-A V	400
6" Matching Tray	755850C	RPT-600-A-6	50
6 1/2" Round Pot	750650C	RP-650-A V	400
6 1/2" Matching Tray	755855C	RPT-650-A-6	50
PRNL	750700C	RP-PRNL	200
PRNL Trays	755859C	RPT-PRN L-6	50
PRNL Trays	755864C	RPT-PRN L-3	100



WaxTough Fiber Grow Hanging Pots (with Grommets)

Catalog #	Item #	Description	Volume	Dimensions	Case QTY
62-492499	FHB1000WAX	10" WaxTough Round Hanging Pot	1.59 gal	11" x 7.25"	24
62-502499	FHS1000WAX	10" WaxTough Square Hanging Pot	1.71 gal	9.75" x 7"	24
62-492500	FHB10XLWAX	10" WaxTough XL Hanging Pot	1.65 gal	11" x 7.75"	24
62-513299	FHF1200WAX	12" WaxTough Floral Hanging Garden	2.12 gal	12.75" x 7"	12
62-493299	FHB1200WAX	12" WaxTough Round Hanging Pot	2.12 gal	12.5" x 7"	12
62-503299	FHS1200WAX	12" WaxTough Square Hanging Pot	2.38 gal	12" x 7"	12
62-493632	FHB12XLWAX	12" WaxTough XL Hanging Pot	2.73 gal	13" x 8.75"	12
62-403637	FHO1300WAX	13" WaxTough Octagonal Watersaver	2.34 gal	14" x 7"	12
62-604900	FHR1600WAX	16" WaxTough XL Hanging Pot	6.62 gal	16" x 10"	6
62-495399	FHR1800WAX	18" WaxTough Fiber Grow Hanging Pot	7.30 gal	19" x 9.75"	6

Fiber Grow Hangers

Catalog #	Item #	Description		Size	Case QTY
62-553299	HZP4LFG	4-Strand Plastic Hanger (for grommet baskets)		20"	24
62-563299	FHZSL4W	4-Strand Wire Hanger (for grommet baskets)		18"	32

Fiber Grow Large Hanging Pots (NOT wax coated) & Assembly

Catalog #	Item #	Description		Size	Case QTY
62-604099	FHB1400	14" Round FG Hanging Pot	4.61 gal	15.5" x 9"	6
62-604899	FHB1600	16" Round FG Hanging Pot	6.62 gal	17" x 10"	6
62-614099	FHZSA14	14" Wire Cage & Clip-On Swivel Hang Assembly		14"	36
62-614899	FHZSA16	16" Wire Cage & Clip-On Swivel Hang Assembly		16"	36

Fiber Grow Nursery Containers

Catalog #	Item #	Description		Size	Case QTY
62-400710	FNP0606(TW)	5.75" Fiber Grow Nursery Pot	2.23 qt	5.75" x 6.25"	70
62-401412	FNP0707	7.5" Fiber Grow Nursery Pot	1.04 gal	7.4" x 7"	70
62-402626	FNP1011	10.5" Nursery Pot	2.90 gal	10.5" x 10.5"	25
62-403030	FNP1112	11.5" Fiber Grow Nursery Pot	3.79 gal	11.5" x 11.5"	20
62-402532	FNP1310	13.25" Fiber Grow Nursery Pot	4.82 gal	13.25" x 9.75"	20
62-403629	FNP1312	13" Fiber Grow Nursery Pot	5.51 gal	13" x 11.25"	20
62-404631	FNP1512	15.5" Fiber Grow Nursery Pot	6.85 gal	15" x 11.75"	15
62-404437	FNP1514	15" Fiber Grow Nursery Pot	7.69 gal	15" x 13.25"	15
62-405440	FNP1815	18.5" Fiber Grow Nursery Pot	12.2 gal	18.5" x 14"	10
62-451805	FRP08050	8.5" Fiber Round Mum Pan	1.05 gal	9" x 5.25"	50

PROFORMANCE PLANTS™**What a deal at only \$.08 each!!**

The “Proformance Plants” label was designed to allow each independent the option to create their own special brand. Based on your experience and knowledge, you choose the premium plants that will go into the “Proformance Plants” pot. Your customers will be able to easily identify “ONLY THE BEST” plants to purchase. Great “Proformance” equals Return Customers.



Four color options for pricing and/ or plant culture distinction. One case minimum per color. Fits beautifully into a 10 count tray. (UT11-0450/10STD)

Description	Volume	Pieces per Case
Purple Pot	1.31 pt	1,896
Green Pot	1.31 pt	1,896
Orange Pot	1.31 pt	1,896
Yellow Pot	1.31 pt	1,896
UT11-0450/10STD	21 7/8" x 8 7/8"	50

GARDEN@HOME**What a deal at only \$.08 each!!**

The Garden@Home label offers 4 ways to show your customer the best plant options for your region. Choose from Annual, Tomato, Vegetable, or Herb.



Four color options for pricing and/ or plant culture distinction. One case minimum per color. Fits beautifully into a 10 count tray. (UT11-0450/10STD)

Description	Volume	Pieces per Case
Garden@Home Annuals	1.31 pt	1,896
Garden@Home Tomato	1.31 pt	1,896
Garden@Home Vegetables	1.31 pt	1,896
Garden@Home Herb	1.31 pt	1,896
UT11-0450/10STD	21 7/8" x 8 7/8"	50



Jiffy Pots - Round & Square				
Catalog #	Old Item #	Item #	Description	Pack
59-011900	119	70000357	2" Round x 2" Deep pot with slits	3564
59-011220	122	70000494	2" Round x 2 1/4" Deep	2816
59-012700	127	70000502	2 3/4" Round x 3 1/2" Deep	1372
59-013000	130	70000503	3" Round x 3" Deep	1404
59-013200	132		3" Round x 4 1/2" Deep	1080
59-014400	144		4" Round x 3 3/4" Deep	1100
59-015000	150		5" Round x 4" Deep	600
59-021700	217	70000504	2" Square x 2" Deep	3500
59-022200	222	70000505	2 1/4" Square x 2 1/4" Deep	2560
59-023000	230	70000362	3" Square x 3" Deep	1260
59-024000	240	70000461	3 1/2" Square x 4" Deep pot with slits	800
59-034000	340	70000508	4 1/2" Round x 4" Deep	1056
Jiffy Poly-Paks & Jiffy-Strips				
Catalog #	Old Item #	Item #	Description	Pack
59-051200	512	70000428	1 1/4" x 2" deep (12 pots/strip)	7488
59-051600	516	70000509	1 3/4" x 2" deep (10 pots/strip)	5100
59-051700	517	70000510	1 3/4" x 2" deep (12 pots/strip)	4680
59-051900	519	70000511	1 1/2" x 3" deep (12 pots/strip)	5040
59-052200	522	70000513	2 1/4" x 2 1/4" deep (12 pots/strip)	2520
59-052300	523	70000514	2 1/2" x 6" deep (8 pots/strip)	1600
59-052500	525	70000552	2 1/2" x 2 1/4" deep (8 pots/strip)	2304
59-052700	527	70000481	2 1/2" x 3" deep (8 pots/strip)	2560
59-053000	530	70000365	3" x 3" deep (6 pots/strip)	1260
59-021800	218	70000486	2" x 2 deep (#217 Jiffy Pots) -- preloaded into a 10" x 20" handling sheet	2300 50/sheet
59-022000	220	70000468	2" x 3" deep -- preloaded into a 10" x 20" handling sheet	2000 50/sheet
59-052900	529	70000488	2 1/2" x 3" deep (#527 Jiffy Strip) -- preloaded into a 10" x 20" handling sheet	1344 32/sheet
Jiffy-7 Peat Pellets in Bulk (42mm)				
Catalog #	Old Item #	Item #	Description	Pack
59-070000	700	70000113	Jiffy-7 with no hole (1-11/16" x 1-11/16")	1000
59-070300	703	70000116	Jiffy-7 with pre-dibbled hole (1-11/16" x 1-11/16")	1000
59-072700	727	70000120	Jiffy-7 Deep with pre-dibbled hole (1-11/16" x 2-9/16")	500
59-073400	734	70000133	Jiffy-7 1" Pellets (25mm) 34 pellets preloaded in a 20" long double cavity strip (84 strips, 30/cs)	2856
59-047307	730-75	70000274	Jiffy-7 Pellets (30mm) 75 pellets preloaded in a 1020 size non-strippable cavity insert	2250
59-075300	753	70000140	Jiffy 703 Pellets (42mm) 50 pellets preloaded in a 1020 size strippable cavity insert	1750
Propagation Domes				
Catalog #	Old Item #	Item #	Description	Pack
59-022100	221	221 mini	Rugged vinyl Propagation Dome 11" x 22" MINI PACK	5
59-022100	221	78000599	Rugged vinyl Propagation Dome 11" x 22"	50
Propagation Trays Jiffy-7 Pellet Packs/Strips				
Catalog #	Old Item #	Item #	Description	
59-062500	625	78000830	Jiffy Tray - use with Jiffy-Pots (#522, 622 & 222)	
59-063000	630	78000153	Jiffy Tray - use with Jiffy-Pots (#530, 230)	

Moolah™ Basket

MOOLAH BASKETS come with a shaped coco moss liner and a hanger. Powder coated to prevent rust. Designed to sit flat on a grower's bench and in trucks for faster, more convenient planting and transporting. Perfect for combination baskets that equate to a premium retail price.



HEART THROB HANGING BASKET

Heart Throb basket are designed for years of outdoor use. Think gauge metal is coated to prevent rust and ships complete with think coco liner and sturdy chain hanger. Beautifully accented, economically priced. Moolah baskets offer plenty of soil volume.



Catalog #	Product Description	Color	Pk/case
52-710145	14" Heart Throb Hanging Basket	Black	24
52-710165	16" Heart Throb Hanging Basket	Black	24



Visit our website, stop in or call for an order!

LAZY DAISY WALL BASKETS

This simple yet functional design allows accent to any fence or wall surface. A flat bottom allows for easy greenhouse growing on the floor.

Available in White and Brown Coated Finishes

Catalog #	Product Description	Color	Pk/case
52-721144	14" Lazy Daisy Wall Basket	Brown	6
51-721184	18" Lazy Daisy Wall Basket	Brown	6



GOTHIC SQUARE WALL/FLOOR PLANTER

	Catalog #	Product Description	Pk/case
1	52-721150	14" Gothic Square Wall/Floor Basket	12
2	52-796075	10" Rd Lazy Daizy Chair Frame (pot sold seperately)	6
3	52-796000	14" Sq Gothic Planter footed w/cocoliner	12
4	52-796025	13" Sq Gothic HB w/hanger & cocoliner	12
5	52-796050	14" Rd Gothic HB w/hanger & cocoliner	12



Providing quality and uniquely distinctive products for home & garden

Moolah™ Moss

Our mossed planters are built on a heavy-duty, galvanized wire construction thickly mossed inside and out. Spun with monofilament reinforcement for less shedding and repeated use.

MOOLAH MOSS CONE HANGING BASKETS

Great look for hanging or as a patio planter set in our Euro Classic Plant Stand.

Catalog #	Description	Pack
52-503140	14" Cone Moss Basket w/hanger (17" Deep)	14
52-503160	16" Cone Moss Basket w/hanger (19" Deep)	10
52-503180	18" Cone Moss Basket w/hanger (21" Deep)	8



MOOLAH MOSS HANGING BASKETS



Economically priced in sizes 14"-26". Complete with water moisture reservoir and sturdy wire hanger.

Catalog #	Description	Pack
52-500140	14" x 7" Standard Moss Basket w/wire hanger	22
52-500160	16" x 7.5" Standard Moss Basket w/wire hanger	16
52-500180	18" x 9" Standard Moss Basket w/wire hanger	12
52-500240	24" x 9" Standard Moss Basket w/wire hanger	7
52-500260	26" x 9" Standard Moss Basket w/wire hanger	4

Moolah™ Metaliic

Our new Moolah Metallic Plastic Containers bring you the ULTIMATE VALUE in decorative pots. We offer most of our beautifully designed pots in three precious metal finishes - copper, silver, and gold.



Catalog #	Description	#
52 711110	#10 Apollo Copper Hanging Basket	24
52-711111	#10 Apollo Copper Hanging Basket (BULK)	3072
52-711109	#10 Apollo Gold Hanging Basket	24
52-711112	#10 Apollo Gold Hanging Basket (BULK)	3072
52-711113	#10 Apollo Silver Hanging Basket (BULK)	3072
52-711085	#12 Dulani Gold Planter 9 1/8" High	24
52-711086	#12 Dulani Gold Planter 9 1/8" High (BULK)	1680
52-711081	#12 Dulani Copper Planter 9 1/8" High	24
52-711082	#12 Dulani Copper Planter 9 1/8" High (BULK)	1680
52-711138	#12 Bashira Silver Planter 10" High	24
52-711139	#12 Bashira Silver Planter 10" High (BULK)	1650
52-711131	#12 Bashira Copper Planter 10" High	24
52-711032	#12 Bashira Copper Planter 10" High (BULK)	1650
52-711133	#12 Bashira Terra Cotta Planter 10" High	24
52-711034	#12 Bashira Terra Cotta Planter 10" High (BULK)	1650
52-711035	#12 Bashira Redwash Planter 10" High	24
52-711036	#12 Bashira Redwash Planter 10" High (BULK)	1650
52-711115	#15 Square Planter 12 7/8" High	18
52-711116	#15 Square Planter 12 7/8" High (BULK)	630
52-711075	#15 Johari Gold Planter 12" High	24
52-711076	#15 Johari Gold Planter 12" High (BULK)	690
52-711071	#15 Johari Copper Planter 12" High	24
52-711072	#15 Johari Copper Planter 12" High (BULK)	690

Moolah™ Metaliic



Catalog #	Description	#
52-711066	#16 Matuko Copper Planter 12 1/2" High	12
52-711067	#16 Matuko Copper Planter 12 1/2" High (BULK)	600
52-711068	#16 Matuko Silver Planter 12 1/2" High	12
52-711069	#16 Matuko Silver Planter 12 1/2" High (BULK)	600
52-711118	#18 Grape Terra Cotta Planter 13 7/8" High	12
52-711119	#18 Grape Terra Cotta Planter 13 7/8" High (BULK)	375
52-711117	#18 Grape Gold Planter 13 7/8" High	12
52-711120	#18 Grape Gold Planter 13 7/8" High (BULK)	375
52-711123	#18 Grape Copper Planter 13 7/8" High	12
52-711124	#18 Grape Copper Planter 13 7/8" High (BULK)	375
52-711121	#21 Grape Copper Planter 16" High	12
52-711122	#21 Grape Copper Planter 16" High (BULK)	284
52-710020	#10 Etana Gold Planter	24
52-710022	#10 Etana Copper Planter	24
52-710101	#10 Takata Gold Planter	48
52-710102	#10 Takata Gold Planter (BULK)	3200
52-710103	#10 Takata Copper Planter	48
52-710104	#10 Takata Copper Planter (BULK)	3200
52-710009	#10 Zuhri Gold Planter	24
52-710010	#10 Zuhri Gold Planter (BULK)	1680
52-710008	#10 Zuhri Copper Planter	24
52-710007	#10 Zuhri Copper Planter (BULK)	1680
52-711091	#14 Kandoro Copper Planter 14.5" High	24
52-711092	#14 Kandoro Copper Planter 14.5" High (BULK)	960
52-711093	#14 Kandoro Silver Planter 14.5" High	24
52-711094	#14 Kandoro Silver Planter 14.5" High (BULK)	960

NATURE-REAL™

DESIGNED TO GIVE GROWERS AN EDGE IN THE MARKETPLACE!

All baskets and cones come with thick poly lining and sturdy wire hangers for outdoor or indoor use.

BLACK RATTAN

All hanging baskets include a heavy-duty wire hanger.



Cone HB



Round HB



Wall Basket



Floor Planter

Catalog #	Description	Pack
51-401121	12" Black Rattan Round HB w/flat bottoms	24
51-401141	14" Black Rattan Round HB w/flat bottoms	24
51-401161	16" Black Rattan Round HB w/flat bottoms	24
51-408141	14" Black Rattan Round Cone HB w/ring & metal stand	20
51-406141	14" Black Rattan Square Cone HB w/ring & metal stand	20
51-425181	18" Black Rattan Wall Basket	18
51-440161	Sq. Black Rattan Floor Planter (16" L x 16" W x 9" height)	15
51-441161	Rd. Black Rattan Floor Planter (16" dia. x 10" height)	15

GOLDEN RATTAN

Catalog #	Description	Pk
51-42518	18" Golden Rattan Wall Basket	18



ULTIMATE II HANGING BASKET

Our NEW Ultimate II hanging basket features a water hyacinth and twig square structure with a wire hanger and stand and a ring on the bottom to add decorations or wind chimes!



Catalog #	Description	Pk
51-417097	9" Water Hyacinth and twig square cone w/wire hanger and stand	25
51-417099	16" Water Hyacinth and twig square cone w/wire hanger and stand	12

EURO CLASSIC PLANT STAND

Probably the most versatile and economical stand available. Fits most 12" to 14" Color Pots, Color Bowls, Cones, Baskets, etc.

Catalog #	Description	Color	Pk	Price
52-770212	21" Euro Classic Plant Stand	Black	6	\$73.30



All hanging baskets include a heavy-duty wire hanger.

GREEN MOSS

Catalog #	Description	Pk
51-408-123	12" Green Moss Round Cone Basket w/ring & metal stand	20
51-405-143	14" Green Moss Square Cone Basket w/ring & metal stand	20
51-412-163	16" Green Moss Hex Cone Basket w/ring & metal stand	15



Square Cone Basket



Hex Cone Basket



Round Cone Basket

NATURE-REAL

THE ULTIMATE GARDEN BASKET

NATURE-REAL[®]

The Ultimate Garden Basket is conveniently designed to offer a grand garden on a small scale. This unique square shaped natural rattan planter measures 20" across on each side and is a full 15" deep allowing for lots of soil volume (holds 3 cu. ft.) to accommodate larger plantings like tomatoes and peppers or rose trees and topiaries. Each side has 3 large planting holes for your favorite vining vegetables, herbs and flowers.

- **12 Large side planting holes**
- **Holds 3 cu. ft. soil volume**
- **Sturdy reinforced frame with Natural Rattan Shell and handles.**
- **Poly lined and includes a Magnimoist soil hydration mat.**

Catalog #	Description	Pk
51-446201	20" x 20" Black Rattan Garden Basket - Lg	6
51-446202	20" x 20" Banana Leaf Garden Basket - Lg	6



PLANTING TIPS INCLUDED



THE ULTIMATE PLANTER STAND

Catalog #	Description	Pack
51-460149	Ultimate Planter Stand, 24" high	2
51-461149	Large Ultimate Planter Stand	2

THE ULTIMATE PLANTER STAND

- Full depth soil volume for optimum plant production.
- Choice of growing as an upright planter or suspended for popular inverted growing.
- Designed for combination planting
- Reinforced frame & poly lined for years of use
- Beautiful natural rattan outer shell
- 18" Top Diameter 12 1/2" Depth

Catalog #	Description	Pack
51-447182	Ultimate Golden Panter - Sm 18" Dia x 12 1/2" Deep	10



20 per case.

DYNASTY STONE BOWL

CATALOG #	DESCRIPTION	COLOR
52-650050	Dynasty Stone Bowl	Silver
52-650052	13.75" wide x 5" deep	Copper



DYNASTY STONE URN

Removable drain plug
and base. 12" wide x
14.75" tall.

Copper
52-650006

6 in each case
\$63.35
per case

Silver
52-650004

The Dynasty Line

DYNASTY POT

The timeless look of marble
without the cost or weight. 13"
wide x 9.75" tall.



Mocha Marble
52-650020

11 in each case
\$119.15
per case



Gray Marble
52-650022



10 per case.

DYNASTY PLANTER BOWL

CATALOG #	DESCRIPTION	COLOR
52-650080	Dynasty Planter Bowl	Mocha Marble
52-650082	16" wide x 7.5" deep	Gray Marble

DYNASTY STONE SQUARE

Removable drain plug.
Stone look without the
weight. 11.75" wide x
11.34" tall.

9 in each case
\$68.75
per case

Silver
52-650000



Copper
52-650002

10 per case.



DYNASTY STONE BOWL

CATALOG #	DESCRIPTION	COLOR
52-650070	Dynasty Garden Bowl	Imperial Gray
52-650072	16" wide x 7.75" deep	Green Marble

We have 12 products that require a Double Take. These powerful eye catching products command attention from their striking design and realistic color presentation.

Made of fiber clay & plastic for superior durability with style.



Providing quality and uniquely distinctive
products for home & garden

Visit our website, stop in or call for an order!

PROFESSIONAL GROWING MIXES



PRO-LINE

Standard and Custom Formulations

All Pro-Line blends are pH adjusted, include a starter charge and a micro-nutrients package. Our mixes are ready for your nutrition program or can be custom blended with controlled release fertilizers.

PRO-LINE C/20

Our light weight mix of Canadian sphagnum peat and perlite is great general purpose mix recommended for a wide variety of potted plants and hanging baskets.

C/20 is an appropriate soil mix for: Flowering and foliage plants, hanging baskets, seeds and cuttings.

Average density 10-12 lbs/cubic foot



PRO-LINE C/B

A mix of Canadian sphagnum peat, processed pine bark fines, coarse perlite and medium vermiculite, C/B is geared toward growing flowering plants. The medium texture of the mix holds moisture well. A true, all-purpose mix.

C/B is an appropriate soil mix for: Flowering and foliage plants, hanging baskets and bedding plants.

Average density 14-16 lbs/cubic foot



PRO-LINE C/25

This mix of processed pine bark fines, Canadian sphagnum peat, coarse perlite and medium vermiculite is geared toward growing perennials. C/25 is a coarse texture mix that allows for good air space and helps promote proper drainage.

C/25 is an appropriate mix for: Flowering and foliage plants, hanging basket, roses and garden mums, nursery containers and interior planters.

Average density 16-20 lbs/cubic foot



**CALL WALDO & ASSOCIATE, INC. REGIONAL SALES REPRESENTATIVES FOR SPECIAL PRICING
FIND OUT MORE ABOUT CUSTOM FORMULATION AND PRODUCT INFORMATION.**

Catalog # indicates stock item - others are special order



PRO-MIX® BX offers a solution for growers seeking the benefits of vermiculite for improved nutrients availability and a perlite content providing limited but proper drainage capacities. Combine with high quality fibrous peat moss, this formulation is ideal for growers looking for a general purpose medium which creates well balance growing environment.

Ingredients:

- Canadian Sphagnum peat moss (75-85%)
- Perlite - horticultural grade
- Vermiculite - horticultural grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent

PREMIER PRO-MIX BX			
Catalog #	Description	Size	Pallet
49-020934	Pro-Mix BX w/Mycorise	3.8 cf	30/skid
49-020933	Pro-Mix BX w/Mycorise	2.8 cf	57/skid
49-020930	Pro-Mix BX w/Myco & Bio	3.8 cf	30/skid
49-020238	Pro-Mix BX w/Biofungicide *	3.8 cf	30/skid

SELECTION OF BIO-ADDITIVES:

Biofungicide™ + Mycorrhizae™

- Protects & enhances growth of plants
- Most advanced technologies in bio-additives
- Saves time & money

Mycorrhizae™

- Improves fertilizer uptake; reduces fertilizer costs
- Increases plant's resistance to stresses reduces maintenance costs
- Optimizes results without changing growing practices

Biofungicide™

- Prevents efficiently plants from root diseases (Fusarium, Pythium and Rhizoctonia)
- Simplifies operations, no need to re-apply unlike other biofungicides

* *Special order by the pallet - lead times vary.*



Formulated with an aged pine bark, PRO-MIX® BRK is nitrogen stabilized and therefore well suited for growers who require more frequent dry down periods and have to compose with a changing growing environment. PRO-MIX® BRK is a carefully design low water retention growing medium which will provide quality and consistency for great results.

Ingredients:

- Canadian Sphagnum peat moss (45-55%)
- Processed Pine bark
- Perlite - horticultural grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent

SELECTION OF BIO-ADDITIVES:

Biofungicide™ + Mycorrhizae™

- Protects & enhances growth of plants
- Most advanced technologies in bio-additives
- Saves time & money

Biofungicide™

- Prevents efficiently plants from root diseases (Fusarium, Pythium and Rhizoctonia)
- Simplifies operations, no need to re-apply unlike other biofungicides

PREMIER PRO-MIX BX			
Catalog #	Description	Size	Pallet
49-021943	Pro-Mix BRK w/Mycor & Bio	2.8 cf	48/skid
	Pro-Mix BRK w/Bio	2.8 cf	48/skid



PRO-MIX® HP, with its high perlite content, provides a growing environment which benefits growers looking for significant drainage capacity, increased air porosity and lower water retention. The added benefit of a fibrous peat moss and coarse perlite makes this formulation ideal for growers demanding a superior quality product adapted to their needs for watering flexibility and crop seasonality.

Ingredients:

- Canadian Sphagnum peat moss (65-75%)
- Perlite - horticultural grade
- Vermiculite - horticultural grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent

PREMIER PRO-MIX BX			
Catalog #	Description	Size	Pallet
49-021438	Pro-Mix BX w/Mycorise	3.8 cf	30/skid
	Pro-Mix BX w/Mycorise	2.8 cf	57/skid
	Pro-Mix BX w/Myco & Bio	3.8 cf	30/skid
	Pro-Mix BX w/Biofungicide	3.8 cf	30/skid

SELECTION OF BIO-ADDITIVES:

Biofungicide™ + Mycorrhizae™

- Protects & enhances growth of plants
- Most advanced technologies in bio-additives
- Saves time & money

Mycorrhizae™

- Improves fertilizer uptake; reduces fertilizer costs
- Increases plant's resistance to stresses reduces maintenance costs
- Optimizes results without changing growing practices

Biofungicide™

- Prevents efficiently plants from root diseases (Fusarium, Pythium and Rhizoctonia)
- Simplifies operations, no need to re-apply unlike other biofungicides



Balance and precision are essential in horticulture even more so at the beginning of a crop. PRO-MIX® PGX is formulated with vermiculite to provide added nutrients at the early development stages. This carefully developed formulation will optimize growth and create a growing environment that is adapted for plugs and germination purposes.

Ingredients:

- Canadian Sphagnum peat moss (75-85%)
- Vermiculite - horticultural grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent

SELECTION OF BIO-ADDITIVES:

Biofungicide™

- Prevents efficiently plants from root diseases (Fusarium, Pythium and Rhizoctonia)
- Simplifies operations, no need to re-apply unlike other biofungicides

PREMIER PRO-MIX BX			
Catalog #	Description	Size	Pallet
49-020133	Pro-Mix PGX	2.8 cf	57/skid

Catalog # indicates stock item - others are special order



Metro-Mix®

Professional Mixes

Our Metro-Mix lineup offers a broad range of applications ranging from small cell-packs to large containers.

Select Metro-Mix formulas include processed bark ash or SUN-CORI (coconut coir), distinctive ingredients that offer unique characteristics to a blend. All formulas are pH adjusted, contain a starter nutrient charge and our long-lasting wetting agent.

METRO-Mix 360

The most popular Metro-Mix formulation. Similar to Metro-Mix 350, but with additional aggregate for drainage. A great choice for a wide range of crop types and container style.

Ingredients:

- Canadian Sphagnum Peat Moss
- Vermiculite
- Bark** and Bark Ash
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone
- Long-lasting Wetting Agent

METRO-Mix 510

Excellent for a wide variety of crops grown in mid to large containers. Especially suited for stock plants and container plants.

Ingredients:

- Bark**
- Canadian Sphagnum Peat Moss
- Vermiculite
- Bark Ash
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and a Wetting Agent

METRO-Mix 820

Formerly SB 200 and Metro-Mix 280

Metro-Mix 820 is a medium textured, well-drained growing mix for hanging baskets and potted crops.

Ingredients:

- Canadian Sphagnum Peat Moss
- Bark**
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

METRO-Mix 830

A highly versatile mid weight bark mix for use in growing a wide range of greenhouse crops such as poinsettias, bedding plants, hanging baskets, geraniums and pot mums.

Ingredients:

- Canadian Sphagnum Peat Moss
- Bark**
- Coarse Perlite and Vermiculite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

Catalog # indicates stock item - others are special order

METRO-Mix 840

Medium texture, well-drained, enhanced air capacity general purpose mix. It is well suited for growing crops in containers ranging from cell packs to hanging baskets.

Ingredients:

- Canadian Sphagnum Peat Moss
- Bark**
- Coarse Perlite
- Starter Nutrient Change (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

METRO-Mix 900

Formerly Metro-Mix 700 and SB300

Suitable for stock plants, container plants, potted plants 4" and larger. This is the choice of outdoor landscape installations and large indoor specimen plants.

Ingredients:

- Bark**
- Canadian Sphagnum Peat Moss
- Perlite and Vermiculite
- Starter Nutrient Change (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

METRO-Mix 852

Consolidated w/Metro-Mix Bedding Plant I

A heavyweight bark mix for the perennial grower, Metro-Mix 852 contains 50-60% composed pine bark for superior drainage and container stability.

Ingredients:

- Bark**
- Canadian Sphagnum Peat Moss
- Perlite
- Starter Nutrient Change (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

METRO-Mix 960

This medium-textured, all-purpose mix is well suited for growing crops in containers from cell packs to hanging baskets.

Ingredients:

- Canadian Sphagnum Peat Moss
- Vermiculite
- Bark**
- Starter Nutrient Change (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent

SUNGRO SOILS

Catalog #	Description	Size	Pallet
49-043602	Metro Mix 360	2.8 cf	40
49-045101	Metro Mix 510	2.8 cf	40
49-045102	Metro Mix 820	2.8 cf	48
49-048302	Metro Mix 830	2.8 cf	48
49-040843	Metro Mix 840	2.8 cf	40-45
49-048522	Metro Mix 852	2.8 cf	42
49-045103	Metro Mix 900	2.8 cf	40
49-049600	Metro Mix 960	2.8 cf	40

ALL SUNGRO
MIXES NOW
CONTAIN
RESILIENCE



Catalog # indicates stock item - others are special order

Canadian Sphagnum Peat Moss

Our select line of Sunshine Canadian Sphagnum peat moss is 100% organic and OMRI listed. The high water holding capacity and excellent aeration makes Sunshine peat moss the choice of growers who mix their own or other professional uses.



GROWER GRADE WHITE

The most popular of our professional peat moss line, Grower Grade White has a fibrous consistency that improves aeration and increases drainage to promote plant root development. Used throughout the greenhouse trade for vegetable and flowering plant production, mushroom production. It is widely used from flat production to larger pot and hanging basket production.

Ingredients:

- Canadian Sphagnum Peat Moss

SOIL AMENDMENTS

Catalog #	Description	Size	Pallet
49-043264	Sunshine Grower White Peat Moss	3.8 cf	30/pal
49-091491	Long Fiber Sphagnum Moss	3.5 cf	54/skid

Perlite & Vermiculite

Sunshine Perlite and Vermiculite have a wide range of applications that will always be in demand. Clean and lightweight, these materials can be used from propagation to finished production. Sun gro's Sunshine brand Perlite and Vermiculite have long been known for quality and consistency and are packed in 4 cu ft bags or 60 cu ft Minibulk bags.



PERLITE

Used to improve the drainage and aeration of growing media. Sunshine Perlite is a porous, lightweight, expanded volcanic rock. Its high porosity makes it a good aggregate in potting and germination mixes.

HORTICULTURAL VERMICULITE

A naturally occurring mineral, vermiculite is highly absorbent, lightweight and an essential part of many soilless growing mixes. In addition to increasing mix water-holding capacity, It's high CEC helps retain nutrients.

SOIL AMENDMENTS

Catalog #	Description	Size	Pallet
49-060014	Perlite	4.0 cf	33/skid
49-070014	Vermiculite Coarse	4.0 cf	33/skid
49-070034	Vermiculite Medium	4.0 cf	33/skid

Catalog # indicates stock item - others are special order



ALL SUNGRO MIXES NOW
CONTAIN RESILIENCE

SUNSHINE



Professional Mixes

Sunshine products are produced under the industry's highest quality standards and designed to meet the unique needs of your crops while fitting into the flow of your operations. Sunshine products are offered in either compressed or loosefill packaging in a variety of sizes, from the easy-to-handle 3.8 cubic foot bale to the economy-sized Big Shots or Sun Tower.

SUNSHINE Mix #1/LC1

Mix #1 is, by far, our most versatile formulation expert growers choose for the production of a wide variety of crops

Ingredients:

- Canadian Sphagnum Peat Moss
- Bark**
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent

SUNSHINE Mix #4

Mix #4 is recommended where high air capacity and fast drainage are needed: during winter months, with water and salt sensitive crops, or where frequent leaching is required.

Ingredients:

- Canadian Sphagnum Peat Moss
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent

SUNSHINE Mix #3

Mix#3 is designed for germinating seeds and other propagation applications. It has a specially screened shorter fiber peat and a low fertilizer charge to provide initial feeding for seeding and plugs.

Ingredients:

- Fine Canadian Sphagnum Peat Moss
- Vermiculite
- Low Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent

SUNSHINE Mix #5

Mix #5 is designed to enhance root development in propagation of ornamental and vegetable transplants.

Ingredients:

- Fine Canadian Sphagnum Peat Moss
- Fine Perlite
- Low Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent

SUNGRO SOILS

Catalog #	Description	Size	Pallet
49-040233	Sunshine LC1	2.8 cf	54/skid
49-044834	Sunshine #1	3.8 cf	30/skid
49-042234	Sunshine #3 □	3.8 cf	30/skid
49-042434	Sunshine #4 □	3.8 cf	30/skid
49-042233	Sunshine LP5 Plug Mix	2.8 cf	54/skid

* Special order by the pallet - lead times vary.

Catalog # indicates stock item - others are special order

SOIL ADDITIVES & CONDITIONERS:

SOILMOIST

Benefits

- Reduces plant watering by 50%**
- Saves time and labor with less watering
- Maintains vigorous plants
- Minimizes transplant shock due to moisture loss
- Reduces soil compaction
- Cost effective - lasts 3 - 5 years.**
- (Soil Moist Plus): Water retention polymer and timed release fertilizer



Catalog #	Item #	SoilMoist™
50-420003	JCD-030SM	SoilMoist Granular Coarse 3 lb
50-420008	JCD-08BKSM	SoilMoist Granular Coarse 8 lb
50-420050	JCD50BKSM	SoilMoist Granular Coarse 50 lb
50-320008	JCD-08BKSM	SoilMoist Fine 8 lb *nonstock*
50-320t050	JCD-40BKSM	SoilMoist Fine 40 lb *nonstock*

MONTY'S LIQUID CARBON



THE KEY TO MAXIMIZING YOUR SOIL.


A soil conditioner designed to reduce soil compaction and improve overall soil health, it can be easily applied all year round, especially during pre-chemical application or burn down. Liquid Carbon enhances micronutrient uptake and breakdown of plant residue. Improve the health and vitality of your soil and maximize your yields with Monty's Liquid Carbon (MLC).

- Reduces soil compaction
- Improves overall soil health
- Easy application during burn down
- Enhances micronutrient uptake
- Enhances breakdown of plant residue
- Tank-mix flexibility for year-round use



Catalog #	Size	Pk	Each
46-015025	2.5 gal	2	\$64.00

SOAX

Picture	Catalog #	Item #	SOAX®
	50-710128	5900	Liquid, 1-Gallon. Jug
	50-710005	5905	Liquid, 5-Gallon Pail
	50-710050	5930	Liquid, 55-Gallon Drum
	50-720120	5936	Granular, 120-Pound Drum

Catalog # indicates stock item - others are special order

ALGAECIDES

PHYSAN 20™



PHYSAN 20™ is a broad range disinfectant, fungicide, virucide, and algaecide which effectively controls a wide variety of pathogens on hard surfaces and plants. Its applications include greenhouses, hard surfaces, lawn and turfgrass, seedlings and cut flowers, decorative fountains, pools and birdbaths, and plants.

Catalog #	Description	Size	Pack
44-202028	Physan 20	1 gal	4/cs
44-202030	Physan 20	30 gal	1/cs

GREEN-SHIELD

Prescription Treatment® brand Green-Shield® Disinfectant & Algicide — a biodegradable liquid concentrate for horticultural use that controls fungal, bacterial and viral plant pathogens and algae. It's the first step to a successful disease management program.

GREEN-SHIELD PROVIDES:

- An efficient first step in the control of fungal and bacterial diseases
- Control of algae on walkways, greenhouse coverings and evaporative cooling pads
- Broad-spectrum control of diseases and algae on floors, benches and walls
- Control of dormant fungal and bacterial structures that fungicides do not kill

Catalog #	Description	Size	Pack
44-250128	Green Shield	1 gal	4/cs



DISINFECTANT

MICROBLOC® GREENHOUSE DISINFECTANT

MicroBLOC® Greenhouse Disinfectant is an EPA-registered effective antimicrobial disinfectant designed for use by wholesale and retail florists, shippers and greenhouses. When used as directed, this product will disinfect hard, nonporous surfaces such as flower buckets, tool, floors and walls of coolers, design and packing benches and counter tops. This product is specifically formulated to effectively eliminate offensive odors caused by mold and mildew.

- **Disinfectant - Fungicide – Mildewstat - Non-acid disinfectant - Will not leave a grit or soap scum**
- **Economical concentrate improves flower longevity as a result of a cleaner environment**

Catalog #	Description	Size	Pack
44-202028	Floralife MicroBLOC	1 gal	4/cs



ECO-SAFE ALTERNATIVES

BiSafe Systems L.L.C.

BioSAFE WEED CONTROL

BioSafe Weed Control is an OMRI Listed herbicidal soap that is tough on weeds, but easy on the environment. Burn down a broad spectrum of plants to maintain weed-free patios, walkways, and driveways. Use BWC as a spot treatment in gardens and landscapes to eliminate back breaking hand weeding without harming the soil.

- Visible Results Within Hours
- Will Not Migrate Through Soil
- Biodegrades Quickly
- Leaves No Harmful Residue



Catalog # 39-101100

SaniDATE RTU FRUIT & VEGETABLE WASH

Stops food borne illnesses, spoilage and decay in fruits and vegetables.

- Kills E.coli and Salmonella on Contact
- Keeps Fruit and Vegetables Longer
- Chlorine and Ammonia Free Formula
- Leaves No Residue Behind
- No Rinsing
- No Harsh Chemicals



Catalog # 39-350100

OxiDATE RTS FOR FRUITS & VEGETABLES

Proven effective at stopping disease on contact while being eco-friendly. Leaves behind no chemical residue. Use on any kind of fruits and vegetables including tomatoes, cucumbers, peppers, and citrus trees. Suppresses plant diseases such as: Powdery Mildew, Downy Mildew, Wilts & Blights, Phytophthora.



Catalog # 39-350125

OxiDATE RTU FOR FRUIT & VEGETABLE GARDENS

Works immediately on contact, stopping disease as fast as you can spray. May be used as preventative and curative spray treatment on any type of fruit or vegetable.

- Hooks Up to Hose
- Works Immediately
- Meets National Organic Program Standards
- Alternative to Copper-Based Products



Catalog # 39-350120

ZEROTOL READY TO SPRAY

Provides immediate disease control on lawns, flowerbeds, shrubs, and ornamental trees. Safe for rhododendron, azaleas, roses, annual, and perennial flower beds. Kills plant disease such as: Anthracnose, Black Spot, Powdery Mildew, Rusts, Botrytis/Grey Mold, Leaf Spot. Controls lawn and turf diseases such as: Dollar Spot, Anthracnose, Summer Patch, Brown Patch, Fairy Ring



Catalog # 39-350110

GREENCLEAN®FX Moss, Mold & MILDEW TREATMENT

Eliminates moss, mold, and mildew. Controls the growth of slime-forming bacteria. Will not harm plants, shrubs, or trees. Environmentally responsible alternative to bleach, heavy metal copper, and phosphate based products. Can be used on concrete, pavement, outdoor furniture, decks, roofs, siding, marine equipment and more.



Catalog # 39-350105

PEROXIDES

ZerOTol 2.0

ZerOTol 2.0 is a broad-spectrum bactericide/fungicide that works on contact. ZerOTol 2.0 is formulated with our powerful and stable peroxycompound chemistry. Use ZerOTol 2.0 during propagation through finished crops to protect all greenhouse and nursery crops, including fruits and vegetables. ZerOTol 2.0 is a sustainable chemistry proven to reduce plant pathogens like botrytis, powdery mildew, xanthomonas etc.

• **Works on contact** • **Foliar and root pathogen control** • **0-hour REI**

ZerOTol 2.0 is stocked and available in 2.5 and 30 gallon containers



Catalog #	Description	Size	Pack
39-272500	Zerotol GH/N/T (HAZMAT)	2.5 gal	1/cs
39-273000	Zerotol GH/N/T (HAZMAT)	30 gal	5 sk
39-350110	Zerotol RTS Plant Disease Treatment	32 oz	6/cs

GREEN CLEAN PRO

GreenCleanPRO is a professional-strength granular algaecide formulated to eliminate growths and build up on walkways, benches, soil and other hard surfaces in the greenhouse. GreenCleanPRO starts working immediately and is effective on a wide variety of algae, slime molds, moss and other organisms. GreenCleanPRO is safe to use while plants are in production or to clean an empty greenhouse.

GreenCleanPRO can also be used to control algae, bacteria and fungi in irrigation ponds. Reducing pathogenic organisms and protecting horticulture water sources, GreenCleanPRO is proven to be safe for all crops and improves water quality.

- No restrictions
- Prevents slip-and-fall conditions
- Biodegrades completely • Inhibits re-growth of microorganisms

GreenCleanPRO is stocked and available in 50-lb. bags

Catalog #	Description	Size	Pack
44-203050	Green Clean Pro (HAZMAT)	50#	1/case



ROOTING COMPOUNDS

Dip & Grow

Develops new root growth on all types of cuttings from soft woods (bedding plants) to hardwoods (junipers).



Read label for specific mixing instructions.
Active Ingredient: IBA & NAA

Essential Plus

A natural rooting hormone that stimulates plant growth, rooting and makes plants strong and healthy. Humic acid is also included for improving and enhancing soil quality. Safe for all varieties of annuals, perennials, herbs and vegetables.



Hormodin

Hormodin1: 0.1% IBA. Used for soft wood cuttings such as geranium, ivy, mums, poinsettias, pothos, pachysandra and hydrangea.

Hormodin2: 0.2% IBA. Used for semi-hard and hard wood cuttings such as azalea, junipers, hemlock, rose, wisteria and yews.



Catalog #	Description	Size	Pack
44-110016	Dip & Grow	16 oz	12/cs
44-110128	Dip & Grow	1 gal	4/cs
44-020110	Essential Plus	1 qt	12/cs
44-020101	Essential Plus	1 gal	4/cs
44-020125	Essential Plus	2.5 gal	2/cs
44-120120	Hormodin 1	1 lb	12/cs
44-120125	Hormodin 2	1 lb	12/cs

SPRAY AIDS

CapSil

CapSil is advanced spray adjuvant technology that safely ensures outstanding leaf wetting and penetration. It also helps reduce stress from transport and sticking.

Foam Fighter

Add to spray water before adding chemical. Prevents foam from building up in the sprayer tank. Apply 1-3 squirts/tank.



Nu-Film 17

A sticking-extending agent that improves deposition of chemicals on plant surfaces. Guards against UV degradation of pesticides and its removal by rain or abrasion. Needs 1 hour to dry. Apply 6-8 oz/100 gal.

Spray Aide

This agent is designed to improve spray tank compatibility of pesticides, to lower the pH of spray tank water of liquid fertilizer solutions and as a spreader for use with pesticides.



Vapor Guard

An emulsible organic concentrate which after drying on leaf surfaces forms a flexible film which significantly reduces moisture loss through the plants foliage.



Catalog #	Description	Size	Pack
38-130100	Capsil	1 gal	4/cs
38-700032	Foam Fighter	1 qt	12/cs
38-161728	Nu-Film 17	1 gal	4/cs
38-160028	Spray Aide	1 gal	4/cs
38-160528	Vapor Guard	1 gal	4/cs

FUNGICIDE CHART

ALWAYS REFER TO
THE PRODUCT LABEL
FOR DIRECTIONS OF USE.

PLANT DISEASE	Fungicide Product	Actinovate SP	Actino-Iron	Adorn	Banrot	Captan 50W	CEASE	Chipco 26019 WP	Chlorothalonil DF	Thiophanate (Clearys, T-Methyl)	Decree	Heritage	Magellen	Medallion 50WP	Mefanoxam (Subdue Maxx)	MilStop	Orvego	Pageant	Protect DF	Rootshield	Segway	Stature SC	Strike 50WDG	Suffoil X	Truban	Zerotol
Alternaria	o					o	o	o			o		o		o		o									
Anthracnose							o		o		o				o		o									o
Bacterial Diseases							o																			o
Black Spot						o	o		o		o				o			o						o		
Blights							o	o	o	o	o				o		o						o		o	o
Botrytis	o					o	o	o		o	o		o		o		o									o
Cylindrocladium								o	o				o				o		o							
Damping Off			o		o																				o	
Diplodia									o		o															
Downy Mildew	o		o		o	o					o	o		o	o	o	o	o	o		o	o				o
Fire Blight												o														
Fusarium	o	o		o		o	o		o				o				o	o	o							o
Leaf Spot					o	o	o	o	o		o				o		o	o					o			o
Phomopsis									o		o				o		o									
Phytophthora	o	o	o	o		o						o		o		o	o			o	o				o	o
Powdery Mildew	o					o			o		o				o		o						o	o		o
Pythium	o	o	o	o		o						o		o			o	o	o	o					o	o
Rhizoctonia	o	o		o		o	o				o		o				o		o							o
Rust					o	o			o		o				o		o	o					o	o		
Scab					o	o			o		o				o		o									
Sclerotinia								o	o								o					o				
Thielaviopsis				o					o				o						o							o
Xanthomonas						o						o														o

FUNGICIDE

CHEMICAL KEY



HAZARDOUS: Must have special packaging and/or handling. Additional charges will apply.



ORGANIC MATERIALS REVIEW INSTITUTE:

Products can be used for organic production or processing.



RESTRICTED USE PESTICIDE: Must have a current copy of your pesticide applicators licence on file in order to process an order. Shipping limited to our truck in Ohio or Kentucky only.

ALWAYS REFER TO THE PRODUCT LABEL FOR DIRECTIONS OF USE.

Read all labels prior to use.
Always follow safety precautions to avoid injury.
Use all chemicals as recommended by the manufacturer.

ACTINOVATE AG/SP

Actinovate AG/SP is a biofungicide that effectively protects and controls many common foliar and soil-borne diseases found in outdoor crops. Actinovate AG/SP is based on the patented, beneficial bacteria, *Streptomyces lydicus* WYEC 108. This powerful microbe is 100% water-soluble and a great tool for disease resistance management. Actinovate AG/SP is also labeled as a soil drench application for root decay diseases such as Pythium, Phytophthora, Fusarium, Rhizoctonia, Powdery and Downy Mildew, Botrytis, Alternaria and others.



Catalog #	Size	Case Pack
45-100118	18 oz.	12

ADORN

Defeat Downy Mildew, Phytophthora, Pythium and Resistance, too.

Ornamental growers have a powerful tool for fighting downy mildew, Phytophthora and Pythium. With a novel mode of action, Adorn® Fungicide is an excellent addition to fungicide rotations and plays a key role in resistance management programs.

- Excellent control of downy mildew, Phytophthora and Pythium
- Novel mode of action
- Tank mix to use as a resistance management tool



Catalog #	Size	Case Pack
39-305075	1 qt.	12

BANROT 40WP

Banrot 40WP delivers dependable, long lasting control of damping-off and root and stem rot-soil pathogens on a variety of bedding, foliage and container plants. It has very low solubility which means Banrot stays where it is applied. This allows for long term effectiveness while minimizing leaching from the container.

Product Advantages

- Its wide range dismisses the need for separate fungicides
- Is fungicidal, not fungi-static
- Less soluble, reduces potential leaching problems
- Ideal for growers mixing their own growing media
- Systemic and contact activity on target pathogens, root, stem fungi
- Provides protection for up to 8 weeks



Catalog #	Size	Case Pack
39-250002	2 lbs.	6
39-250004	40 lbs.	1

CARMELOT*O

Features of Camelot O Fungicide/Bactericide are:

- Broad-spectrum fungal and bacterial disease control
- Multiple modes of action for resistance management
- Control of bacterial leaf spots and blights
- Approved for Organic Production by the National Organic Program (NOP)
- Use on greenhouse vegetable and herb crops



Catalog #	Size	Case Pack
39-101075	1gal.	4

CHIPCO 26019

Active Ingredient: Iprodione

REI: 1 Hour

Broad spectrum fungicide applied safely to a wide range of ornamental flowering and foliage plants in greenhouses, nurseries and landscapes on a seven to fourteen day interval.

Controls: Alternaria, Blights, Fusarium, Leaf spot, Rhizoctonia Stem and Root Rot, Ink Spot, more. www.ohp.com



Catalog #	Size	Case Pack
39-269002	2 lbs.	12

CHLOROTHALONIL DF

Active Ingredient: Chlorothalonil

REI: 12 Hours

It features a preventative disease protection with multi site activity which means absolutely no resistance with repeated use. This fungicide is used extensively to prevent and treat Brown Patch disease in tall rescue. It is an excellent tank mix partner with most other fungicides.



Catalog #	Size	Case Pack
39-004050	5 lbs.	4

CLEARYS 3336

Active Ingredient: Trifloxystrobin

REI: 12 Hours

For the prevention and control of turf diseases and the diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.



Catalog #	Size	Case Pack
39-305075	1 qt.	12
39-143625	2.5 gal.	2

COMPASS O

Active Ingredient: Trifloxystrobin

REI: 12 Hours

For control of certain foliar, stem and root diseases of ornamentals grown in interiorscapes, field nursery plantings, forest nurseries and greenhouses, lath/shade-houses, container and other enclosed structures.



Catalog #	Size	Case Pack
39-115010	1 lbs.	4

CUPROXAT

Active Ingredient: Tribasic copper sulfate

REI: 24 hours (greenhouse)

48 hours (nursery)

Apply: Spray

Premium copper fungicide with the smaller particle size that delivers better plant coverage for better protection against fungal diseases.

- Excellent crop safety and low use rates
- Broad label of greenhouse and nursery crops including vegetables and herbs
- Fast activity of copper hydroxide and the long-lasting activity of copper sulfate



Catalog #	Size	Case Pack
39-158000	2.5 gal	2

DECREE

Active Ingredient: Fenhexamid

REI: 12 Hours

For Botrytis control in propagation and retail. Decree is safe and easy to apply. Can be applied to flowers in bloom including poinsettias with no Phytotoxicity.



Catalog #	Size	Case Pack
39-305025	2.5 lbs.	4

EAGLE 20 EW

Active Ingredient: Myclobutanil

Provides excellent control of dollar spot and brown patch on turf, landscape ornamentals, and fruit trees and vines.



Catalog #	Size	Case Pack
39-105101	1 pt.	8

EMBLEM

Active Ingredient: Fludioxonil

REI: 12 hours

Application: foliar spray and soil drench

Versatile Fungicide for foliar, stem and root diseases.

- Low use rates and long-lasting protection against many foliar diseases and stem, crown and root rots
- Expanded label includes brassica vegetables (such as broccoli, cauliflower, and kale), herbs (such as basil, chive, cilantro, parsley and rosemary), and leafy vegetable (such as arugula, lettuce and swiss chard)

Catalog #	Size	Case Pack
39-131005	1 pt.	8

MAGELLAN

Active Ingredient: Phosphorous Acids

REI: 4 Hours

A systemic fungicide used for the prevention and control of diseases found in turf, bedding plants and ornamentals. Controls: Pythium, Phytophthora root rot, Downy Mildew, Xanthomonas (suppression). 2.5 gal., 2/pk. www.nufarm.com



Catalog #	Size	Case Pack
39-090325	2.5 gal.	2

MEDALLION 50W

Active Ingredient: Fludioxonil

REI: 12 Hours

The most effective fungicide used to control Rhizoctonia on ornamentals. It is tough on Botrytis and Alternaria. Medallion is an excellent tank mix partner with Subdue Maxx.

Controls: Alternaria, Botrytis, Fusarium, Rhizoctonia root rot and Thielaviopsis rot.



Catalog #	Size	Case Pack
39-195008	8 oz	4

ORVEGO

Active Ingredient: Ametoctradin & Dimethomorph

REI: 12 Hours

Apply to field grown and containerized ornamental and nursery plants for the control of downy mildew and Phytophthora root, crown, and stem diseases. Controls: Downy Mildew, Phytophthora fungi. www.betterplants.basf.us. 28 oz., 6/pk.



Catalog #	Size	Case Pack
39-070005	28 oz	6

PAGEANT

Active Ingredient: Boscalid & Pyraclostrobin

REI: 12 Hours

Pageant is a broad spectrum fungicide with two fast-acting active ingredients in one product for the control of many diseases in ornamentals. No Phytotoxicity observed in any trials.

Controls: Anthracnose, Blossom Blight, Crown and Basal Rot, Downy Mildew, more.



Catalog #	Size	Case Pack
39-070010	1 lbs.	4

PHOSTROL

Active Ingredient: Mono & dibasic sodium, potassium, ammonium phosphates

REI: 4 Hours

One of the very few phosphorous acids labeled as fungicide. Neutral pH requires no buffering allowing integration with other fungicides. Great tank compatibility. Controls: Downy Mildew, Fire Blight, Powdery Mildew. www.nufarm.com



Catalog #	Size	Case Pack
39-391080	2.5 gal.	2

PROTECT DF

Active Ingredient: Mancozeb

REI: 24 Hours

Very economical contact acting choice for indoor and outdoor disease applications.

Controls: Brown Patch, Copper Spot, Dollar Spot, Read Thread, Pink Snow Mold, Fusarium, more.



Catalog #	Size	Case Pack
39-140003	6 lbs.	6

SEGWAY

Active Ingredient: Cyazofamid

REI: 12 Hours

For use on turf areas on golf courses, sod farms, seed farms, and sports fields, residential and commercial lawns. It also controls Downy Mildew on ornamental plants in landscapes and those grown in commercial greenhouses and nurseries. Controls: Downy Mildew, Pythium, Phytophthora. www.betterplants.basf.us.



Catalog #	Size	Case Pack
39-305050	39.2 oz	12

STATURE SC

Active Ingredient: Dimethomorph

REI: 12 Hours

Used for the preventative control of certain foliar, stem and root diseases of herbaceous and woody ornamental crops. Stature should be rotated in a disease management program to prevent downy mildew. Controls: Downy Mildew, Phytophthora fungi. www.betterplants.basf.us.



Catalog #	Size	Case Pack
39-220350	25 oz	6

STRIKE 50 WDG

Active Ingredient: Triadefon

Control labeled diseases on flowers, foliage plants, shrubs and shade trees in commercial nurseries, garden centers and greenhouses.

Controls: Flower Blight, Ovulinia, Sclerotinia, Collectotrichum, Leaf Blight, Cephalosporium, Cercospora, Didymellina, Didymascella Thujina, Entomosporium, Exobasidium, Powdery Mildew, Erysiphe, Melampsora Farlowii, more.



Catalog #	Size	Case Pack
39-255015	8 oz	12

T-METHYL 4.5F

Active Ingredient: Thiophanate Methyl

REI: 24 Hours

For the prevention and control of diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, turf, deciduous and evergreen trees and shrubs.



Catalog #	Size	Case Pack
39-090125	2.5 gal.	2

T-METHYL 50WSB

Active Ingredient: Thiophanate Methyl

REI: 12 Hours

For the prevention and control of diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, turf and deciduous, evergreen trees and shrubs.



Catalog #	Size	Case Pack
39-090108	2 lbs.	6

TM 4.5 SELECT

Active Ingredient: Thiophanate Methyl

TM 4.5F Select can be used to prevent and control fungus on both cool and warm season grasses. With no known phytotoxicity issues, it is the perfect disease management tool to help keep your golf course in peak condition. TM 4.5F Select can also be used on a wide variety of edible crops. For optimal effect in areas that utilize irrigation, add a sticker/spreader adjuvant such as Fungicide Activator Select to the tank mix.



Catalog #	Size	Case Pack
39-143632	1 qt.	12

TM & CTN 90WDG

Active Ingredient:

Chlorothalonil and Thiophanate

REI: 12 Hours

It provides both curative and protection action when applied to annual/perennial flowers, bedding plants, foliage plants, ground covers, turf, deciduous, evergreen trees, shrubs.



Catalog #	Size	Case Pack
39-091005	5 lbs.	4

TRUBAN 30WP

Active Ingredient: Etridiazole

REI: 12 Hours

An advance formulated wettable powder that is intended for use in commercial greenhouses, nurseries and commercial turf as well. It effectively controls and prevents damping-off, stem and root rot diseases caused by Phytophthora and Pythium. It targets Pythium root and crown rot, Cottony Blight and Pythium Blight.



Catalog #	Size	Case Pack
39-253002	2 lbs.	6

TRUBAN 25EC

Active Ingredient: Etridiazole

REI: 12 Hours

Truban 25EC is labeled for use in commercial greenhouses and nurseries while Truban 30WP is labeled for use in commercial greenhouses, nurseries, as well as on commercial turf. Add Truban to your operation to form the foundation for an effective rotational soil-borne fungicide program.



Catalog #	Size	Case Pack
39-253232	1 qt.	4

ZEROtol

Active Ingredient: Hydrogen Peroxide

REI: 0 Hours

Kills disease pathogens on plants, in water and on hard surfaces found in greenhouses and nursery operations. ZeroTol can be used independently or may be tank mixed with other residual pesti-cides to help provide immediate knockdown control.



Catalog #	Size	Case Pack
39-272500	2.5 gal.	1

ZYBAN WSB

Active Ingredient:

Mancozeb & Thiophanate Methyl

REI: 24 Hours

A broad spectrum systemic contact fungicide for use in ornamental, nursery and turf landscape crops with activity on scab, rust, leafspot, as well as downy, powdery mildew.



Catalog #	Size	Case Pack
39-250032	3 lbs.	4

REGULATE SELECT

Active Ingredient: Metalaxyl

REI: 24 Hours

Regulate Select is a systemic fungicide that provides control of certain diseases in turf, ornamentals & greenhouses. With a unique water-based formulation, Regulate Select is low odor and mixes thoroughly and easily into most commonly used fungicide and fertilizer tank mixes.



Catalog #	Size	Case Pack
39-002001	1 qt.	4

SIMPLY SUSTAINABLE.
ALWAYS EFFECTIVE.

BioSafe
Systems LLC

BioSafe Systems' organic, sustainable and effective products are uniquely balanced alternatives to harsh and toxic chemicals. For over 15 years our growers have seen our products successfully enhance their plants' health, quality and overall appearance. From propagation to finished crops, our chemistry. Provides the horticulture industry with solutions that prevent outbreaks of plant pathogens that can cause losses in greenhouse crops.

AXXE BORAD SPECTRUM HERBICIDE

AXXE is an organic, non-selective herbicide that provides rapid burn down to a variety of grasses and weeds within hours of application. The Ammonium Nonanoate in AXXE melts the cell structure within the plant causing weeds to collapse and die. This powerful herbicide is formulated to biodegrade quickly, leaving no harmful residue behind.

AXXE is designed to be mixed easily with water and does not volatilize so it can be safely used for both indoor and outdoor applications.

- **Fast acting**
- **Can be tank mixed**
- **Does not migrate through soil**
- **Can replant immediately after use**

Catalog #	Size	Case Pack
39-101001	1 gal.	1
39-101005	2.5 gal.	1



OxiPhos BACTERICIDE/FUNGICIDE

OxiPhos is a combination of phosphorous acid and activated peroxide that provides a one-two punch against diseases. The activated peroxide helps the phosphorous acid active ingredient to have a broader effect on targeted organisms. OxiPhos can be used throughout the growing season to prevent and control diseases caused by the oomycete group of pathogens.

- **Can be tank mixed**
- **Powerful dual mode of action**
- **Controls and prevents pythium, phytophthora, and downy mildew**

Catalog #	Size	Case Pack
39-101050	2.5 gal.	1



ZEROtol 2.0 ALGAECIDE/BACTERICIDE/FUNGICIDE



ZeroTol 2.0 is a broad-spectrum bactericide/fungicide that works on contact. ZeroTol 2.0 is formulated with our powerful and stable peroxycompound chemistry. Use ZeroTol 2.0 during propagation through finished crops to protect all greenhouse and nursery crops, including fruits and vegetables. ZeroTol 2.0 is a sustainable chemistry proven to reduce plant pathogens like botrytis, powdery mildew, xanthomonas etc.

- **Works on contact**
- **Foliar and root pathogen control • 0-hour REI**

Catalog #	Size	Case Pack
39-272500	2.5 gal.	1



GREENCleanPRO ALGAECIDE/FUNGICIDE



GreenCleanPRO is a professional-strength granular algaecide formulated to eliminate growths and build up on walkways, benches, soil and other hard surfaces in the greenhouse. GreenCleanPRO starts working immediately and is effective on a wide variety of algae, slime molds, moss and other organisms. GreenCleanPRO is safe to use while plants are in production or to clean an empty greenhouse.

GreenCleanPRO can also be used to control algae, bacteria and fungi in irrigation ponds. Reducing pathogenic organisms and protecting horticulture water sources, GreenCleanPRO is proven to be safe for all crops and improves water quality.

- **No restrictions**
- **Prevents slip-and-fall conditions**
- **Biodegrades completely**
- **Inhibits re-growth of microorganisms**

Catalog #	Size	Case Pack
44-203050	50 lbs.	1



AZAguard INSECTICIDE/NEMATICIDE

AzaGuard is an organic insecticide with a stronger, more refined, 3% Azadirachtin formula. AzaGuard has multiple modes of action and prevents molting between larval, pupal and nymphal stages, reducing insect infestations. Controlling more than 300 different insect species, AzaGuard can safely be used inside and outside of the greenhouse or nursery.

- **Anti-feedant, insect growth regulator, ovi-position deterrent**
- **Target all life stages by tank mixing • Immediately effective on insect larvae**

Catalog #	Size	Case Pack
42-048032	32 oz	1





BioWorks®

How You Grow Matters™

For more than 20 years, BioWorks has been a leader in providing environmentally responsible, safe, and effective solutions to the growing needs of the horticulture and specialty agriculture industries. BioWorks' pesticide products are EPA Registered (unless exempt), and most are OMRI Listed for organic growing.

ROOTSHIELD® PLUS+ GRANULES ROOT DISEASE CONTROL

Biological Fungicide – Granules

OMRI Listed  OMRI

- Next generation RootShield that now prevents soilborne Phytophthora, and improved control of hot season Pythium (*P. aphanidermatum*)
- Also controls Fusarium, Pythium, Rhizoctonia, Thielaviopsis and Cylindrocladium
- One application provides up to 12 weeks of protection
- Costs less than 2¢ per 6-inch pot
- Promotes a healthier root system, increasing root mass potential
- For media incorporation – nursery, greenhouse and vegetables
- 0-hour REI / 0-day pre-harvest interval (PHI)

Product	Size	Case Pack
RootShield Plus	3 lbs.	1
	1 lbs.	1



ROOTSHIELD® WP ROOT DISEASE CONTROL

Biological Fungicide – Wettable Powder

OMRI Listed  OMRI

- Drench for use on nursery, greenhouse and vegetables
- Easier mixing – water soluble carrier
- Grows on roots “shielding” them against root damaging fungi
- Releases enzymes that dissolve the cell wall of many fungal pathogens
- Promotes a healthier root system increasing root mass potential
- One application provides up to 12 weeks of protection
- 0-hour (re-entry interval) REI

Product	Size	Case Pack
RootShield WP	3 lbs.	1
	1 lbs.	1

MILSTOP® FOLIAR DISEASE CONTROL

Water Soluble Broad Spectrum Foliar Fungicide

OMRI Listed  OMRI

- Cures powdery mildews / Prevents other foliar diseases
- For use on interiorscape, greenhouse, nursery, woody, herb and field crops
- Potassium bicarbonate-based with added surfactants for performance
- University tested and proven effective
- Fully dissolves in water; no residues, dries quick and clean
- No known resistance – excellent disease management tool
- 1-hour REI / approved by FDA as G.R.A.S. (Generally Regarded As Safe)

Product	Size	Case Pack
MilStop	1 qt.	1



Products on this page ship FOB manufacture ensure longest shelf life



BOTANIGARD® ES INSECT CONTROL

Mycoinsecticide – Liquid Emulsifiable Suspension

- Controls adult and larval stages of whitefly, thrips, aphids, and more
- Use in greenhouse, nursery, vegetables, landscape and interiorscape
- Highest spore concentration in a Beauveria-containing insecticide
- Unique mode of action – spores infect directly through the insect's cuticle
- Compatible with many beneficial insects
- 4-hour REI / 0-day pre-harvest interval

Product	Size	Case Pack
BotaniGard	1 qt.	1
	1 gal.	1

SUFFOIL-X® INSECT CONTROL

Spray Oil Emulsion Insecticide, Miticide, Fungicide
OMRI Listed

- Suffocates and kills eggs, larvae, nymphs and adult soft bodied insects and mites
- Controls fungi including powdery mildew
- Unique formulation stays in suspension better than other oils
- Smaller oil particles provide uniform coverage with less chance of phytotoxicity
- Use on vegetables, nursery, landscape, ornamental and greenhouse crops
- 4-hour REI

Product	Size	Case Pack
SuffOil-X(42-320025)	2.5 gal.	2



MOLT-X® INSECT CONTROL

Botanical Insecticide / Nematicide
OMRI Listed

- Use on ornamental greenhouse, shadehouse, interiorscape, nursery and outdoor food crops, shrubs, trees, ornamentals, and turfgrass
- Protects against both foliar and soil-borne pests
- Effective antifeedant – insects will virtually stop feeding before they die
- Leaves no residue on plant foliage and flowers
- Compatible with most commonly used insecticides, fungicides and fertilizers
- 4-hour REI; 0-day preharvest interval
- No phytotoxicity issues on most plants
- Generally safe on beneficial insects

Product	Size	Case Pack
Molt-X(42-300005)	1 qt.	6



Products on this page ship FOB manufacture ensure longest shelf life

INSECTICIDE CHART

ALWAYS REFER TO
THE PRODUCT LABEL
FOR DIRECTIONS OF USE.

GROWER
CHEMICALS

INSECTICIDE

PLANT DISEASE	INSECTICIDE PRODUCT																											
	Abamectin	Acephate	Adept	Attain TR	AzaGuard	Azatin XL	BotaniGard 22WP	BotaniGard ES	Chlorpyrifos	Conserve SC	Deadline MP	Decathlon 20WP	Dimilin 25W	Dipel Pro	Discus	Distance IGR	Dura Guard	Endeavor	Enstar AQ	Flagship 25WG	Flagship G	Floramite SC	Hachi Hachi	Mallet 2F T&O	Mallet 75WSP	Mantra 1G	Mavrik	M-Pede
Ants	o	o						o						o		o											o	
Aphids	o	o		o	o	o	o	o			o			o	o	o	o	o	o	o		o	o	o	o	o	o	o
Armyworms		o	o	o	o	o			o		o	o	o	o												o		
Bagworms		o		o		o			o	o		o	o	o	o													
Beetles		o			o	o	o	o			o			o		o				o	o		o	o	o	o		
Borers								o															o					
Cankerworms		o				o					o	o	o	o														
Caterpillars		o		o		o			o		o	o	o	o		o										o		
Chafer						o										o				o			o	o	o			
Fungus Gnats			o	o	o	o					o			o	o	o		o	o						o			
Grasshoppers		o									o			o														
Lacebug											o			o					o				o	o	o			
Leafhoppers		o			o	o	o				o			o		o			o			o	o	o	o	o	o	
Leafminers	o		o		o	o			o			o		o	o	o							o	o	o			
Leafrollers		o		o	o	o		o	o		o		o															
Loopers					o				o			o	o															
Mealybugs		o		o		o	o	o			o			o	o	o		o	o	o			o	o	o	o	o	
Mites	o			o				o	o		o			o		o					o					o	o	
Plant Bug				o			o	o	o		o			o		o			o								o	
Sawflies		o			o	o			o		o	o		o					o				o	o				
Scale		o		o				o			o			o	o	o		o	o			o	o		o			
Shore Flies			o												o	o												
Slugs/Snails										o																		
Spittle Bugs											o			o														
Thrips	o	o		o	o	o	o		o		o			o		o		o				o	o		o	o	o	
Webworms		o			o			o	o		o	o	o	o														
Whiteflies	o	o	o	o	o	o	o				o	o		o	o		o	o	o	o		o	o	o	o	o	o	

INSECTICIDE CHART

ALWAYS REFER TO
THE PRODUCT LABEL
FOR DIRECTIONS OF USE.

GROWER
CHEMICALS

INSECTICIDE

Plant Disease	Fungicide Product	Fungicide Products																			
		Menace GC7.9%	Mesurrol 75WP	Molt-X	Orthene TR	Overature 35WP	Pedestal	Preclude TR	Pure Spray Green	Pylon	Pyreth-It	Pyrethrum TR	Safari 20SG	Sanmite 75WP	Suffoil-X	Tame 2.4 EC	TR Tame Orthene	Tetrasan	Tristar 30 SG	Ultra Pure Oil	Upstar SC
Ants	o									o	o									o	o
Aphids	o	o	o	o			o	o		o	o	o		o	o	o		o	o	o	o
Armyworms					o	o				o					o					o	
Bagworms																				o	
Beetles			o					o		o	o	o			o			o	o	o	o
Borers			o									o								o	
Cankerworms				o												o					
Caterpillars			o	o	o		o		o	o						o		o		o	o
Chafer											o										o
Fungus Gnats				o				o	o		o	o		o		o		o	o	o	o
Grasshoppers	o																			o	
Lacebug	o			o				o				o			o	o			o	o	
Leafhoppers	o		o							o	o	o		o	o			o	o	o	o
Leafminers			o	o		o	o	o				o		o	o	o		o	o	o	
Leafrollers	o			o				o		o				o		o			o	o	
Loopers				o	o				o	o						o					
Mealybugs	o		o	o			o	o			o	o			o	o		o	o	o	o
Mites		o		o			o	o	o		o		o	o	o	o	o		o	o	o
Plant Bug	o							o						o	o			o	o	o	o
Sawflies			o					o						o				o	o		
Scale			o	o			o	o			o	o		o	o	o		o	o	o	o
Shore Flies																					
Slugs/Snails		o									o										
Spittle Bugs			o																		
Thrips	o	o	o	o	o	o	o	o	o	o	o	o		o	o	o		o	o	o	
Webworms				o	o			o		o						o			o	o	
Whiteflies	o		o	o		o	o	o		o	o	o	o	o	o	o		o	o	o	o

INSECTICIDE

Waldo & Associates, Inc and Premium Horticultural Supply Co. are licensed to sell Restricted Use Pesticides (RUP) within the state of Ohio only to customers with a valid RUP specified Ohio and Kentucky Applicators license. RUP cannot be shipped via UPS.

CHEMICAL KEY



HAZARDOUS: Must have special packaging and/or handling. Additional charges will apply.



ORGANIC MATERIALS REVIEW INSTITUTE: Products can be used for organic production or processing.



RESTRICTED USE PESTICIDE: Must have a current copy of your pesticide applicators licence on file in order to process an order. Shipping limited to our truck Ohio and Kentucky only.

ALWAYS REFER TO THE PRODUCT LABEL FOR DIRECTIONS OF USE.

Read all labels prior to use.
Always follow safety precautions to avoid injury.
Use all chemicals as recommended by the manufacturer.

ABAMECTIN 0.15EC MINX

Active Ingredient: Abamectin

REI: 24 Hours

For use on shade house, greenhouse, field grown, ornamentals, foliage plants and woody ornamentals. Note: Phytotoxicity has been noted on ferns. Do not use on conifers.

Controls: Spider Mites, Leaf Miners.
Compare to Avid.



Catalog #	Size	Case Pack
42-001402 (Abamectin 0.15 EC)	1 gal.	4
42-001410 (Minx)	1 qt.	4

ACEPHATE 97UP

Active Ingredient: Acephate

REI: 24 Hours

Economical Turf/Tree/Ornamental insecticide that attacks pests two ways: on contact, through systemic activity that lasts up to 21 days.

Controls: Aphids, Thrips, Whiteflies, Loopers, Armyworms.



Catalog #	Size	Case Pack	Each Price
42-259016	1 lbs.	12	\$16.30

ADEPT

Active Ingredient: Diflubenzuraon

REI: 12 Hours

For use on soil inhabiting and foliar feeding insects in ornamental plants in greenhouses, shade houses and interiorscapes.

Controls: Aphids, Armyworms, Fungus gnats, Leafminers, Spider Mites, Shoreflies Thrips, Whiteflies.



Catalog #	Size	Case Pack
42-152-516	1 lbs.	12

AZATIN XL

Active Ingredient: Azadirachtin

REI: 4 Hours

For indoor and outdoor use on vegetable crops and ornamentals.

Controls: Aphids, Armyworms, Black Vine Weevil, Beetles, Canker-worm, Caterpillars, Loopers, Moths, Chafers, Cutworms, Flies, Leaf Hoppers, Leafminers, Thrips and Whiteflies.



Catalog #	Size	Case Pack
42-255232	1 qt.	6

CHLORPYRIFOS PRO 4

Active Ingredient: Chlorpyrifos 44.7%

REI: 24 Hours

Used to treat invasive insects on evergreens, vines, flowers, shrubs, non-bearing fruit trees, and nut trees found in nurseries, around industrial buildings and road medians.

Controls: Aphids, ants, armyworms, bagworms, borers, cockroaches, grasshoppers, katydids, leafhoppers, mites, tent caterpillars and more.



Catalog #	Size	Case Pack
42-001625	2.5 gal.	2

CONSERVE SC

Active Ingredient: Spinosad

REI: 4 Hours

Use on turf and ornamental for insect control derived from naturally occurring organism. It is a highly active insecticide at very low use rates. An industry top choice for control of thrips and is also recommended for control of lepidopterous larvae.

Controls: Bagworms, armyworms, gypsy moth larvae, sawflies, sod webworms, spider mites, thrips, fruit flies, borers and more.



Catalog #	Size	Case Pack
42-191032	1 qt.	4

DEADLINE MP

Active Ingredient: Metaldehyde

REI: 12 Hours

It is used on field and seed crops and vegetables. For best results, apply in the evening. Especially beneficial if applied following rain or watering. Apply every 3-4 weeks during growing season. Note: Do not apply directly to edible portion of plant

Controls: Snails, Slugs.



Catalog #	Size	Case Pack
42-259350	50 lbs.	1

DECATHLON 20WP

Active Ingredient: Cyfluthrin

REI: 12 Hours

For the control of a wide range of crawling and flying insect pest on greenhouse, ornamental and nursery stock.

Controls: Aphids, armyworms, bagworms, beetles, caterpillar, cutworm, fungus gnats, gypsy moths, lace bugs, leaf hoppers, mealy bugs, mites, scales, thrips, webworm, whiteflies.



Catalog #	Size	Case Pack
42-105020	8 oz.	12

DIMILIN 25W

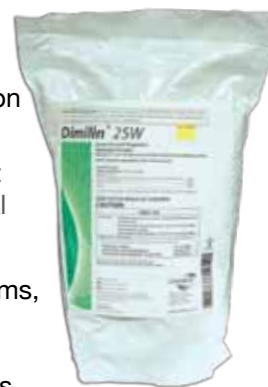


Active Ingredient: Diflubenzuron

REI: 12 Hours

Controls a variety of insect pest found in and around ornamental plants including gypsy moths.

Controls: Armyworms, bagworms, budworms, cankerworms, gypsy moths, hemlock loopers, Leafminers, sawflies, webworms



Catalog #	Size	Case Pack
42-102505	5 lbs.	8

DIPEL PRO DF

Active Ingredient: Bacillus thurgiensis kurstaki

REI: 4 Hours

Biological insecticide listed for bedding plants, ornamentals, turf, herbs, spices and mints. There are no restrictions on applying up to time of harvest. After ingesting a lethal dose, larvae stop feeding within the hour and die within several hours.

Controls: Caterpillars, loopers, worms, twig borers and gypsy moths



Catalog #	Size	Case Pack
42-256016	1 lbs.	30

DISCUS

Active Ingredient: Cyfluthrin & Imidacloprid

REI: 12 Hours

For foliar and systemic insect control on ornamentals, non-bearing fruit and nut trees, nursery containers.

Controls: Adelgids, ants, aphids, armyworms, caterpillars, bagworms, boxelder bugs, Japanese beetles, canker-worms, cutworms, fungus gnats, grass-hoppers, gypsy moth larvae, lace bugs, leafhoppers, leafminers, mealybugs, pillbugs, plant bugs, psyllids, scale, thrips, webworms and whiteflies.



Catalog #	Size	Case Pack
42-102310	1 gal.	4

DISTANCE IGR

Active Ingredient: Pyriproxyfen

REI: 4 Hours

Effective greenhouse and nursery IGR for whitefly, fungus gnat, shore fly, and scales. Do not apply to poinsettia after bract formation

Controls: Aphids, fungus gnats, white- flies, mealybugs, shoreflies, leafminers.



Catalog #	Size	Case Pack
42-192032	1 qt.	4

FLAGSHIP G

Active Ingredient: Thiamethoxam

REI: 12 Hours

Fast acting granular formula for effective control of a broad spectrum of foliar and soil pests

Controls: Aphids, mealybugs, whiteflies, Japanese beetle.



Catalog #	Size	Case Pack
42-101813	25 lbs.	1

ENSTAR AQ

Active Ingredient: S-Kinoprene

REI: 4 Hours

Insect growth regulator for use on ornamentals in greenhouses and Interiorscapes. Breaks the life cycle of the target insects resulting in interrupted reproduction. Best results after 2-3 applications on a 7-14 day interval.

Controls: Whiteflies, thrips, aphids, scales, mealybugs, leafminers, fungus gnats.



Catalog #	Size	Case Pack
42-170-001	1 qt.	6

ENDEAVOR

Active Ingredient: Pyriproxyfen

REI: 12 Hours

For use on landscape, greenhouse, and nursery ornamentals, Christ-mas trees, ground covers. Has residual activity. Targeted pests stop feeding within hours of app-lication. Will not harm beneficial insects.

Controls: Aphids, Whiteflies.



Catalog #	Size	Case Pack
42-300015	15 oz.	8

DURA GUARD ME



HAZ



RUP



NO UPS

Active Ingredient: Chlorpyrifos

REI: 24 Hours

For use on bedding plants, cut flowers, flowering hanging baskets, foliage, potted flowering plants, trees, shrubs.

Controls: ants, aphids, caterpillars, fungus gnats, scale, spider mites, thrip and more.



Catalog #	Size	Case Pack
42-101328	1 gal.	4

FLORAMITE SC

Controls a variety of mite pests on ornamentals, perennials and woody plants. Provides quick contact knock down and long residual control. Floramite is relatively inactive against beneficials, therefore is compatible with IPM.

Controls: Two-spotted spider mites, pacific mite, European red mite, clover mite, strawberry mite, citrus red mite, southern red mite and more.



Catalog #	Size	Case Pack
42-150100	1 qt.	8

HACHI HACHI

Active Ingredient: Tolfenpyrad
REI: 12 Hours

For use on a wide variety of indoor greenhouse ornamental plants. This product is a contact insecticide used for the control of various insects. It should be used in a program with other products for season long protection.

Controls: Aphids, leafhoppers, scale, thrips, whiteflies.



Catalog #	Size	Case Pack
42-102205	1/2 gal.	4

KONTOS

Active Ingredient: Spirotetramat
REI: 24 Hours

A systemic insecticide and miticide that can be used as a drench or foliar spray for broad spectrum control of chewing and sucking insects.

Controls: Aphids, leafhoppers, mealy-bugs, psyllids, spider mites, whiteflies and most sucking insects, mite pests.



Catalog #	Size	Case Pack
42-107-085	250 ml	6

MALLET .5G

Active Ingredient: Imidacloprid
REI: N/A

For use on turf for quick knockdown and long lasting residual control of pests especially grubs.

Controls: grubs, billbugs, European crane fly, annual bluegrass weevil, Japanese beetle, mole crickets, cut-worms (suppression), European chafer, Northern masked chafer, Green June Beetle and black turfgrass ateniuss.



Catalog #	Size	Case Pack
42-090130	30lbs.	40

MALLET 75 WSP

Active Ingredient: Imidacloprid
REI: 12 Hours

For systemic and foliar insect control in turf grass, landscape ornamentals, on fruit and nut trees, on ornamental and vegetable plants in greenhouses, nurseries and interior landscapes.

Controls: Aphids, adelgids, lacebugs, Japanese beetle, leafhoppers, leaf-miners, mealybugs, sawfly, white-flies, thrips (suppression of), mole crickets, white grubs larvae and more.



Catalog #	Size	Case Pack
42-075164	6.4 oz.	4

MALLET 2F T&O

Active Ingredient: Imidacloprid
REI: 12 Hours

For systemic and foliar insect control in turf grass, landscape ornamentals, on fruit and nut trees, on ornamental and vegetable plants in greenhouses, nurseries and interior landscapes.

Controls: Aphids, adelgids, lace-bugs, Japanese beetle, leaf-hoppers, leafminers, mealybugs, sawfly, white flies, thrips (suppression of), mole crickets, white grubs larvae, more.



Catalog #	Size	Case Pack
42-091101	1 gal.	4

MANTRA 1G

Active Ingredient: Imidacloprid
REI: 12 Hours

For systemic and foliar insect control in turf grass, landscape ornamentals, on fruit and nut trees, on ornamental and vegetable plants in greenhouses, nurseries and interior landscapes.

Controls: Aphids, adelgids, Japanese beetle, lacebugs, leafhoppers, leaf-miners, mealybugs, sawfly, whiteflies, thrips (suppression of), mole crickets, white grubs larvae and more.



Catalog #	Size	Case Pack
42-120105	5 lbs.	4
42-120150	50 lbs.	1

M-PEDE

Active Ingredient: Potassium salt of fatty acids

REI: 12 Hours

For use on edible and ornamental crops grown outdoors, in greenhouses and interiorscapes. Can be used up to the day harvested on listed vegetables, fruits, herbs and spices. Provides control of powdery mildew.

Controls: Aphids, caterpillars, earwigs, lacebugs, leafhoppers, leafminers, mealy-bugs, mole cricket, psyllids, sawfly larvae, scale, spider mites, thrips, and more.



Catalog #	Size	Case Pack
42-259925	2.5 gal.	2

MAVRIK AQUAFLOW

Active Ingredient: Potassium salt of fatty acids

REI: 12 Hours

Use to control insects and mites on indoor and outdoor ornamentals including turf, trees, shrubs and cuttings.

Controls: Aphids, beetles, caterpillars, mealybugs, mites, psyllids, thrips, whiteflies and two-spotted spider mite.



Catalog #	Size	Case Pack
42-259032	1 qt.	12

OVATION SC

Active Ingredient: Clofentezine

REI: 12 Hours

A suspension concentrate that's very effective for mite management on commercial ornamental plants such as conifers and non-bearing trees and vines, carnations, hydrangeas, geraniums, potentillas, and more.

Controls: Two-spotted spider mite, European red mite, Pacific spider mite, Yellow spider mite, McDaniel spider mite



Catalog #	Size	Case Pack
42-160800	1 pt.	4

MENACE 7.9% FLOWABLE



HAZ



RUP



NO UPS

Active Ingredient: Bifethrin

REI: 12 Hours

Control insect and mite pests in green- houses and nurseries, golf courses, ornamentals and turf in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses, sod farms, athletic fields.

Controls: Aphids, bagworms, lacebugs, black vine weevil, earwigs, fungus gnats, leafhoppers, mealybugs, spider mites, thrips, weevils, fire ants, Japanese beetles, more.



Catalog #	Size	Case Pack
42-001810	1 gal	4

MESUROL 75WP



HAZ



RUP



NO UPS

Active Ingredient: Methiocarb

REI: 12 Hours

For control of insects, slugs and snails on ornamentals in greenhouses and nurseries. Thorough coverage is necessary of maximum control use up to four applications per season.

Controls: Aphids, mites, snails, slugs



Catalog #	Size	Case Pack
42-210002	2 lbs.	4

OVERTURE 35WP

Active Ingredient: Nocaluron

REI: 12 Hours

Commercial greenhouse use for control of thrips including Western flower thrip and larvae of various lepidopteron insects infesting greenhouse grown ornamentals, flowering and foliage crops, ground cover, shrubs, ornamental trees and non-bearing fruit and nut trees grown indoors.

Controls: Thrips – including Western Flower thrip, lepidopterous larvae.



Catalog #	Size	Case Pack
42-160802	16 oz.	8

PEDESTAL

Active Ingredient: Novaluron
REI: 12 hours

Provides an effective means for controlling whiteflies, thrips, leafminers, armyworms and certain other foliar feeding insects on container and field grown ornamentals in greenhouses, shadehouses and nurseries but do not apply to poinsettias.

Controls: Thrips, whiteflies, army-worms, leafminers.



Catalog #	Size	Case Pack
42-103001	1 qt.	8

PYLON

Active Ingredient: Chlorophenyl
REI: 12 hours

For use on ornamental crops and vegetable plants in commercial greenhouses to control spider mites and thrips.

Controls: Mites, thrips, foliar nematodes and fungus gnats.



Catalog #	Size	Case Pack
42-110-008	1 pt	4

PYRETH-It

Active Ingredient: Pyrethrins and Piperonyl Butoxide
REI: 12 hours

For use on growing crops, ornamentals, stored products, and fruit fly reduction on harvested fruits and vegetables. May be used alone as a cleanup spray or a pre-harvest spray. Quick knockdown.

Controls: Ants, aphids, armyworms, beetles, caterpillars, crickets, thrips, gypsy moths, hornets, horseflies, lice, cockroaches, fruit flies, silverfish, mosquitoes, psyllids, stinkbugs, wasps, whiteflies, yellow jackets.



Catalog #	Size	Case Pack
42-101135	1 gal.	4

SAFARI 20SG

Active Ingredient: Dinotefuran
REI: 12 hours

A new generation, super-systemic, broad spectrum solution for indoor and outdoor ornamental. It delivers a quick uptake and knockdown. Can be applied by foliar spray, soil drench, soil injection, bark application or soil broadcast.

Controls: Aphid, fungus gnats, leafminers, mealy bug, scale, whiteflies.



Catalog #	Size	Case Pack
42-142003	3 lbs.	4

SANMITE 75WP HAZ

Active Ingredient: Pyridaben
REI: 12 hours

A resistance management weapon in the battle for mite and whitefly control.

Controls: Mites, whiteflies



Catalog #	Size	Case Pack
42-259914	4 oz.	4

TAME 2.4EC

Active Ingredient: Fenpropathrin
REI: 24 hours



Insecticide with a quick knockdown of insects and mites. Do not apply to poinsettias after bract formation, chrysanthemums, or roses in bloom.

Controls: Mites, lacebugs, leaf-hoppers, whiteflies, Japanese beetle, mealybugs, citrus thrips, spotted tentiform leafminers, apple aphid leafminers, wooly apple aphid, codling moth, black vine weevil, and many more.



Catalog #	Size	Case Pack
42-259432	1 qt.	12

TETRASAN 5WDG

Active Ingredient: Etoxazole

REI: 12 hours

Miticide is a molting inhibitor, affecting mites at all life stages. It stops the development of the eggs and larvae on contact and sterilizes the adults. Offers up to 5 weeks of control for indoor and outdoor use.

Controls: Mites



Catalog #	Size	Case Pack
42-100800	16 oz.	8

TRISTAR 8.5 SL

Active Ingredient: Etoxazole

REI: 12 hours

A broad spectrum control insecticide which provides the longest lasting foliar spray effects on the market today. It mixes easily and is compatible with many tank mix partners.



Controls: Adelgids, aphids, beetles, caterpillars, fungus gnat larvae, leafhoppers, mealybugs, plant bugs, psyllids, sawfly, scale, thrips, weevils, whiteflies.

Catalog #	Size	Case Pack
42-101906	1 qt	4

SULTAN MITICIDE

Ornamental growers now have a different mode of action for outstanding mite control. Sultan miticide – with active ingredient cyflumetofen – offers growers a powerful, targeted and novel tool needed to control mites quickly as part of a chemical or Integrated Pest Management (IPM) approach.

Active Ingredient: Etoxazole

REI: 12 hours

Catalog #	Size	Case Pack
42-260125	1 qt	4

STICKY INSECT TRAPS

Simply place cards every 500 sq. ft. (10 sq. ft. in hot spots) just above plant canopy; where most flight occurs. Inspect traps weekly to identify insects that have been caught.

EARLIER Insect Detection!

For Aphids, Leafminers, Thrips, Whiteflies, Fungus Gnats, Shore Flies, and more.



Item #	Description	Pack
44-010351	Yellow Sticky Card 3" x 5" (100/box)	100

NO-FLY

Active Ingredient: Daminozide

Compare to: B-Nine

REI: 12 Hours

Intended for biological control of targeted pests while non-pathogenic to beneficials. This naturally occurring microorganism is a great IPM too!

Controls: Whiteflies (Bemisia, Trialeurodes, Lecanoides, Aleurodicus), aphids, thrips, caterpillars, beetles and potato weevil.

Catalog #	Size	Case Pk
NEW!	2 lbs.	12

Direct Ship Only





Prescription Treatment® brand
1300 Orthene® TR
Micro Total Release Insecticide

1300 Orthene TR micro total release insecticide effectively controls many pests including (but not limited to): **Aphids – Cankercworms – Fungus Gnats – Lacebugs – Mealybugs – Scale – Spider Mites – Thrips – Whiteflies** (See label for additional insects controlled.)

Packaging: 12 x 6 oz. cans

Active Ingredient: 12% Acephate



Prescription Treatment® brand
Duraplex® TR
Micro Total Release Insecticide

Duraplex TR micro total release insecticide effectively controls many pests including (but not limited to): **Aphids – Fungus Gnats – Mealybugs – Scale – Shore Flies – Thrips – Whiteflies** (See label for additional insects controlled.)

Packaging: 12 x 2 oz. cans

Active Ingredient: 8% Chlorpyrifos and 1.6% Cyfluthrin



Prescription Treatment® brand
Attain® TR
Micro Total Release Insecticide

Attain TR micro total release insecticide is an ultra low-volume fogger utilizing advanced, fourth generation pyrethroid: **Bifenthrin**. **Aphids – Armyworms – Bagworms – Caterpillars – Fungus Gnats – Leafminers – Mealybugs – Mites – Plant Bugs – Thrips – Whiteflies** (See label for additional insects controlled.)

Packaging: 12 x 2 oz. cans

Active Ingredient: 4% Bifenthrin



Mozart TR fungicide is a total release fungicide for use ingreenhouses to control alternaria and botrytis.

Formulation: TR (total release)

Packaging: 12 x 6 oz. cans

Active Ingredient: Fludioxonil



Prescription Treatment® brand
Preclude TR
Micro Total Release Insecticide

Preclude TR micro total release insecticide is an ultra low volume insect growth regulator (IGR) that disrupts the insect's life cycles at immature stages. **Aphids – Scale – Thrips – Whiteflies**

Packaging: 12 x 2 oz. cans

Active Ingredient: 4.8%

Fenoxycarb



Pylon TR
total release insecticide

Pylon TR micro total release insecticide effectively controls many pests including (but not limited to): Caterpillars – Fungus Gnats – Broad Mite – Citrus Budmite – Cyclamen Mite – Rust Mite – Spider Mites – Folier Nematodes – Western Flower Thrips – Chilli Thrips
(See label for additional insects)

Packaging: 16 oz. container, 4 x 1 case

Active Ingredient: Chlorfenapyr



Prescription Treatment® brand
Pyrethrum TR
Micro Total Release Insecticide

Pyrethrum TR micro total release insecticide effectively controls many pests including (but not limited to): Aphids – Fungus Gnats – Spider Mites – Whiteflies
(See label for additional insects controlled.)

Packaging: 12 x 16 oz. cans

Active Ingredient: 4% Pyrethrum



Prescription Treatment® brand
Tame/Orthene TR
Total Release Insecticide

Tame/Orthene TR micro total release insecticide effectively controls many pests including (but not limited to): **Aphids – Cabbage Loopers – Fungus Gnats – Leafminers – Mealybugs – Scale – Spider Mites – Thrips – Whiteflies**
(See label for additional insects controlled.)

Packaging: 12 x 16 oz. cans

Active Ingredient: 1.0% Fenpropathrin and 1.5% Acephate



Prescription Treatment® brand
WASP-FREEZE
Wasp & Hornet Killer

Wasp-Freeze Wasp & Hornet killer is a prescription brands wasp and hornet killer which also controls a variety of other flying insects and spiders.

Packaging: 12 x 17.5 oz. cans

Active Ingredient: 0.129% d-trans Allethrin and 0.12% Phenothrin



**CONTACT
WALDO & ASSOCIATES
FOR
PRICING, AVAILABILITY
AND
DELIVERY OPTIONS**



AUTHORIZED DISTRIBUTOR



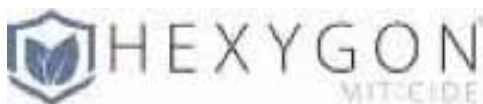
A broad-spectrum biological insecticide that controls key insect pests on greenhouse and outdoor food crops. NOP compliant and OMRI certified.

- **Broad-spectrum biological insecticide for both organic and conventional agriculture systems**
- **Superior formulation making Aza-Direct one of the most stable and effective azadirachtin insecticides in the market**
- **Soft on beneficial insects and pollinator**
- **4-hour REI / 0-day PHI**



Captiva™ is a bio-insecticide formulated using concentrated plant extracts which are active against Thrips and Spider Mites. Captiva has multiple modes of action (MOA) including insecticidal, repellency, anti-feeding and anti-egg laying properties.

Captiva™ is a very effective tool for Integrated Pest Management (IPM) that helps to manage insect pest populations and can be used alone or in tank mixes with other biological/conventional insecticides or miticides to improve the level of control.



Hexygon is a proven long lasting miticide, providing consistent residual control for up to 60 days in proper conditions. Hexygon's unique mode of action provides effective ovicidal and immature stage control. Adult female mites exposed to sprays or foliar

deposits of Hexygon will lay non-viable eggs – controlling mite population through life cycle interruption. Hexygon is ideal in an IPM program, compatible with most horticultural pesticides and adjuvants. Use on ornamental plants, as well as nonbearing trees and vines growing in nurseries and greenhouses. Hexygon is also ideal for established ornamental landscape plantings. The granular formulation is easy to measure, mix, and handle with low use rates and minimal PPE required.



Mesurol is an effective insecticide-molluscicide for the control of slugs, snails, Western Flower Thrips, and other insects.

Mesurol 75-W is a time tested insecticide/molluscicide for nursery and greenhouse ornamentals. Mesurol acts on contact providing effective control of western flower thrips and broad spectrum control of terrestrial slugs and snails. Activity is not affected by low temperatures or high moisture environments. Mesurol offers effective reliable long residual control.



When Scythe makes contact with a living plant; the spray quickly penetrates GREEN plant tissue and disrupts normal membrane permeability and cellular physiology. The disruption of the cell membrane results in cell leakage and death of all contacted tissues.



PLANTPRODUCTS®

Direct Ship Only

Our programs of integrated pest management, coupled with our technical expertise and portfolio of bio-pesticides have been proven to result in successful control of undesirable pests.

We see this as an opportunity for our customers to use products with little or no REI so your labor planning becomes much more adaptable to your busy schedule.

Met52® EC

bioinsecticide



New and Improved Formulation

- Long shelf life
- No refrigeration required
- Reduced tank residue
- Improved mixability

New Met 52® EC for your integrated Pest Management Program

- Met52 EC is labeled for effective biological control of thrips, whiteflies, mites and vine weevils.

Key benefits

- No known resistance, valuable tool for insecticide resistance management
- Competitive efficacy with chemical insecticides
- Easy to use
- Well-suited for inclusion in an IPM program
- Compatibility with many beneficial insects and other insecticides
- 4 hour re-entry interval
- 0 hour post-harvest interval



Direct Ship Only

Use Site:

- Green House
- Shade-houses
- Outdoor Nurseries
- Retail Nurseries
- and Other Landscape Area

Plants:

- Annual & Perennial Flowering Plants
- Tree & Shrubs
- Tropical Foliage & Greenhouse Vegetable

Active Ingredient:

Extract of Reynoutria Sachalinensis

Formulation:

Micro-emulsion concentrate

**BEST IN
CLASS PERFORMANCE
FOR
DISEASE PREVENTION
AND PLANT HEALTH**



PGR

ABIDE

Active Ingredient: Etridiazole

Compare to: A-Rest

REI: 12 Hours

Abide is a very flexible plant growth regulator for use on ornamental plants grown in containers in nurseries, greenhouses and shadehouses, including bedding plants, bedding plant plugs, bulbs, Easter lilies, poinsettias, chrysanthemums and foliage plants. Abide offers applicator flexibility via foliar spray or soil drench. Use of Abide effectively reduces internode elongation, generating more compact and sturdier plants. Abide also promotes darker green foliage, thereby enhancing their marketability.

Crops: Azaleas, Bedding Plants, Bulb/Fibrous Root Crops, Potted Mums, Flowering/Foliage Plants, Poinsettias, Woody Plants.

Catalog #	Size	Case Pack
40-201001	1 qt.	12
40-201025	2.5 gal.	2

CHLORMEQUAT E-PRO

Active Ingredient: Chlormequat

REI: 12 Hours

Helps produce more compact ornamentals with enhanced leaf coloration and stronger stems. Plants treated with Chlormequat E-Pro not only have better aesthetic properties, but also are better able to withstand the stress of shipping and handling.

Crops: Azaleas, Bedding Plants, Geraniums, Hibiscus, Herbaceous and Woody Flowering Crops and Poinsettias.

Catalog #	Size	Case Pack
40-000010	1 gal.	4



CITADEL

Active Ingredient: Chlormequat

Compare to: Cycocel

REI: 12 Hours

For use on a broad variety of ornamental crops grown in containers in commercial or research greenhouses. It reduces plant height by limiting internode elongation through inhibition of gibberellin biosynthesis. Produces compact and marketable plants. These desirable qualities include darker foliage, stronger stems, higher chlorophyll content and greater leaf thickness. Wetting agents are not required.

Crops: Azaleas, Bedding Plants, Geraniums, Hibiscus, Herbaceous and Woody Flowering Crops and Poinsettias.

Catalog #	Size	Case Pack
40-211010	1 gal.	4

CONCISE

Active Ingredient: Uniconazole

Compare to: Sumagic

REI: 12 Hours

Offers a longer lasting height control and darker colors on a broad range of ornamental crops.

Crops: Bedding Plants, Herbaceous and Woody Bulb Crops, Flower and Foliage Potted Plants, Perennials.

Catalog #	Size	Case Pack
40-191010	1 gal.	4

CONFIGURE

Active Ingredient:

Benaylaminopurine

REI: 12 Hours

Configure is an effective product for use on ornamental crops to increase lateral branching and promote flowering in certain ornamental species.

Crops: Containerized Plants, Annuals and Flowering Perennials, Foliage Crops, Tropical plants.

Catalog #	Size	Case Pack
40-140005	1/2 gal.	8



CYCOCEL

Active Ingredient: Chlomequat

REI: 12 Hours

Cycocel is an effective product for use on ornamental crops to increase lateral branching and promote flowering in certain ornamental species. In addition, applications of Cycocel may reduce the overall height of the plant, resulting in more compact and marketable plants.

Crops: Azaleas, Bedding Plants, Geraniums, Herbaceous Flowering Crops, Hibiscus, Poinsettias



Catalog #	Size	Case Pack
40-251032	1 qt.	4

DAZIDE 85 WSG

Active Ingredient: Daminozide

Compare to: B-Nine

REI: 12 Hours

Easy-to-use, high-quality water soluble granule. It helps growers manage plant growth and development to ensure plants are more compact, stronger, and better able to cope with transportation or transplanting, meeting increasingly stringent customer needs.

Crops: Chrysanthemums, Gardenias, Azaleas, Hydrangeas, and Poinsettias, as well as Petunias, Marigolds, and other flowering and foliage plant species.



Catalog #	Size	Case Pack
40-171050	5 lbs.	8

FLOREL

Active Ingredient: Ethephon

REI: 48 Hours

Registered to reduce or eliminate undesirable fruit development on many ornamental trees and shrubs like: apple, buck-eye, carob, cottonwood, crabapple, elm, flowering pear, horse chestnut, maple, oak, olive, pine, sour orange, sweet gum and sycamore.

Crops: Azaleas, Bedding Plants, Bedding Plants Plugs, Bulb Crops, Chrysanthemums, Geraniums, Hibiscus, Impatiens, Poinsettias, Flowering Foliage.



Catalog #	Size	Case Pack
40-120032	1 qt.	12
40-120128	1 gal.	4

FLORGIB

Active Ingredient: Gibberellin Acid

Compare to: ProGibb T&O

REI: 4 Hours

Contains Gibberellic Acid (GA3). Gibberellins are compounds that are naturally produced within plants to stimulate growth. Florgib is a liquid and is easy to handle and measure. Florgib has a huge variety of useful applications including elongation of peduncles in Pompom Mums, earlier flowering and increased yield in Statice and accelerated plant growth with increased number of flowering stems in Gypsophila.

Crops: Bermuda Golf Turf, Pompom Chrysanthemums, Statice, Calla Lillies, Tropical Foliage, Geranium, Dieffenbachia sp, Spathiphyllum sp, Cyclamen, Poinsettia, Caladium



Catalog #	Size	Case Pack
40-010010	1 gal.	4

FRESCO

Active Ingredient: Gibberellin & Cytokinin

Compare to: Fascination

REI: 4 Hours

Fresco is a highly potent plant growth regulator for use on lilies and poinsettias. It delays leaf yellowing and necrosis of lower leaves when applied to lower leaves.

Crops: Lilies – Easter, LA Hybrid, Oriental, Poinsettias



Catalog #	Size	Case Pack
40-181001	1 qt.	12

PICCOLO

Active Ingredient: Paclobutrazol

Compare to: Bonzai

REI: 12 Hours

Brings out the best in ornamentals by producing compact, consistent quality plants. Offers control of height and radius across a wide range of ornamental crops. Excellent results with leading growers and has been proven in university research trials.

Crops: Azaleas, Bedding Plants, Bedding Plant Plugs, Bulb Crops, Chrysanthemums, Flowering Foliage, Geraniums, Hibiscus, Perennials, Poinsettias, Woody Plants



Catalog #	Size	Case Pack
40-161035	1 gal.	4
40-161045	2.5 gal.	2

TOPFLOR

Active Ingredient: Flurprimidol

REI: 12 Hours

Use on ornamental plants grown in containers in commercial nurseries, greenhouses and shadehouses. Effectively reduces internode elongation through the inhibition of gibberellin biosynthesis, resulting in a more desirable compact plant. Increases the quality of plants even in the absence of growth reduction. Darker leaf color, higher chlorophyll content, stronger stems, and greater leaf thickness and decreased water loss. Topflor produces no phytotoxic effects when used as directed. Do not reuse pots, trays or other containers that previously were used in the production of a crop that was treated with Topflor.

Crops: Bedding Plants, Bedding Plant Plugs, Bulb/Fibrous Root Crops, Flowering/Foliage Potted Plants, Poinsettia, Vegetative Annuals, Perennial Plants, Herbaceous, Woody Plants



Catalog #	Size	Case Pack
40-260020	2 liter	4



When mixing PGRs, great care needs to be given to accurately measure and apply the chemical. Drench applications vary by pot size and desire does, so refer to the product label for exact mixing instructions. As always, the label contains the legal mixing information.

Foliar sprays require a uniform application to obtain consistent results. For foliar sprays,

measure out a known amount of chemical, add it to a known volume of water, and apply the spray to a known bench area. Most sprays are allied at 1 gal. per 200 sq.ft. of bench area.

For drench applications, measure out a known amount of chemical add it to a known volume of water, and apply a known volume of the drench to each pot. The volume of drench applied increases with the pot size (specifics are listed on each product label).

DILUTION TABLE

PPM AI	A-bide/ A-Rest (milliliters)	Dazide/ B-Nine (gram)	Citadel/ Cycocel (milliliters)	Collate (milliliters)	Consize/ Sumagic (milliliters)	Piccolo/ Bonzi/ Paczol (milliliter)	Piccolo 10 XC (milliliters)	Topflor (milliliters)	Configure (milliliters)	Augeto (milliliter)
0.5	7				4	0.5	0.05	0.48		
1.0	14				8	1.0	0.1	0.96		
5.0	72				38	5.0	0.5	4.8		
10	143				76	10	1.0	9.6		
25	358				189	25	2.5	23.9		
30	430				227	30	3.0	28.7		
40	573				303	40	3.0	28.7		
50	717			0.8	379	50	5.0	47.8	9.0	
100	1433			1.6	758	100	10.0	95.5	18	
200			6.5	3.1		200	20.0	191.0	36	
400			13	6.2					72	7.3
500			16	7.8					90	9.1
800			26	12.5					144	14.7
1,000		4.5	32	15.6					180	18.2
1,250		5.6	40	19.5						22.8
1,500		6.8	48	23.5						27.3
2,000		9.0	64	31.2						36.4
2,500	11.1	80	39.3							45.5
5,000		22.3		79.4						91.0

MICROFIT HERBI STANDARD

Model: MH-1Herbi Standard
Chemical Tank Volume: 2.5 liter
Chemical Output Rate: 2-5 oz/min
Bank Width: 4 ft precise circular
Total Spray Volume: 5-20 liter/acre
Droplet Size: 200-300 μ
Power Supply: 6V DC (4-D cell batteries)
Shipping Weight: 5 lbs



Features:

- Lightweight, Portable Bank Sprayer
- Cleanup, Boarder & Strip Spraying
- Low Volume, CDA Application
- Applies Most Chemical Formulations
- Minimizes Spray Drift
- Battery Powered; No Pumping

MICROFIT HERBI FLEX

Model: MH-2 Herbi Flex
Chemical Tank Volume: 2.5 liter
Chemical Output Rate: .5 - 1.33 oz/min
Bank Width: 4-20 inch band
Total Spray Volume: 5-20 liter/acre
Droplet Size: 200 μ
Power Supply: 6V DC (4-D cell batteries)
Shipping Weight: 5 lbs



Features:

- Lightweight, Portable Bank Sprayer
- Cleanup, Boarder & Strip Spraying
- Low Volume, CDA Application
- Applies Most Chemical Formulations
- Minimizes Spray Drift
- Battery Powered; No Pumping

MICROFIT HERBI TWIN

Model: MHT-3 Herbi Twin
Chemical Tank Volume: 2.5 liter
Chemical Output Rate: 2-5 oz/min
Bank Width: 5.5 - 7.5 ft pattern
Total Spray Volume: 5-20 liter/acre
Droplet Size: 200-300 μ
Power Supply: 6V DC (4-D cell batteries)
Shipping Weight: 5 lbs



Features:

- Lightweight, Portable Bank Sprayer
- Cleanup, Boarder & Strip Spraying
- Low Volume, CDA Application
- Applies Most Chemical Formulations
- Minimizes Spray Drift
- Doubles Area Covered/Pass
- Battery Powered; No Pumping

HERBICIDE CHART

ALWAYS REFER TO
THE PRODUCT LABEL
FOR DIRECTIONS OF USE.

PLANT DISEASE	FUNGICIDE PRODUCT	Pre-Emergent	Post-Emergent	Controls Broadleaves	Controls Grasses
Barricade	○		○	○	Granular for use on lawns, ornamentals, golf fairways and sports fields
Broadstar G	○		○	○	Granular for use in nurseries and landscapes
Casoron 4G	○	○	○	○	Granular for use on lawns, certain hardwoods and non-crop areas
Dimension	○		○	○	Granular for use on lawns, ornamentals, golf fairways and sports fields
Gallery DF	○		○		Sprayable for use in turf, landscapes, nurseries and non-crop areas
Double O SPC	○	○	○		Sprayable controls grasses and broadleaf weeds in established turf grass and in container, field grown and landscape ornamentals
Pramitol 25E	○	○	○	○	Sprayable nonselective herbicide that can be applied in water or oil before or after plant growth begins
Princep	○		○	○	Sprayable controls grasses and broadleaf weeds in established turf grass
Pro Deuce		○	○		Sprayable controls existing weeds and weed prone areas like side-walks, driveways, along fenceways and outside greenhouse structures.
Proclipse 65WDG	○		○	○	Granular controls grasses and broadleaf weeds in turf and ornamental landscapes.
Razor		○	○	○	Sprayable controls for broad spectrum, annual and perennial weeds and woody brush.
Razor Burn		○	○	○	Sprayable controls for broad spectrum, annual and perennial weeds and woody brush.
Razor Pro		○	○	○	Sprayable controls for broad spectrum, annual and perennial weeds and woody brush.
Ronstar G	○		○	○	Granular for control of certain weeds in woody ornamental shrubs and trees in nurseries or in turf
Snapshot DG	○		○	○	Granular for use in lawns and ornamentals
Treflan G	○		○	○	Granular for use in nurseries, landscapes and non-crop areas

CASORON 4G

Active Ingredient: Dichlobenil

REI: 12 Hours

A pre emergent herbicide that kills selective weeds and grasses. Casoron 4G controls weeds before they emerge from the ground, by forming an herbicidal vapor barrier in the upper layer of the soil when activated by rainfall or irrigation water. Casoron 4G should be applied before weed seed germination and emergence from the soil (usually from mid-winter to early spring). A single application will usually provide season-long weed control.



Controls: Artemisia, Leafy Spurge, Timothy, Canada Thistle, Orchard grass, Wild Aster, Fescue, Falsedandelion, Russian Knap Weed, Wild Carrot, Smooth Brome, Yellow Rocket.

Catalog #	Size	Case Pack
41-260450	50 lbs.	80/skid

GALLERY 75DF

Active Ingredient: Isoxaben

REI: 12 Hours

A selective preemergence herbicide that controls broadleaf weeds in established turf grass, landscape ornamentals, container grown ornamentals, field grown ornamentals, groundcovers, perennials, non-cropland, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards, Christmas tree and conifer plantations. Excellent tank mix partner with pre-emergent grass control products such as Dimension and Barricade. Controls 95 broadleaf weed species. Apply Gallery 75 DF in late summer to early fall, in early spring, or anytime prior to germination of target weeds, or immediately after cultivation.



Controls: 66lb per acre; Aster-slender, Bursage-annual, Burweed-lawn, Celery-wild, Chickweed-common, Clover-white, Cudweed-purple, Fiddleneck-coast, Filaree-redstem, Fleabane-dwarf, Fleabane-blackleaved, and more.

Catalog #	Size	Case Pack
41-269040	1 lbs.	8

ORYZALIN 4 PRO

Active Ingredient: Dichlobenil

Compare to: Surflan

REI: 12 Hours

A selective pre emergence surface applied herbicide for control of annual grasses and many broadleaf weeds in landscape, container grown and field grown ornamentals, perennial ground covers, Christmas tree plantations, non-cropland and industrial sites and non-bearing fruit and nut trees and non-bearing vineyards.

While supplies last.



Controls: Grasses: Barley-Little, Barnyardgrass, Annual Blue-grass, Smooth Crabgrass, Crowfootgrass, Southwestern Cupgrass, Foxtail-Bristlegrass-giant-Green (pigeongrass)-Robust-Yellow, Goosegrass(silver crabgrass), Johnsongrass (seedling only), Junglerice, Oat-Wild, Panicum-Browntop-Fall(spreading panicgrass)-Texas (buffalograss-coloradograss), Ryegrass-Italian, Signalgrass, Sprangletop-Red, Witchgrass; Broadleaf Weeds: Bittercress, Carpetweed, Chickweed, Fiddleneck, Filaree, Henbit, Knotweed, Pigweed, Puncturevine, Purslane, Rockpurslane, Shepherdspurse, Spurge, Woodsorrel, Lambsquarters.

Catalog #	Size	Case Pack
41-004250	2.5 gal.	2

PRINCEP

Active Ingredient: Simazine

REI: 12 Hours

A pre-emergent weed control of a wide variety of annual broadleaf and grass weeds in turf and ornamental plantings Controls up to 46 different annual weed varieties



Controls: Most annual grasses and broadleaf weeds in corn, established alfalfa, established bermudagrass, cherries, peaches, citrus, caneberries, cranberries, grapes, apples, pears, certain nuts, asparagus, certain ornamental and tree nursery stock, and in turfgrass sod production.

Catalog #	Size	Case Pack
41-259025	2.5 gal.	2

PROCLIPSE 65WDG

Active Ingredient: Prodiamine

REI: 12 Hours

For pre-emergence control of grass and broadleaf weeds in established turgrasses (excl. golf course putting greens), lawns, and sod nurseries; container, field-grown, and landscape ornamentals; conifer; hard-wood seedling nurseries; established perennial and wild-flower plantings; Christmas tree farms; and vegetation management situations including: non-crop areas on or surrounding municipal grounds and governmental installations, managed rights-of-way for transportation systems and utilities, facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows.



Controls: Barnyardgrass, Bluegrass-Annual, Carpet weed, Chick- weed, Crabgrass, Crowfootgrass, Cupgrass-Woolly, Foxtails-Annual, Goosegrass, Herbit, Itchgrass, Johsongrass (from seedling), Junglerice, Knotweed, Kochia, Lambsquarters-common, Lovegrass, Panicum, Pigweed, Purslane-common, Rescuegrass, Shepherds Purse, Signalgrass-broadleaf, Speedwell-persian, Sprangletop, Spurge-prostate, Witchgrass, Woodsorrel-yellow (from seed)

Catalog #	Size	Case Pack
41-091305	5 lbs.	4

PRODEUCE

Active Ingredient: Glyphosate & Prodiamine

Compare to: Glyphosate Pro 4

REI: 12 Hours

Complete broad spectrum non-selective post-emergent herbicide for industrial, turf and ornamental weed control.

Controls: Many annual weeds, perennial weeds, woody brush and trees.



Catalog #	Size	Case Pack
41-091064	64 oz.	8
41-091010	1 gal.	4

RAZOR

Active Ingredient: Glyphosate

Compare to: Round Up

REI: 4 Hours

The complete broad spectrum postemergence professional herbicide for industrial, forestry, turf, vegetation management and ornamental weed control.

Controls: Annual grasses: Corn, Texas Panicum, Common Rye, and Shattercane; Annual broadleaves: Sickelpod, Spanishneedles, Bristly Starbur; Annual Broadleaves: Florida Beggarweed, Redroot Pigweed, Giant Ragweed, Muck Thistle, Dogfennel, Common Ragweed, Sunflower, Velvetleaf; Perennial Grasses: Bermudagrass, Johnsongrass, Smutgrass, Vaseygrass, Guineagrass; Perennial Broadleaves: Dogbane, Milkwood, Silverleaf Nightshade, Canada Thistle



Catalog #	Size	Case Pack
41-101025	2.5 gal.	2
41-101030	30 gal.	1

RAZOR BURN

Active Ingredient: Glyphosate, Diquat

Compare to: Round Up

REI: 4 Hours

Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops, desirable plants and trees because destruction may result.

Controls: A broad spectrum of annual and perennial weeds as well as brush weeds and seedlings



Catalog #	Size	Case Pack
41-101210	1 gal.	4

AXXE BORAD SPECTRUM HERBICIDE

A non-selective, weed control for grasses and broad leaf weeds. It is formulated to deliver maximum performance and provide fast acting results on a long list of weeds and grasses, as well as most mosses and lichens.

- Works within hours of application
- Noresidue/resistance
- NOP compliant



Catalog #	Size	Case Pack
39-101001	1 gal.	1
39-101005	2.5 gal.	1

RAZOR PRO

Active Ingredient: Glyphosate

Compare to: Round Up

REI: 4 Hours

The complete broad spectrum postemergence professional herbicide for industrial, forestry, turf, vegetation management and ornamental weed control.

Controls: Annual grasses: Corn, Texas Panicum, Common Rye, and Shattercane; Annual broadleaves: Sickelpod, Spanishneedles, Bristly Starbur; Annual Broadleaves: Florida Beggarweed, Redroot Pigweed, Giant Ragweed, Muck Thistle, Dogfennel, Common Ragweed, Sunflower, Velvetleaf; Perennial Grasses: Bermudagrass, Johnsongrass, Smutgrass, Vaseygrass, Guineagrass; Perennial Broadleaves: Dogbane, Milkwood, Silverleaf Nightshade, Canada Thistle



Catalog #	Size	Case Pack
41-101110	1 gal.	5
41-101125	2.5 gal.	2

RONSTAR 50 WSP & G 2%

Active Ingredient: Oxadiazon

REI: 12 Hours

Selective pre emergent herbicide for the control of annual grasses and broadleaf weeds in turf and ornamentals.

Controls: Crabgrass, Goosegrass, Annual Bluegrass, Annual Sedge and Virginia Butterweed



Catalog #	Size	Case Pack
41-262002	2 lbs.	5

SNAPSHOT DG

Active Ingredient: Isoxaben & Trifluralin

REI: N/A

Snapshot® specialty herbicide works around the clock for up to six to eight months to keep landscapes and container- and field-grown nursery ornamentals weed-free. It controls or suppresses more than 125 broadleaf weeds and annual grasses and can be used over the top of more than 635 labeled ornamentals. Snapshot is available in two easy-to-use granular formulations — Snapshot 2.5 TG and Snapshot DG. Available in convenient 25-pound bags, Snapshot DG utilizes The Andersons patented DG Lite formulation, which features a dispersible granule.



Catalog #	Size	Case Pack
45-004605	25 lbs.	1

TREFLAN 5G (TRAMMEL)

Active Ingredient: Trifluralin

REI: 12 Hours

A selective granular pre emergence herbicide for the control of certain annual grasses and broadleaf weeds.

Controls: Barley-hare, Barnyardgrass, Bluegrass-Annual, Brome, Cheat, Crabgrass, Cupgrass-Southwestern Fescue-Rattail, Foxtail, Goosegrass, Junglerice, and Lovegrass



Catalog #	Size	Case Pack
41-265400	40 lbs.	50/pallet

SOLO BACKPACK SPRAYER

Catalog #	Item #	Description	Size
36-214730	473P	Back Pack Sprayer with Piston Pump	3 gal.
36-214251	425	Back Pack Sprayer with Piston Pump	4 gal.
36-214350	435	Back Pack Sprayer with Piston Pump	5 gal.
36-214732	473D	Back Pack Sprayer with Diaphragm Pump	3 gal.
36-214752	475	Back Pack Sprayer with Diaphragm Pump	4 gal.
36-214852	485	Back Pack Sprayer with Diaphragm Pump	5 gal.



VEGIBEE™

GARDEN POLLINATOR

The new VegiBee™ Garden Pollinator is a sonic handheld rechargeable electric device that is designed to harvest the excess pollen in vegetable plants. The pollen can then be used to pollinate 4-5 additional flowers on the same plant. Try it on tomatoes, peppers, beans, peas and eggplant.



Catalog #	Description
33-600000	VegiBee™ Garden Pollinator

PLUG PUSHER

This easy to use, economical tool can be used by right or left handed personnel. The Gro-Mor Plug Pusher is recommended for use with well rooted plugs. Simply hold, then plug tray firmly with one hand, line up the extenders with the drain holes of the plug tray and push. The plugs undamaged from the plug tray.

Catalog #	Description
33-511000	Plug Pusher - 128, 200, 288
F.O.B. FACTORY	



When ordering, please specify flat size, flat mfg., number and configuration of cells. A sample tray may be needed.

*Add \$4.00 for 392, 406, 512 **PLEASE NOTE:** Plug Pushers are a special order item shipped direct from the factory. Please allow ample time for delivery.

WAND SEEDER

GRO MOR™ INC.



Product
Model TM-1
Venturi Pump Package TM-3



Model TM-1

Includes standard wand of your choice, (for instance 512 plug tray, 406pt, 288pt etc.) hose

with needle valve, seed bin, complete set of 90 GRO*MOR tips. heavy duty 115 volt vacuum pump. (220 volt pump for foreign applications available)



Venturi Pump Package TM-3

Includes seed bin, standard wand of your choice, (for instance 512 plug tray, 406pt, 288pt etc.) hose with needle control valve, complete set of 90 GRO*MOR tips. And a venturi pump that attaches to a regulated compressed air line of compressor.

COMPLETE GERMINATING KIT



The Heated Germination Station offers increased growing success by providing gentle warmth to the planting bed and by controlling humidity under the dome.

The complete unit includes:

- UL Listed Waterproof Mat (17 watts, 120 volt)
- 2.5" Humidity Dome
- 11" x 22" Watertight Base Tray
- 72-cell Seedling Insert
- Instructions with Growing Tips



Catalog #	Description
33-019910	Germination Station - Complete Unit

VIBRO HAND SEEDER

This seeder has a speed control function which separates the seed as it drops off the end, allowing for faster seeding, even distribution, and less waste. Lightweight & portable. 9 volt battery incl. Place seeds into spatula. Evenly distribute. Hold seeder level over flat or tray to be filled. Depress switch, hold firmly. Turn speed control, adjusting until seed is moving slowly off the tip of the spatula. The speed can be also changed by tilting the seeder.



Catalog #	Item #	Description
33-630200	VHS-1	Vibro Hand Seeder
33-630220	PSA-2	Power Supply Adapter
33-630230	MAG-3	Magnifier Attachment

GERMINATING BAGS

These clear polyethylene bags are designed for encasing standard or true flats to prevent drying out during germinating. Especially useful in germination chambers. Germination bags fit standard flats and measure 12" wide x 30" long.

Catalog #	Description
64-363100	Germination Bags (100/bg)

SEEDLING HEAT MATS



Designed to fit under common seed flats, this mat warms the rooting area 10-20° above ambient room temperature, promoting faster growth. This mat is UL listed/plug-in ready and has a waterproof construction. Helpful instructions for lighting, planting and watering are printed right on the mat!

AS EASY AS 1-2-3!

1. Place mat on drained surface (no standing water).
2. For warmer mat temp, place mat on insulated surface rather than cold floor. Covering tray with propagation dome will also increase temp.
3. Plug mat into a 120 volt power source.

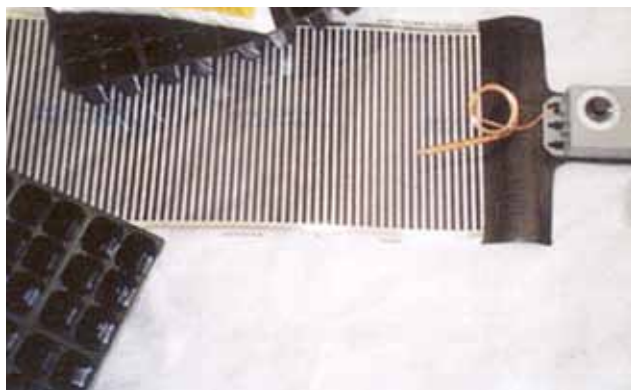
Catalog #	Description
33-010920	9" x 19.5" (25 watts) (1 seed flat)
33-011820	20" x 20" (45 watts) (2 seed flats)
33-012048	20" x 48.75" (107 watts) (4 seed flats)

PROPAGATION DOMES

Propagation Domes are a quick and easy way to increase the temperature and humidity surrounding seedlings. Designed to fit on standard flats. Made of sturdy vinyl. Measure: 11" x 22".



Catalog #	Description
59-022100	Propagation Dome (5/pack)
59-022100	Propagation Dome (50/case)

AGRITAPE®**PRECISE
HEAT MATS**

The Precise Heat Mat is self-contained and can easily be rolled up for storage. Designed for the small commercial grower and the home gardener. The heater consists of the Agritape heating element (11" wide by either 4' or 8' long) and a built-in adjustable dial thermostat.

Provides 20 watts per foot in an extremely uniform precise temperature over the entire surface. Can be set to any desired soil temperature. Plugs into a standard wall outlet. Seed trays can be placed directly on the tape.

Catalog #	Description
33-301104	Heat Mat 11" x 4' w/ built in thermostat
33-301108	Heat Mat 11" x 8' w/ built in thermostat

ROOT ZONE HEATERS

For faster germination and propagation. Set up is quick and easy. Just roll out the Agritape, cover with grounding screen and plug into your thermostat. If you need a larger size, you can customize your system up to 25' long. Order Agritape and grounding screen separately.



Catalog #	Description
33-321112	Heat Mat Kit 11" x 10' - includes agritape, grounding screen and instructions

**HEAVY DUTY
PROPAGATION MAT REMI-HEAT**

Redi-Heat Propagation Mats are portable and can be used anywhere root zone heat is necessary. They provide even, constant heat to root zone for flats and pots. Designed for use on greenhouse benches or any flat surface.


Water-proof and fully grounded against electrical shock. As with all electrical products, use care when working with and around the mats. Redi-Heat Mats are provided with a heavy duty 8' cord and a molded NEMA three prong plug for 120 volt AC current. The mats are easy to install and economical to operate. Excellent for plant propagation or growing. When using mats with GFI outlets, stay below 500 watts to avoid tripping GFI.


**RHT-4 THERMOSTAT**


For automatic control of heating mats. Four heating elements may be plugged into thermostat. Each heating device will be heated to setting the grower dials on thermostat. Temp range, 40°F to 100°F with accuracy of +/-3°F.

Catalog #	Item #	Description	Specs	Pk
33-028540	8606	Redi-Heat HD Mat	21" x 5'	1
33-028542	8608	Redi-Heat HD Mat	21" x 10'	1
75-018525	8525	RHT-4 Thermostat	15 amp, 1800 watts	1



PICTURE	CODE #	OASIS® ROOTCUBES® GROWING MEDIUM
	5005	1" - 162 cls/sht (20 shts/cs; Ttl 3,240 cls)
	5010	1-1/4" - 104 cls/sht (20 shts/cs; Ttl 2,080 cls)
	5015	1-1/2" - 50 cls/sht (20 shts/cs; Ttl 1,000 cls)
	5020	10 strp - 10 cls/strp (190 strps/cs; Ttl 1,900 cls)

PICTURE	CODE #	OASIS® LC-1 HORTICUBES® GROWING MEDIUM
	5225	1" Medium 162 cells/sheet (20 sheets/cs; Total 3240 cells)
	5231	1" thnct - 276 cls/sht (20 shts/cs; Ttl 5,520 cls)
	5240	1-1/4" - 104 cls/sht (20 shts/cs; Ttl 2,080 cls)
	5245	1-1/2" - 50 cls/sht (20 shts/cs; Ttl 1,000 cls)

PICTURE	CODE #	OASIS® XP-SYSTEM™ GROWING MEDIUM & TRAY
	5400	Sub-Irrigation Try 26 & 52 ct. strps (100 trys/cs)
	5426	26 Ct Prpgtn Strps (150 strps/cs; Ttl 3,900 cls)
	5452	52 Ct Dbl Prpgtn Strps (150 strps/cs; Ttl 7,800)

PICTURE	CODE #	OASIS® WEDGE® GROWING MEDIUM, REFILLS, & TRAYS
		<i>(Media fit "standard" 10 x 20 try; All media w/ "universal" hole)</i>
	5600	5-Rbbd Carrier Try for 5625, 36, 56, or 5020 (75 trys/cs)
	5605	Sub-Irrigation Try (100 trys/cs)
	5610	Med Only, 1/4" Hole - Rfl for Try 5640 (Ttl 2,016 cls)
	5611	Med Only, 1/8" Hole - Rfl for Try 5640 (Ttl 2,016 cls)
	5615	Med Only - Rfl for 5625, 41, 43 (120 strps/cs; Ttl 2,040 cls)
	5620	25 ct. Dbl Strp (140 strps/cs; Ttl 3,500 cls)
	5625	34 ct. Dbl Strp (72 strps/cs; Ttl 2,448 cls)
	5635	10 ct. Snagl Strp w/ Conn. Clps (280 strps/cs; Ttl 2,800 cls)
	5636	10 ct. Snagl Strp w/out Clps (280 strps/cs; Ttl 2,800 cls)
	5641	102 ct. Try Only - (6x17 cls; 40 trys/cs; Ttl 4,080 cls)
	5643	102 ct. Try & Med (10 trys/cs; Ttl 1,020 cls)
	5655	13 ct. Snagl Strp w/ Conn. Clps (280 strps/cs; Ttl 3,640 cls)
	5656	13 ct. Snagl Strp w/ Clps (280 strps/cs; Ttl 3,640 cls)



POLY FILMS

Waldo & Associates proudly distributes Berry Plastics' greenhouse poly films. Orders placed by May 1st and shipped between August and October will be fulfilled by Waldo & Associates. All orders for the poly film placed during other times of the year, will be fulfilled and shipped by Berry Plastics.

Tufflite™ I

Our clear nursery film is a one year warranted film once installed and used as directed. This film is available in 3 mil to 6 mil in various widths and lengths.

Tufflite™ IV

This high-quality four-year 6 mil greenhouse covering is available in various widths and lengths in standard four year and well as Tufflite Dripless (anti-condensate) and Tufflite IR (infrared). All products offer industry high clarity to allow the most light possible.

Co-Poly

Our Co-Poly is a single season over-wintering film available in white, and sold in standard 70% opacity in various widths and lengths.

Call for a drop ship quote—freight paid over 3,000lbs.

Contact your Waldo & Associates Regional Account Manager or call 1-800-468-4011 for current pricing.

TUFFLITE™

Co-Poly White (1 Season—3 mil)

Co-Poly White (1 Season—4 mil)

Co-Poly White (1 Season—6 mil)

Tufflite I Clear (1yr—3 mil)

Tufflite I Clear (1yr—4 mil)

Tufflite I Clear (1yr—6 mil)

Tufflite I/R (4yr—6mil)(TIV)

Tufflite IV (4yr—6mil)(TES)

Tufflite Temp Cool (6mil)

Tufflite I Clear (3, 4, 6 mil)

BERRY
PLASTICS

GRIFFOLYN COVERS OFFER EXTRA STRENGTH FOR EXTREME WEATHER CONDITIONS

Griffolyn TX-1200 is a 3 ply laminate combining two layers of linear low density poly and a high strength cord grid. Specifically engineered to provide strength and durability in a lightweight UV stabilized material. Excellent for use where extreme wind and weather prevail to cover greenhouses, soils & mulch, or as side curtains for livestock. Call for price quote

Available for immediate shipment in standard roll sizes 4' – 40' wide x 100' long (longer lengths sold in 4' increments) or custom fabricated to your configurations.

Clear = 80% light transmission, **White** = 20% light transmission, **Black or Black/ White** = 0 % light transmission



Griff-Clips are an innovative way to create a tie down fixture when and where one is needed. The unique design is non-penetrating and can easily be installed and moved for reuse without any tools. Works with all types of plastic films and reinforced fabrics and sheeting.

CALL FOR PRICING! 800.468.4011

KLERKS K1 GREENHOUSE



Although Klerks is recognized as the leader in long life additive film technology, did you know that we also pioneered many advances for the nursery film user as well? Klerks was the first company to use tri-layer technology for one year and overwinter films. We start with top quality resins that produce great tensile strength, but we don't just stop there. We offer a variety of choices for overwinter film users. Film is available in 3, 4, 5, and 6 mil. Clear film as well as white opacities of 35%, 55%, and 70% are also available. Widths from 4' up to 60' are available.

K50 IR/AC

Keep the heat and lose the drips! Klerks sets the standard in the industry for long lasting anti-condensation, the standard to which all other companies compare. All anti-condensates work when they're new, but no other film's anti-condensate additive keeps on working for you after that first or second year like Klerks does.

- **Anti-condensation** - Removes the condensation from the film surface by providing an industrial soap additive. That keeps the films surface tension low where droplets will not form. Water will spread out and "sheet" to the gutters.

- **Infra-Red** - This film helps conserve energy by holding longer IR wavelengths in the house at night. This keeps the heaters from cycling as often and saves on energy. Has one of the highest thermal ratings of any film in the industry.

- **Diffusion** - breaks up the light and spreads it around your greenhouse. Gives your plant even, cool light that can reach below the canopy.

K50 CLEAR

A 4 year, 6 mil covering for single or double layer applications. Starting with strong EVA resin for excellent durability and light transmission, it comes standard with an anti-static additive to repel dust and dirt and keep the light shining through. Klerk's UV protection uses the latest HALs technology for superior film life. Tri-layer construction gives maximum physical properties with less weight. Available in Clear or 55% White, sheet or tubes.

KOOLITE PLUS 380©

Provides all the benefits of IR/AC, but has additional benefits.

- Blocks harmful UV - while other films claim to block UV, most transmit up to 35% and some don't block UV - B at all. KoolLite380 blocks all UV wavelengths to 380 nm.

- Cools - by providing one of the highest diffusion rates in the industry and selectively filtering certain wavelengths of light that cause heat, KoolLite380 lowers leaf surface temperatures by up to 10 degrees. The result is not only cooler greenhouses and plants, but less water usage, less whitewashing in the hotter months. For retail environments, it means cooler customers and better quality light for the shopping experience, and for wholesale growers it means happier workers and staff.

- Diffusion - KoolLite380 provides 77% light transmission, 75% diffused and 2% direct light. This means plants receive very high quality light that is even. Very little shadow can be noticed in a KoolLite380 house.

- PAR quality - KoolLite380 lowers temperatures like a white film, but provides much better PAR transmission than a white film does. Good growing conditions result from the focus on blue and red wavelengths, and cool temperatures result from lowered IR wavelengths.

**Call for Drop Ship Quote
Freight Paid over 3000 #**

KLERK'S POLY FILMS

K50 Clear (4yr-6mil)	K3 IRAC LF (3yr-4mil)
K50 IR/AC (4yr-6mil)	K1 White & Clear (1yr-3mil)
K50 White (4yr-6mil)	K1 White & Clear (1yr-4mil)
KoolLite Plus (4yr-6mil)	K1 White & Clear (1yr-6mil)



Sun Master Films

**Call for Drop Ship Quote
Freight Paid over 3000 #**

We proudly stock SunMaster polyethelene film covers year around in most standard sizes from our Perrysburg, Ohio warehouse. For best availability and pricing special order / non-stock sizes should be ordered by May 1st to ship with our stock sizes August through October. Direct shipments are available year around with added freight.

SUN MASTER OW CLEAR

UV stabilized clear film that provides excellent light transmission while reducing over-wintering temperature fluctuations.

SUN MASTER IV WHITE 55%

UV stabilized for 4 years of film life while providing 55 % shade. Same superior strength as clear against tears and punctures. Use for over-wintering nursery & perennial stock or as a retail greenhouse cover or anywhere more light diffusion is needed.

SUN MASTER IV

UV stabilized for 4 years of film life. Offers superior strength at folds and against tears & punctures while allowing a high light transmission.

SUN MASTER OW WHITE 70%

UV stabilized white film provides 70% shade. Used on nursery stock structures to reduce over-wintering injury to woody ornamentals. Reduces temperature fluctuations during the over-wintering period.

SUN MASTER IV THERMAL

UV stabilized for 4 years of film life. A premier thermal film with excellent Infra-Red retention (IR) properties allowing for energy savings. Also offers long lasting condensation control and diffused light transmission for optimal growing conditions. Superior strength at folds and against tears & punctures. Best used as the internal poly layer on double layered greenhouse coverings.

FILM TYPE

SunMaster IV (4yr-6mil Clear)	SunMaster OW (3mil White 70%)
SunMaster IV (4yr-6mil White 55%)	SunMaster OW (3mil Clear)
SunMaster Thermal (4yr-6mil)	SunMaster OW (4mil White and Clear)

For best customer service we expedite all poly orders for shipment to you within 30 days of receiving product in to our warehouse. Due to product size & popularity we cannot store filled poly order shipments beyond our 30 day receipt time.

INFLATION FAN COMPONENTS

INFLATION BLOWERS

For double layer poly
Used to inflate two layers of poly film to conserve heat, lengthen life of poly and increase rigidity of houses where snow loads are a problem. Thermally protected 115V motor.

INFLATION BLOWER

Catalog #	Description
25-114450	Inflation Blower - SMALL (50 CFM)
25-114456	Inflation Blower - LARGE (146 CFM)



Inflation Blower, Bracket & Deflector in use

BRACKET & DEFLECTOR

For inflation blowers
This unique blower bracket will effectively stabilize and hold an inflation blower. It comes with a positive twist lock between the covering film and the bracket. Available in 2 sizes.

BRACKET AND DEFLECTOR

Catalog #	Description
25-264440	Bracket/Deflector Set for FN60SYS
25-264446	Bracket/Deflector Set for FN180SYS



Inflation Blower, Bracket & Deflector unit

JUMPER KITS



Ideal for inflating side and endwalls. The twist-on coupling with finger grooves and flexible hose makes installation simple. The Jumper kit end features three vented ports to prevent the outer layer of polyethylene from blocking air flow. All PVC construction.

JUMPER KITS


Catalog #	Description
25-340018	18" Black Jumper Kit
25-340024	24" Black Jumper Kit
25-340036	36" Black Jumper Kit





Bracket & Deflector set


WIRING KIT


Catalog #	Description
25-999999	8' electrical cord, orange wire nuts, electrical connector


PICTURE	CATALOG #	E-ZY GROWER SUPER STICK TAPE	SIZE
	28-990104	This 6 mil UV stabilized repair tape offers our most aggressive bonding adhesive. The paper backing peels off for easy placement right where you want it.	4" x 48'
	28-990106		6" x 48'
	28-990110		10" x 48'

PICTURE	CATALOG #	E-ZY GROWER MENDING TAPE	SIZE
	28-992100	Our economical 5 mil clear, UV stabilized all purpose mending tape is ideal for use on plastic sheeting, paper or metal. Tears are quickly repaired and weatherproofed.	2" x 108'
	28-994100		4" x 108'
	28-996100		6" x 108'

PICTURE	CATALOG #	E-ZY GROWER MENDING TAPE	SIZE
	28-992055	Packaging Tape For use with standard tape guns.	2" x 55 yds.
	28-993150	Shrink Wrap Roll	18" x 1500'

PICTURE	CATALOG #	BATTEN TAPE	SIZE
	28-991500	Provides a quick fastening method for stapling plastic film to wood framing. Saves hours of application and removal time while acting as a batten strip to hold plastic in place during cold and wind. Staple every 4', holding tape tight. Batten Tape is a white vinyl strip 3/4" wide by 1/32" thick. Formulated to resist u.v. radiation and extreme cold.	3/4" x 500'
	28-991000		3/4" x 1000'

PICTURE	CATALOG #	BATTEN TAPE	SIZE
	28-991600	Use to batten down poly film on greenhouses. Keeps film from fluttering, cuts down noise facto and protects the film against tears and puncturing. Does not cast shadows.	3" x 1000'

PICTURE	CATALOG #	BATTEN TAPE	SIZE
	28-997550	Use to support roll tube on roll-up side vents or to secure greenhouse poly from wind flapping on the roof.	1-3/4" x 514'



ANCHOR PINS & NO RUST PEGS

Anchor Pins properly secure and anchor landscape fabrics. These special U-shaped steel pins are angled at their ends for faster and easier installation. No Rust Pegs are ideal for holding down ground cover and are made from a black durable plastic. Hammer gently into the ground every 2-3 feet. Yellow Plastic Washers fit both of the No Rust Pegs, the 6" MMP2 and the 7.5" MMP3.



CATALOG #	DESCRIPTION	BAGS
30-805990	Anchor Pins	50
30-810060	6" No Rust Peg	100
30-811080	7.5" No Rust Peg	100
30-812990	Yellow Washer Fits MMP2/MMP3	100

Also available in white. Call for pricing.

GREENHOUSE GROUND COVER

Our 3.2 ounce polypropylene woven ground cover resists tearing, puncturing and weed penetration. Ideal for greenhouse flooring, outdoor displays or as a weed barrier for landscape planting where a weed free environment is a must. Striped every 12" for plant adjustment. Permeable and UV stabilized.



CATALOG #	DESCRIPTION
30-003300	3' x 300' Ground Cover
30-006300	6' x 300' Ground Cover
30-010300	10' x 300' Ground Cover
30-012300	12' x 300' Ground Cover
30-016300	15.5' x 300' Ground Cover

PLANT PROTECTION NATURAL BURLAP

Ideal for soil erosion control, plant protection, wind screen, tree wraps & more.

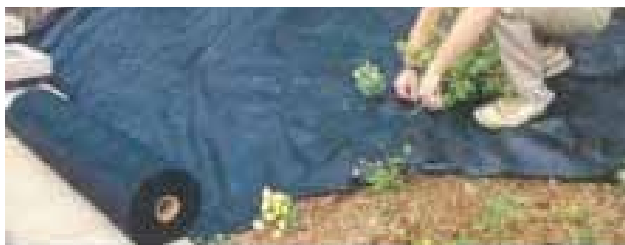


*Treated (rot-resistant) burlap available by special order - approximately 15% upcharge.

CATALOG #	DESCRIPTION
69-930350	36"x100 yd Roll - Natural
69-930450	48"x100 yd Roll - Natural

20 YEAR WEED BARRIER

Durable, 4.1 ounce polypropylene, needle-punched fabric with reinforced fiber for extra durability. Striped every 12" for easy plant alignment and is permeable to allow water and nutrients to pass through easily.



CATALOG #	DESCRIPTION
30-103250	3' x 250' Weed Barrier
30-104250	4' x 250' Weed Barrier
30-106250	6' x 250' Weed Barrier



CROP COVERS



DELUXE

This white .5 oz. fabric keeps temperatures up to 4° higher than outside conditions and creates an excellent microenvironment for seed germination and seedling growth. In fact, this fabric provides 90-95% average seed germination compared to a 60-65% with straw.

ULTIMATE

This ultimate white 3 oz. fabric provides freeze protection 10° or greater than outside conditions. DeWitt's Ultimate is the most durable, effective product available on the market for "all winter" protection of your perennials and other ornamentals. Designed to hold in heat and allow irrigation and rain to pass through, this fabric will not cause foliage burn even on sunny days.

CATALOG #	DESCRIPTION
30-510625	DeWitt Deluxe 6' x 250' -white
30-500625	DeWitt Ultimate 6' x 250' -white
30-501225	DeWitt Ultimate 12' x 250' -white
69-006880	SP2 8" Sheet Peg 50/pk



KNITTED SHADE CLOTH

- Won't unravel when cut!
- 100% UV stabilized polyethylene with lock stitch construction.
- Quick ship stock sizes.
- Custom fabricated sizes available with lead time.
- Black, white, colors* and stripes*

*colors/stripes non-stock, custom only.

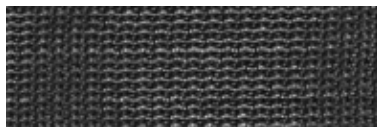
PRE-CUT KNITTED SHADE CLOTH (STOCK ROLL)

CATALOG #	DESCRIPTION
27-218312	50% Black, 12' x 50'
27-218326	50% Black, 26' x 50'
27-219312	50% Black, 12' x 100'
27-219326	50% Black, 26' x 100'

SPECIAL ORDER KNITTED SHADE CLOTH

DESCRIPTION	STANDARD WIDTH
30% Black	6', 10', 12', 14', 20', 26', 32'
40% Black	6', 10', 12', 20', 26', 32'
50% Black	6', 10', 12', 20', 26', 32'
50% White	6', 10', 12', 20', 26'
60% Black	6', 10', 12', 20', 26', 32'
65% Tan Ultra	12'
70% Black	6', 8', 10', 12', 15', 20', 26', 32'
80% Black	6', 10', 12', 20', 26', 32'
90% Black	6', 10', 12', 20', 26', 32'

CLIP-ITS



CLIP-ITS







CATALOG #	DESCRIPTION
27-230000	Clip-Itst

WOVEN SHADE CLOTH

- Rigid tensile/burst strength.
- 100% UV stabilized polyethylene monofilament withstands extreme solar conditions.
- All orders custom fabricated with lead time.
- Use for shading plants, people and animals, or as wind and privacy screen.



STANDARD WIDTHS: 6', 10', 12'

PRODUCT	PERCENT OF SHADING
 WS30	30% Black
 WS47	47% Black
 WS55	55% Black
 WS63	63% Black
 WS73	73% Black
 WS80	80% Black

Reinforcement Tape:	35¢ per foot
Grommets:	28¢ each
Seams or Hems:	28¢ per foot

NOTE:

Special order shade cloth is shipped direct from the factory; please allow ample time for delivery. **Special order minimum of \$75.00.**

MULTIWALL POLYCARBONATE SHEETS

VIRTUALLY UNBREAKABLE

Impact strength is 200 times greater than glass and 10 times greater than acrylic.

CONDENSATION CONTROL

A factory applied condensation control is available on 8 mm Macrolux panels. Allows water to spread into a thin sheet rather than form into droplets.

EASY TO INSTALL

Macrolux won't crack or split when cut or drilled.

TRANSPARENT

Offering up to 83% light transmission in clear (custom colors available by special order).

LIGHTWEIGHT

Just one-eighth the weight of glass, polycarbonate panels are self supporting and do not require the extensive structural support that a heavier glass wall or glazing material needs.

HIGHLY FLEXIBLE

Can be readily cold formed to many bending radii and can be fabricated on site to precise dimensions.

SAVES ENERGY

The multiwalled construction gives excellent thermal insulating values while blocking UV transmission.

WARRANTY

Macrolux is backed by an extended 10 year warranty on light transmission and breakage caused by hail with completed warranty registration form.



**SEE THE 'FABRICATION' SECTION FOR
RELATED ALUMINUM EXTRUSIONS**

**CALL FOR PRICING
AND AVAILABILITY.
QUANTITY DISCOUNTS MAY APPLY.**

CATALOG #	DESCRIPTION
F.O.B. OH	TRIPLE WALL 8MM - CLEAR, 4' & 6' widths sold in one foot length increments from 4' - 38'

CUSTOM NON-STOCK ORDERS ALSO AVAILABLE FOR:

Colors: Opal (4' width) and Bronze (4' and 6' width). Standard Length: 8' - 24' (upcharge over 24'). Call for quote with crating/freight. Crating charges do apply.

CORRUGATED (RIBBED) POLYCARBONATE SHEETS

The Greca Profile is appropriate for agricultural, industrial & do-it-yourself applications.

LIGHTWEIGHT

At just 1/8 the weight of glass, Rooflite® does not require the extensive structural support that a heavier glass wall or skylight needs.

VIRTUALLY UNBREAKABLE

An impact resistance 20 times stronger than fiberglass and over 120 times stronger than glass.

EASY TO INSTALL

Designed for simple and rapid installation. It easily adapts to any wall or roof with a bending radius over 13'.

LOW FLAMMABILITY

LIGHT TRANSMISSION

These sheets transmit visible light – up to 90% to your crops, with reduced UV transmission to protect greenhouse crops.

WARRANTY

Rooflite is backed by a 10 year warranty against yellowing with completed warranty registration form.

**SEE THE 'FABRICATION' SECTION FOR
RELATED ALUMINUM EXTRUSIONS**

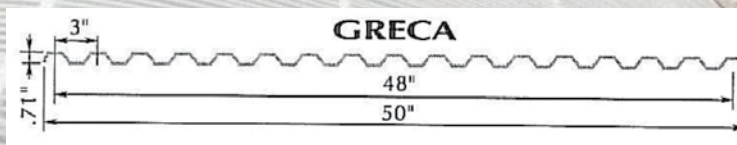
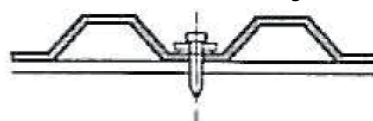
**CALL FOR PRICING AND AVAILABILITY.
QUANTITY DISCOUNTS MAY APPLY.**

ADD 39" HORIZONTAL CLOSURE STRIP



#029-811-140

Stock Greca Style



CATALOG #	DESCRIPTION
F.O.B. OH	Clear Corrugated Sheets, 4' finish by 8', 10', 12', 14' and 16' lengths

CUSTOM NON-STOCK ORDERS ALSO AVAILABLE FOR:

Colors: Opal (4' width) and Bronze (4' and 6' width). Standard Length: 8' - 24' (upcharge over 24'). Call for quote with crating/freight. Call for quote with crating/freight.

CONTINENTAL PRODUCTS

KOOL RAY CLASSIC KOOL RAY CLASSIC is specifically designed to lower inside greenhouse temperatures during the warmer spring and summer growing seasons. During the course of the year, CLASSIC's environmentally friendly ingredients will slowly wear off (weather permitting) allowing for increased light levels as the daylight decreases. CLASSIC works best when spray applied.



Coverage will vary according to application, applicator, and dilution ratio. Spray will normally provide the best coverage of approximately 175 sq. ft./gal. before dilution.

See label for more information on mixing ratios.

BEDDING PUTTY

You owe it to yourself to use the very best BEDDING PUTTY for glass, plastic panes or sheets. CONTINENTAL'S BEDDING PUTTY has been used faithfully for years by many major manufacturers of greenhouses. For absolute premium results, use PUTTYLASTIC NATURAL as a top glaze in conjunction with our bedding compound. Available in gun grade only.



PUTTYLASTIC



Completely seals cracks and openings by "creeping and keying" into small crevices. Because of its special properties, PUTTYLASTIC will retain its elasticity and adhesion for years. And it is easy to apply by handgun or power gun. There is no equal to its performance! Save a bundle on energy bills during the winter. Plus your fans will work more efficiently during the summer. The result will be a greenhouse environment that is easier and less costly to maintain because there are no air leaks.



SUN CLEAR

Anti-Drip Coating for Glass

No drip coating for glass, fiberglass and polyethylene. Keeps water from condensing and dripping on plants and people and increases light transmission.

One gallon covers 40,000 square feet.



CATALOG #	DESCRIPTION	SIZE
27-100101	Kool Ray Classic	1 gallon
27-100105	Kool Ray Classic	5 gallon
non-stock	Kool Ray Classic	55 gallon
27-107001	Puttlylastic	1 gallon
27-107005	Puttlylastic	5 gallon
27-107099	Puttlylastic	cartridge (10/cs)
27-106001	Bedding Putty-gun grade	1 gallon
27-106-005	Bedding Putty-gun grade	5 gallon
27-106099	Bedding Putty-gun grade	cartridge (10/cs)
27-109000	X-Tra Stick	1 quart
27-109001	X-Tra Stick	1 gallon

CATALOG #	SIZE	PACK
44-260016	1 pt	24/cs
44-260050	1 gal	4/cs



GREENHOUSE HEATER

THE EFFINITY93 (MODEL PTC)
FROM MODINE IS THE MOST
EFFICIENT GAS-FIRED UNIT
HEATER IN NORTH AMERICA.



EFFINITY93® HIGH EFFICIENCY GAS FIRED UNIT HEATER

Modine's new Effinity93 Blower units (model BTC) are the only high efficient gas-fired condensing unit heaters on the market today with a blower option! Built on the same successful platform as the Model PTC Propeller Unit Heaters, these models include the same great features with the application flexibility of a blower unit heater:

Three model sizes from 215,000 to 310,000 Btu/hr offer unmatched application flexibility to cover the most popular blower unit heater sizes. Blower air flow performance matches similarly sized BTS units, with an Air Temperature Rise range of 40°F to 70°F available for all model sizes. Proudly made in the USA at our Buena Vista, VA facility.

With the Effinity93 you are assured the following features:

- Modine's exclusive Conservicore™ technology withstands acidic condensate
- Designed with contractors in mind: faster installation and lower installation costs
- All Effinity93 box sizes are equal to a corresponding HDS or PTS model
- The standard Contractor Convenience Package allows for easy connectivity and troubleshooting
- Optional finger-proof fan guard for operation at low mounting heights
- MADE IN THE USA



MODINE'S PDP/BDP POWER VENTED UNIT HEATER

Modine's PDP/BDP power vented unit heaters are inexpensive to install, easy to use and offer excellent in-service economy. Our gas fired heaters are available in units rated from 150,000 to 400,000 BTU/hr. These units provide air circulation to reduce dead spots in the greenhouse, reducing high moisture areas that promote mold growth.

A power vented unit gives you many added advantages including:

- Versatility allows air to blow from the top of the greenhouse or through ducts
- Heaters are indirect fired, allowing all combustion products to be vented to the exterior of the greenhouse and protecting sensitive plants from toxins found in the products of combustion
- Modine gas-fired unit heaters maintain a minimum 80% efficiency, maximizing seasonal efficiency through the use of a collector box and the power exhauster
- Optional finger-proof fan guard for operation at low mounting heights
- A 100% shut-off, intermittent pilot-ignition system with continuous retry, at no extra charge. The ignition system allows for units to be field-converted to propane, if desired
- A safety pressure-switch to assure safe venting conditions
- Designed to utilize the smallest-diameter vent pipe possible
- A level hanging mechanism for easy field adjustments after adding accessories that may change the unit's center of gravity
- BDP is designed to operate against 0.5 inches of external static pressure
- MADE IN THE USA



GREENHOUSE HEATER

TUBULAR HEAT EXCHANGER

The Sterling tubular heat exchanger has been designed to provide maximum and uniform heat transfer. The low pressure drop associated with this design enables heated air to be evenly distributed to the conditioned space. This curved, non-welded serpentine design experiences less thermally induced stress making it highly durable for significantly longer service life. All standard Sterling tubular heat exchangers are constructed of heavy duty 20-gauge aluminized steel with an optional 409 stainless steel heat exchanger available for applications in mildly corrosive environments.

SEPARATED COMBUSTION

The "SF" separated combustion configuration allows application flexibility in areas where dust, dirt, humidity or mildly corrosive conditions are prevalent. A unique power-venting system draws clean combustion inlet air from the outside while exhausting flue gases through the outlet discharge. All critical components including the burner, pilot ignition system and flue are safely enclosed within the unit protected from potentially corrosive elements.

DIRECT SPARK IGNITION SYSTEM

Sterling "SF" units utilize a direct spark pilotless ignition of the burner, providing fast heat delivery. This highly reliable and efficient ignition system incorporates an integrated electronic control board to regulate the system sequence of operation, including an onboard LED indicator for simple troubleshooting.

VENTING

The Sterling "SF" unit heaters are ETL certified in accordance with categories I and III venting requirements. This certification allows units to be vented both vertically and horizontally using either single wall or double wall venting materials. This venting flexibility of the "SF" unit heaters make installation easier and more cost effective by allowing the installer to utilize existing venting components.

CONTROL ACCESSIBILITY

Designed with the service person in mind, every component of the Sterling "SF" Series is easily accessible. Ignition and fan controls are located in one centrally located control panel. The access door provides control isolation as well as a pleasing exterior appearance.



CATALOG #	DESCRIPTION	BTU
22-480100	Natural Gas Sterling Heater	150,000
22-480101	Propane Sterling Heater	150,000
22-482100	Natural Gas Sterling Heater	175,000
22-482101	Propane Sterling Heater	175,000
22-484100	Natural Gas Sterling Heater	200,000
22-484101	Propane Sterling Heater	200,000
22-486100	Natural Gas Sterling Heater	250,000
22-486101	Propane Sterling Heater	250,000

LINE VOLTAGE THERMOSTATS

Designed to control automatic ventilation or heating systems. Single stage (1UHH2): line voltage or low voltage control of fans or heaters. Two Stage (1UHH3): control two-speed fan or two stages of heat/cooling. Temp range: 30° to 110° F.

CATALOG #	ITEM #
75-332206	1UHH2
75-332207	1UHH3





J&D Manufacturing is your commercial and hobby greenhouse supply specialist! Products include curtain systems, aluminum and poly shutters, variable speed and temperature controls, shaded pole blowers, evaporative pad cooling systems, and a complete line of Horizontal Air Flow (HAF) and ventilation exhaust fans to help control your greenhouse temperature for maximum productivity.

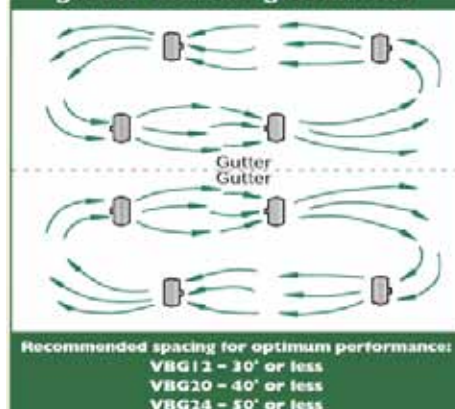
GREEN-BREEZE HAF FANS

Features:

- Available in 12"
- Includes hot dip galvanized standard flag mount bracket and mounting hardware
- Patented open front guard cuts cleaning time and maintenance costs (U.S. Patent No. 5,348,447)
- Variable speed motors for year round air circulation (requires separate variable speed control to adjust fan speed)
- Attached cord with 3-prong plug
- No belts or bearings to maintain
- Corrosion resistant white powder coated fan guard meet OSHA 1910.212(a)(5) requirements.
- Mounting bracket mounts directly to the yoke of motor to eliminate any vibration for smooth fan operation
- Fan ships completely assembled
- The tapered side guard creates a tight air pattern that throws air much further than conventional basket fans
- Provides airflows that helps to eliminate hot and cold spots throughout the greenhouse
- Totally enclosed, maintenance free, direct drive high efficiency motors have completely sealed ball bearings, UL and CUL certification (File# E219338/E315335) and are covered by a full TWO YEAR WARRANTY
- Can be used with our misting/fogging product line to reduce temperature and/or increase humidity for plants



Structure air-flow pattern for gutter connect greenhouse



ITEM #
VBG12 White 115V 1 PH s/var w/ Bracket & 10' cord
VDB16G White 115V 1 PH s/var w/ Bracket & 6' cord
VDB20G White 115V 1 PH s/var w/ Bracket & 6' cord
VDB24G White 115V 1 PH s/var w/ Bracket & 6' cord

EZ-BREEZE HAF FANS

J&D Manufacturing's EZ-Breeze HAF Fan is a high efficiency air circulator that effectively cools people, plants, animals and industrial equipment. The EZ-Breeze reduces condensation, dries animal litter and bedding, controls insects, and creates a uniform temperature throughout your building to reduce heating costs.

- Available in 20" and 24"
- Includes hot dip galvanized mounting bracket with u-bolts and nuts
- Aluminum propeller designed to reduce ambient noise levels while maintaining maximum circulation requirements
- Efficient variable speed motor (requires separate variable speed control)
- Corrosion resistant white powder coated guards meet OSHA 1910.212(a)(5)
- Pre-wired with 115V attached 6' cord and 3-prong plug
- Fan ships completely assembled
- Totally enclosed, maintenance free, direct drive high efficiency motors have completely sealed ball bearings, UL/CUL certification (File # E219338/E315335) and a full TWO YEAR WARRANTY
- For additional cooling, use with our misting/fogging product line
- Performance fan ratings certified by BESS Lab at the University of Illinois
- Made in the U.S.A.



HEATING &
COOLING

ES SHUTTER FAN

J&D Manufacturing's ES Shutter Fan is a durable agriculture grade exhaust fan perfect for barn and building peaks, greenhouses, warehouses and more. ES shutter Fans are available without a cord, or pre-wired with a cord and plug for "No Electrician Required" installation. Fans ship fully assembled out of the box so you're up and running in no time!

- Available in 10", 12", 16", 20", 24" and 30"
- Smooth and quiet operation
- Comes totally assembled out of the box
- Models with cord have 3-prong plug and are pre-wired for 115 Volts. No electrician required!
- Balanced 3 bladed aluminum prop with a zinc plated steel hub
- Chrome guard allows for easy cleaning and meets OSHA 1910.212(a)(5) requirements to mount at any height on inlet side of fan. (When mounted, shutter side should be 7' above ground)
- High efficiency aluminum shutters with tie bar to eliminate shutter flapping and opening on windy days
- Totally enclosed, maintenance-free, direct drive high-efficiency motors have completely sealed ball bearings and are covered by a TWO YEAR WARRANTY Optional exterior weather hood available to protect your the exterior shutter side of fan from harsh winds and severe weather



MYN-FAN**HIGH PERFORMANCE
ECONOMY HAF FANS**

Meeting Your Needs is the driving force behind designing MYN Fan air movement products. Our circulation fans, galvanized exhaust fans, inflation blowers and intake shutters are designed to meet your needs in all markets including Commercial, Misting, Agriculture, Horticulture and Rental.

- High efficiency, quiet operating fans
- Longest distance air throw in the industry
- Industrial grade aluminum blade
- Guards have powder coating over zinc plating for added rust protection
- Engineered OSHA guard design for maximum air throw
- Bracket included
- Pre-wired with 5ft grounded cord
- 2 year limited warranty

CATALOG #	MODEL #	PRODUCT DESCRIPTION	CFM	RPM	MOTOR TYPE
25-118000	18B4W3	MYNFAN 18" HAF FAN 3-SPEED	3815/3225/2810	1725	TEAO

VERSA-KOOL DEEP GUARD CIRCULATION FANS**SCHAEFER**

**Innovative Ventilation and
Thermal Comfort Solutions
Since 1951**

Reduce heat stress and improve air quality with Schaefer's uniquely designed circulation fans. Unrivaled in the market, these fans are engineered to produce greater air movement and superior cooling no matter the application. You don't hear them. You don't see them. You only feel them!

Also known as Horizontal Air Flow (HAF) fans, these fans move air in a coherent horizontal pattern creating a gentle 'racetrack' air pattern needed in greenhouses to maximize heat distribution and humidity control by mixing the air, from ceiling to floor.

Features and Benefits:

- Deep guard design for unmatched performance, low noise levels and safety without sacrificing airflow
- Matched high quality motors and blades for maximum efficiency
- Powder coated steel guards for increased durability and corrosion resistance
- Hot dipped galvanized guards on VK12-GA and VK20-GA models for even greater rust protection
- Powder coated steel mounting bracket and power cord included
- Wide variety of mounting options available for flexible and easy installation
- Variable speed controls available
- Misting kits available for even greater cooling
- 2 year warranty
- Made in the USA



TYPE NBF FANS

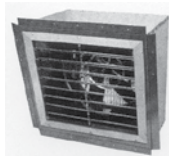
**ECONOMICAL,
PRACTICAL, EFFECTIVE**



American Coolair's Type NBF fan provides the solution to fresh air ventilation in most types of greenhouses. Type NBF fans are built to give you years of heavy-duty trouble-free service. The rugged, belt driven construction operates in any position, has permanently lubricated ball bearings, and is available with single or two speed totally enclosed motors. Coolair has developed a complete ventilation system for greenhouse use combining the Type NBF fan with all aluminum shutters (LRW) and heavy gauge galvanized steel slope wall housing for exterior mounting, allowing a maximum of unobstructed interior space.

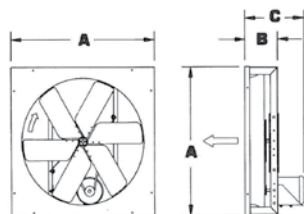
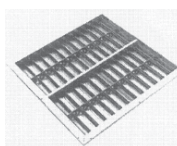
• TYPE SWH (SLOPE) WALL HOUSING

Allows shutter to be placed on intake side of fan and eliminates air turbulence that occurs with shutter on down-wind side of the fan. Prevents warm air from being lost through metal wall housing to outside cold air in cold climate operations. Constructed of galvanized steel for long, durable wear and low maintenance.

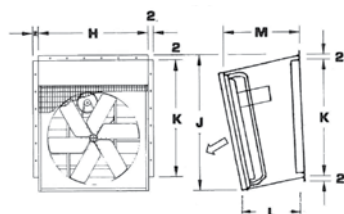


• TYPE LRW SHUTTER (ALL ALUMINUM)

Extruded aluminum frame with interlocking L aluminum blades for maximum weather seal. Double panel shutters constructed with rigid "T" section center member to prevent shutter blades from sticking. Nylon bearings on all movable linkage. Sturdy, extruded aluminum tie-bar is connected exactly on centers of blades, dual-tie bars on double panel units. Gravity or motor operated.



NBF Fan



Sloped Wall Housing



Aluminum Shutter

* For Net Opening
Add 1/2" to I.D.

SWH (SLOPE) WALL HOUSING DIMENSIONS

Model	H	J	K	L	M	Ship Wt.
GSWH24	32 3/8	38 9/16	32 3/8	22 15/16	28	52
GSWH30	38 3/8	43 15/16	38 1/2	22	28	67
GSWH36	44 3/8	50	44 9/16	21 13/16	28 11/16	82
GSWH42	50 3/8	55 7/8	50 5/8	20 1/2	28 3/8	104
GSWH48	56 3/8	62 1/16	56 11/16	21 1/16	29 7/8	122
GSWH54	62 3/8	68 3/16	62 3/4	22 1/2	31 1/4	132

Rough Opening: Add 1/2" to H for width and for 2" wall add 3/4" to K for height, 4" wall add 1 1/4" to K for height, 6" wall add 1 1/2" to K for height

**Contact Your Regional Account Manager
For Current Pricing**

PERFORMANCE DATA - TYPE NBF FAN

All specifications subject to change without notice.

Model	Size	Motor H.P.	Fan RPM	Apx. Ship Wt.	.10" S. P.	
					CFM	BHP*
NBF24G	24" A: 32 B: 10-5/16 C: 17 7/8	1/4	627	70	4755	0.258
NBF24H		1/3	706	73	5490	0.364
NBF24J		1/2	815	79	6550	0.549
NBF24K		3/4	972	93	7970	0.915
NBF30G	30" A: 38 B: 10-5/16 C: 17 7/8	1/4	486	77	6480	0.295
NBF30H		1/3	533	80	7360	0.383
NBF30J		1/2	627	86	9020	0.611
NBF30K		3/4	706	106	10350	0.862
NBF36H	36" A: 44 B: 10-1/16 C: 17 7/8	1/3	419	100	8890	0.399
NBF36J		1/2	474	110	10580	0.572
NBF36K		3/4	541	118	12495	0.839
NBF36L		1	609	120	14360	1.184
NBF42J	42" A: 50 B: 9 7/16 C: 17 1/8	1/2	365	122	11925	0.546
NBF42K		3/4	433	128	14930	0.888
NBF42L		1	474	130	16685	1.157
NBF48J	48" A: 56 B: 10 1/8 C: 17 7/8	1/2	303	146	14300	0.593
NBF48K		3/4	350	152	17650	0.910
NBF48L		1	373	154	19220	1.104
NBFH48L		1	396	154	20800	1.320
NBFA54L	54" A: 62 B: 10 5/8 C: 18 1/4	1	350	280	21360	1.058
NBFA54M		1 1/2	414	296	26475	1.725

TYPE LRW SHUTTER DIMENSIONS

Model	F (O.D.)	G (I.D.)	Ship Wt.
LRW27	30 1/4	27	12
LRW33	36 1/4	33	14
LRW39	42 1/4	39	17
LRW45	48 1/4	45	20
LRW51	54 1/4	51	24
LRW57	60 1/4	57	30

TEMP° ALERT

Wall mount, mechanical temperature sensor to detect if air temperature is too high or too low. Alarm limits are adjustable from -30° to 130° F. Used in conjunction with the Sensaphone or use by itself.



CATALOG #	ITEM #	DESCRIPTION
75-209000	#TA - 1	Temp Alert Temperature Monitor

2.8K WEATHERPROOF TEMPERATURE

Small, sealed, general purpose temp probe for indoor or outdoor use. Comes with 12 feet of wire.



Catalog #	Item #	Description
75-270101	FGD-0101	2.8K Weatherproof Temperature Sensor

SENSAPHONE®

REMOTE MONITORING SOLUTIONS

SENSAPHONE® 400 & 800

Sensaphone 400 & 800 offer an easy, inexpensive way to monitor a remote facility. It can be installed in any indoor environment to monitor temperature, water on the floor, humidity, and much more and it can notify up to four people by making voice phone calls. The 800 has all of the same features as the 400, but it has of eight external inputs.



CATALOG #	ITEM #	DESCRIPTION
75-201400	FGD-0400	Sensaphone 400
75-201800	FGD-0800	Sensaphone 800

TAYLOR

Taylor offers the same accuracy today that we were known for in 1851. Chose from the basics – tube thermometers, or step up to a digital model. All outdoor thermometers are weather resistant and hold up with the ever changing elements.

INDOOR THERMOMETER w/HUMIDITY GAUGE #5535E

9.25" High/White. With Humidity Gauge.



Catalog #	Item #
75-290116	90116

JUMBO WALL THERMOMETER #5109

Easy read Jumbo Scale 14½" in length °F and °C scales.



Catalog #	Item #
75-005101	5109

6712N THERMOMETER WITH HUMIGUIDE

13.25" diameter. Weather resistant. Measures temp/humidity



Catalog #	Item #
75-102362	02362

INDOOR/OUTDOOR THERMOMETER #00880

This thermometer is 16" high and comes in white.



Catalog #	Item #
75-108800	880

INDOOR/OUTDOOR THERMOMETER #00346

5" Diameter Basic White Dial Thermometer.



Catalog #	Item #
75-103460	346

HANDY-TEMP® WALL THERMOMETER #5135

Indoor/outdoor use. Aluminum construction. Won't rust. Inexpensive. Both °F and °C scales. Measures 8-7/8" long.



Catalog #	Item #
75-005135	5135

MAX-MIN THERMOMETER #5460

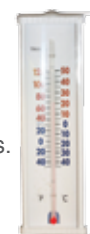
One side shows the minimum temp while the other shows the maximum temp. The limit markers stay at the highest & lowest temp readings until reset. °F and °C scales. 8¾" long.



Catalog #	Item #
75-005460	5460

TEMPRITE® WINDOW THERMOMETER #5316

Attaches w/swing bracket. View at almost any angle. Large easy to read numbers. °F and °C scales. Mounting screws included.



Catalog #	Item #
75-005316	5316

Energy efficient, effective bottom heat uses conventional hot water heaters. Install on or under the bench top or on the floor.

TRUELEAF BENCHWARMER[™] KIT FEATURES:

- **Efficient:** Put the heat where it is needed, at the crop level. Allows lower air temperatures and 20-40% less fuel use.
- **Effective:** Heating the root zone and microclimate increases plant quality and shortens the production cycle.
- **Simple:** Pre-packaged Benchwarmer Kit installs quickly and easily — no special tools needed. One to Five benches up to 1,000 SF — install on top of benches, under benches or on the greenhouse floor.
- **Safe:** Reliable heat without the shocking experience of electric mats.
- **Supported:** 24/7 technical support @ 800.438.4328

BENCHWARMER[™] KIT INCLUDES:

- TrueLeaf BioTherm MicroClimate[™] Tubing
- TrueLeaf BioTherm MicroClimate[™] Headers
- TrueLeaf BioTherm MicroClimate[™] Grabber-Trak
- Air and Water Controls
- Circulator Pump
- Pre-Wired Control with special Soil Sensor
- Thermometers to check supply and return water temperatures
- Installation Manual with extensive drawings
- 24/7 Technical Support
- 10 year limited warranty on bench top materials

Anybody can install it:

We packaged our Benchwarmer kits so they install quickly and easily. We supply all the drawings, we've prewired all of the electrical parts, and if you need help call us at 800-438-4328!

CALL FOR PRICING!
800-468-4011

CONVECTION TUBING

This polyethylene is 4 mil and is protected with strong ultra violet inhibitor. The inhibitor is not tinted in order to retain maximum clarity for light penetration. The plastic also has an additive to increase its strength and clarity. These tubes are manufactured using a formulation specified for the greenhouse environment. Each tube is custom punched to your specifications.

PUNCHING OPTIONS:

Normal punch position is at 8 and 4 o'clock. For heating application, 7 and 5 o'clock should be specified. 9 and 3 o'clock punching provides more lateral air movement. Edge punching can be done when only one row for holes is required. Hole sizes available: 2", 2½", 3". Please specify length of greenhouse for proper punching.

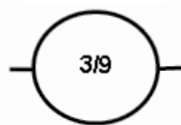
NORMAL USED
UNLESS OTHER
SPECIFIED



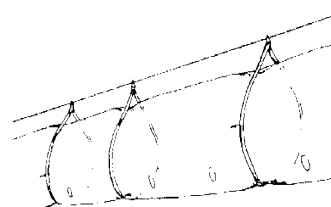
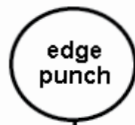
FOR HEATING



FOR MAX
LATERAL
AIRFLOW



FOR
DIRECTIONAL
AIRFLOW



STAGGER PUNCH AND ORDERS OVER 1000' FOB MFG.

CATALOG #	DESCRIPTION	LAY FLAT
21-201200	12" Convection Tubing	19"
21-201800	18" Convection Tubing	29-1/2"
21-202400	24" Convection Tubing	38"
21-203000	30" Convection Tubing	47"

F.O.B.

- **Minimum:** There is a \$25.00 Minimum order on Convection Tubing
- **Unpunched:** Unpunched Tubing is .05¢/LF. Less
- **All orders ship direct.**

A.V LIFETIME BENCHES

A-V frames are stronger, lighter and more durable than wood. The 20,000 psi UV protected, fiberglass material resists weathering and will not rust or decay. Many standard sizes are available, custom sizes by request.



- **Assembly:** Listed benches are shipped UNASSEMBLED. Assembled units are available, call for pricing.
- **Legs:** Benches without legs DO NOT include: Legs, Leg Sockets, or Leg Hardware. Leg bracing is available @ \$18/Bench (recommended where heavy loading may occur).
- **Splice Kits:** Recommended - 18"-54" wide benches (2 kits per seam). Above 54" wide - use 3 kits per seam.
- **Splice Kits** = \$3.25 each

UNASSEMBLED BENCH

Item #	Size	# of Legs
BT24096	2' x 8'	6
BT48096	4' x 8'	6
BT72096	6' x 8'	6
BT96096	8' x 8'	9

A.V. Lifetime Bench is a SPECIAL ORDER item, shipped direct from the factory. Please allow ample time for delivery. F.O.B. VA.

E-ZY STACK DISPLAY BENCH

Add an instant display anywhere with our quick set stackable benches. Sturdy yet elegant design with clear glass-look top, accents your mixed containers, baskets and tie in products for added impulse sales.

E-zy Assembly.

**STACK UP TO
3 TIERS HIGH
FOR HIGH IMPACT EYE
CATCHING COLOR!**

WIDTH X LENGTH
1' x 4'
1' x 6'
2' x 4'
2' x 6'
3' x 4'
3' x 6'
4' x 4'
4' x 6'
Leg Height: 12"



SEASONAL RETAIL GREENHOUSES



Do you have a small space with big sales potential? The Bench-Mart Deluxe offers you a quick and economical way to turn your under-utilized area into a retail focal point. This structure boasts multi-level bench

displays and hanging basket purlins for high-volume merchandising. Other features include bench tops, poly covering, and slide-side panels for improved ventilation.

FEATURES/OPTIONS

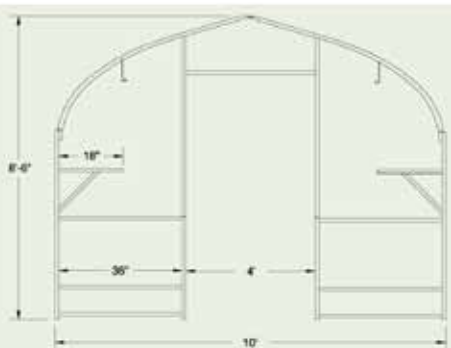
Side Benching Included: Built-in side brackets and standard bench tops ensure quick merchandising

Hanging Basket Purlins: Structure comes with two runs of hanging basket purlins and attractively displays baskets conveniently within your customer's reach

Double Swinging End Door: Your customers will breeze through the wide swinging end doors

Tool-Free Assembly: Allows you to get your structure up and running without getting up and running around for materials

Slide-Side Ventilation: An easy manner to provide climate control and air flow for your customers and plants



SPECIFICATIONS

Width: 10'
Length: 6'-96' (in 6' sections)
Sidewall Height: 5'
Height to Apex: 8'-6"
Frame Spacing: 6'
Door: Double 2'-0" w x 6'-8" high

Cover: Clear or white 6 mil. UVI polyethylene
End Wall Cover: Clear 6 mil. UVI polyethylene
Frame: 1.163" O.D. 17 ga. galvanized steel tubing and 16 ga. galvanized roll-form steel
Ventilation: Slide-Side



Bench Mart Deluxe

Size

10' x 6'

10' x 12'

10' x 18'

10' x 24'

6' add'l sections



Additional End Door:

Add an end door to your structure for improved traffic flow and customer access between garden center areas

\$175 each





TOOL FREE

No tools required for assembly!



\$322 as shown
with optional expanded metal bench tops
and basket purlin

patented



\$390 as shown
with "A" style tower
and canopy



\$260 as
shown FB3001
with purlin

SPECIFICATIONS

Construction: Galvanized steel

Capacity: (27) 1020-style flats per 6-foot section

Optional 25 1/2" high purlin holds (6) 10-inch hanging baskets per 6-foot section

Optional 23 1/2" high standard basket tower holds (18) 10-inch hanging baskets

Optional 28 1/2" high "A"-style basket tower holds (12) 10-inch hanging baskets

Base Dimensions: 72" w x 39" d x 60" h

FENCE-ON-A-STEP BENCH®

PX7001

A little flair, a little style, a lot of versatility, that's what our FB3001 display offers. You'll like how your hanging baskets rest at the right height for customer convenience and how our modular design allows you to add the sections you need to get the length you want. You can also place your units back-to-back and create a high-capacity center aisle. Flexible, stylish, affordable—is that what you had in mind?

PX7001 Fence-On-A-Step Bench

Size

6' Base

12' run*

18' run*

24' run*

add 6'

* Splitting connected runs may require additional components. Call for more information.

OPTIONS

Basket Towers



"A"-style basket tower option shown



expanded metal bench tops and
basket tower shown

Canopies

Choice of red, blue, green or yellow and
white stripe vinyl sold separately from tower



Add \$85
(6' only)



Please specify either standard basket tower or "A"-style basket tower when ordering. FOB Castle Rock, MN

Casters



Set of 4
swivel-locking casters
Add \$80 (6' only)

Powder Coating



Black, Red or
Emerald Green
Color Options

Starts at \$78

Expanded Metal Bench



6' Sections
Add \$62

More Options and Accessories



Take it EZ!

Add our EZ Signs (pg. 37)
to almost any of our displays and
make your product
stand out!

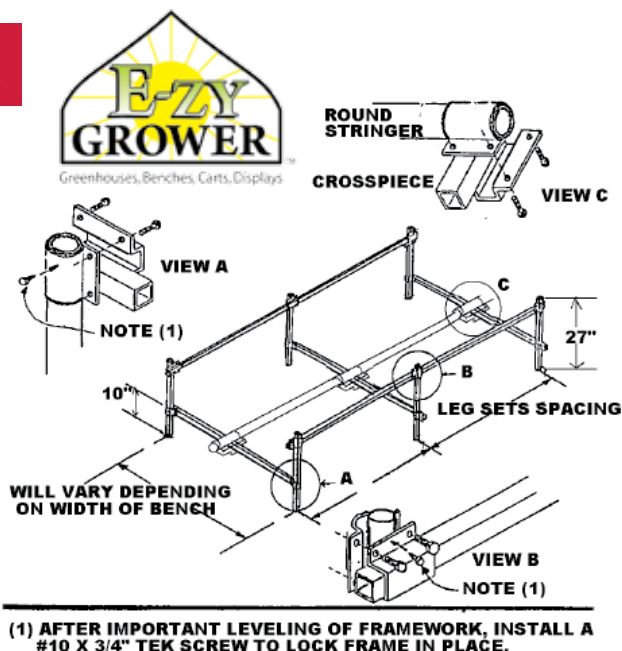
What is a Connected Run?

Beginning with the base model, our patented shared-end support system
easily creates extended, money-saving benching runs.



E-ZY GROWER BENCH FRAME

Adding benches to your house is an effective way to maximize growing area without adding additional structures. The benches can be set in concrete or placed above ground on a solid foundation. Leg sets are made of 14 gauge steel tubing. Bench framing is made of aluminum "F" rail around the perimeter, connected every 2' with a 1" sq. piece of steel tubing or a 1½" aluminum "I" beam depending on the type of "F" rail selected. Hot dip galvanized, 13 gauge expanded metal is used to finish the bench tops. E-z-y Grower benches are made of the best materials available and are designed for easy assembly...



CHOOSE THE **OPTIONS** YOU NEED AND CALL FOR YOUR

CUSTOMIZED QUOTATION TODAY!

- Rolling or Stationary
- Bench width of 3', 4', 5', 5½', 6', or 6½'
- Legs set in concrete or on solid foundation
- Lengths divisible by 6' or 8' are standard, other lengths are considered custom.
- Steel Corner splices or PVC corners.

ADVANTAGES OFFERED OVER THE COMPETITION:

- Bench top cross pieces are 1' x 1' and 1' x 2' 16 gauge steel; not 18 gauge as many.
- We use 1' x 2' rectangular steel where ends of expanded metal join for easier more positive support.
- For retail use we offer optional attractive high density polyethylene rounded corners.
- Rollers are 14 gauge steel 1-3/8" not 16 or 17 gauge that others use or 1-1/4" diameter, which in time becomes egg shaped. Option of using 1-3/8" diameter is offered for extra long benches or benches that are heavily loaded.
- We use round tubing for legs for easier installation.

EXPANDED METAL SHEETS FOR BENCH TOPS



Sizes: 6' or 8' stock lengths in
4', 5', 5.5', 6', 6.5' widths

- **Continuous Air Flow** - Reduces fungus by allowing unrestricted air passage.
- **Extra Long Life** - Hot dip galvanized zinc coating after expansion. This is the best available and will greatly outlast cheaper grades that are galvanized before expansion.
- **Drainage** - 76% open area allows easy drainage.
- **Strong** - 13 gauge allows pots to sit level.
- **No Maintenance** - Soil and water drop right through the bench - eliminating weed, soil, and water accumulation.
- **Light Weight** - 94 lb. per hundred square feet.
- **Low Cost** - You'll find this bench to be more economical than most bench material now used.

Custom Sizes - Call For Quote!

PX7001 FENCE-ON-A-STEP BENCH

A little flair, a little style, a lot of versatility, that's what Poly-Tex's PX7020 display offers. You'll like how your hanging baskets rest at the right height for the customer convenience and how the modular design allows you to add the sections you need to get the length you want. You can also place your units back-to-back and create a high-capacity center aisle. Flexible, stylish, affordable—is that what you had in mind?

SPECIFICATIONS

Construction: Galvanized steel

Capacity: (27) 1020-style flats per 6-foot section

- Optional 27-inch high purlin holds (6) 10-inch hanging baskets per 6-foot section.
- Optional 26-1/4" high stand and basket tower holds (18) 10-inch hanging baskets
- Optional 29-1/2" high "A"-style basket tower holds (12) 10-inch hanging baskets



PX7001 shown with optional "A"-style basket tower



PX7001 shown with optional casters, expanded metal bench tops and basket tower

Please specify either standard basket tower or "A" style basket tower when ordering.
FOB Castle Rock, MN

PX7020 shown with optional expanded metal bench tops and basket purlin



Base Dimensions:
72" W x 39" D x 60" H



patented

PX7001 OPTIONS	
PRODUCT	DESCRIPTION
	EXPANDED METAL BENCH TOPS Sold in 6' lengths
	STANDARD TOWER WITH CANOPY Choice of red (shown), blue, green, or yellow and white stripe vinyl (6-foot only)
	A-TOWER WITH CANOPY Choice of red, blue (shown), green, or yellow and white stripe vinyl (6-foot only)
	CASTERS Available on 6' units

**6' DISPLAY W/
PURLIN**

\$370

w/tower **\$305***
w/expanded bench
add \$62

**12' CONNECTED RUN
W/PURLIN**

\$675

w/tower **\$565***
w/expanded bench
add \$124

**18' CONNECTED RUN
W/PURLIN**

\$980

w/tower **\$825***
w/expanded bench
add \$186

**24' CONNECTED RUN
W/PURLIN**

\$1285

w/tower **\$1,085***
w/expanded bench
add \$248

PX7021 DOUBLE TRI-STEP DISPLAY

See double the blooms and double the profits with Poly-Tex's FB3021 double tri-step display. Featuring the same "stepped" shelf depth (from 36 to 24 to 18 inches), this unit gives you all the visual appeal of our tri-step display... times two, and the patented shared end support connecting system allows you to create aisles of color. You'll appreciate Poly-Tex's tool-free assembly and galvanized steel construction. Choose additional options, like double hanging basket purlins and expanded metal bench tops to optimize your sales capacity.

Added options include two-sided 11" X 7" sign holder, double hanging basket purlins and expanded metal bench tops.

SPECIFICATIONS

- **Construction:** Galvanized steel
- **Capacity:** (48) 1020-style flats per 6-foot section. Optional 48" high double basket purlin holds (24) 10-inch hanging baskets



Base Dimensions:
73" W x 78" D x 44" H

PX7021 OPTIONS		
PRODUCT	DESCRIPTION	PRICE
	EXPANDED METAL BENCH TOPS Sold in 6' lengths	ADD \$130 per 6' section

PRODUCT OPTIONS

6' Display	12' Connected Run	18' Connected Run	24' Connected Run
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SNAP & GROW 8'x8' GREENHOUSE

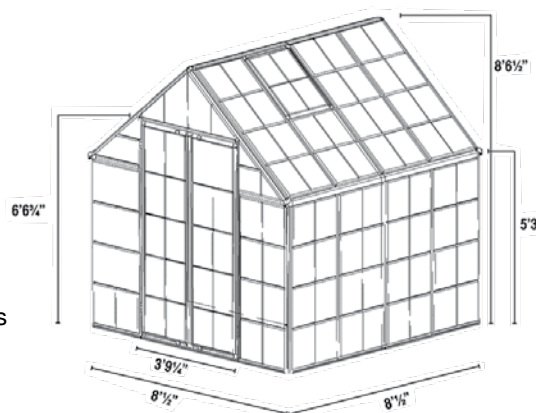


- **Corrosion Resistant Frame:** Heavy-duty aluminum frame withstands both the elements and moist greenhouse conditions.
- **Strength and Clarity:** SnapGlass polycarbonate panels are virtually unbreakable, and they are as crystal clear as glass.
- **Quick Assembly:** Set-up requires minimal tools and only takes about a day.
- **Adjustable Ventilation:** With the preassembled roof vent and the unique double door, your plants will receive excellent air circulation.
- **Anchoring Clips:** Allows you to simply affix your greenhouse to a wood or concrete foundation. (Anchor bolts not included.)

SPECIFICATIONS:

- **Width:** 8' 1/2"
- **Length:** 8' 1/2"
- **Sidewall height:** 5' 3"
- **Height to apex:** 8' 6 1/2"
- **Frame Spacing:** 8'
- **Cover:** Clear, single layer SnapGlas polycarbonate panels
- **Frame:** Aluminum with rigid polypropylene SmartLock connectors
- **Ventilation:** (1) adjustable roof vent

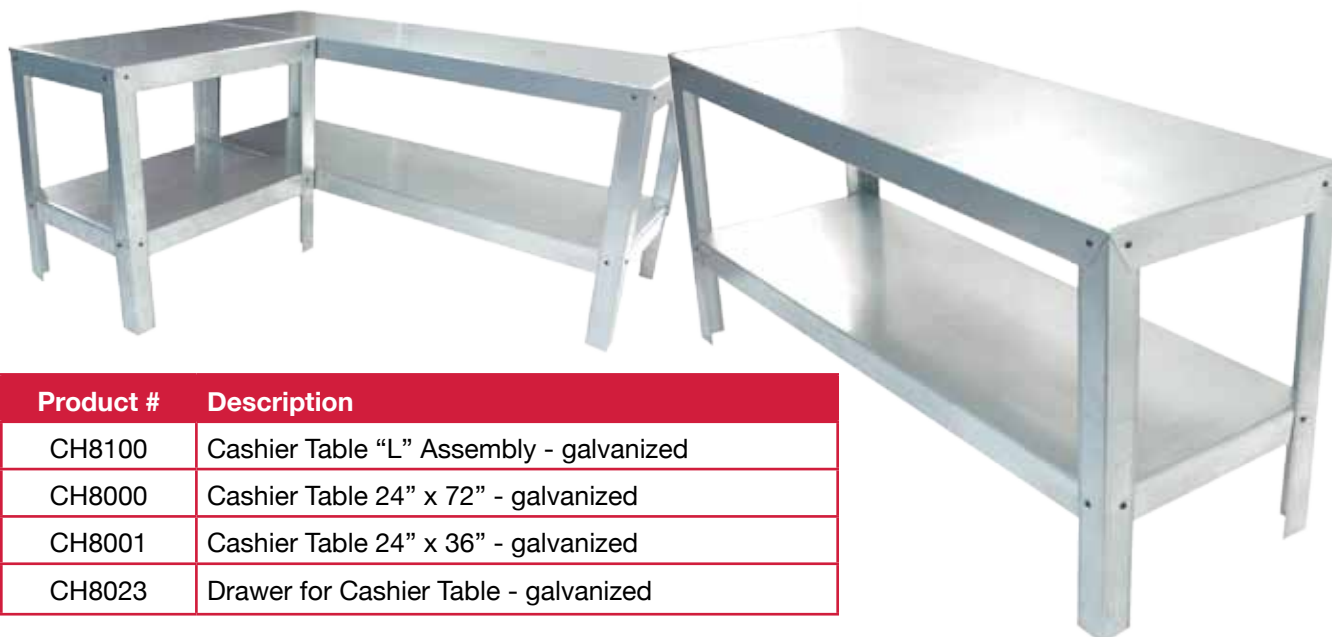
FREE SHIPPING ON SNAP & GROW ORDERS SHIPPED WITHIN THE CONTIGUOUS UNITED STATES!



CALL FOR QUOTE!

CASHIER TABLES

Our new cashier tables are constructed from heavy-duty 18 ga. galvanized steel for sleek styling and easy cleanup. These strong, attractive tables feature simple assembly and can be bolted together in different configurations to fit your needs.



Product #	Description
CH8100	Cashier Table "L" Assembly - galvanized
CH8000	Cashier Table 24" x 72" - galvanized
CH8001	Cashier Table 24" x 36" - galvanized
CH8023	Drawer for Cashier Table - galvanized



BT 3001

TOWER DISPLAY

The new Tower Display can serve a multitude of purposes and has many configurations to fit your needs and space.

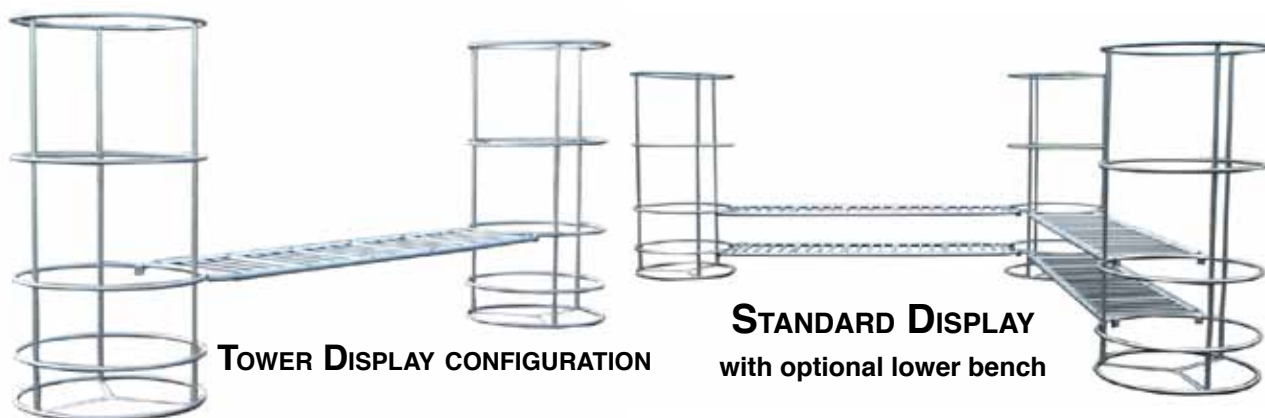
This display was created to give you more space for hanging items like baskets, chimes and birding items that you want to sell alongside related merchandise like flats, bird seed or other shelf products. Perfect as an island or aisle to incorporate vertical merchandising!

SPECIFICATIONS

Construction: Galvanized steel

Base Dimensions: 17'-10"w x 46"d x 90 "h

Capacity: (36) 10-inch hanging baskets



TOWER DISPLAY CONFIGURATION

STANDARD DISPLAY
with optional lower bench

TOWER DISPLAY

Part#

Tower Price

Benching Section

BT3001

\$239

\$220

Configurations may require additional components. Call for more information.

2 & 3-TIER DISPLAYS



PX7030 & PX 7032

Set it up with our tiered units featuring a narrower profile for tight spaces also and sidewalk displays. Our expanded metal bench tops come standard with both the FB3030 and the FB3032. You can choose from many other options to get these displays looking just the way you want them, including casters, power coated colors, sign holders or cross merchandisers. Add additional lower rear benches to either model and you'll be able to display up to 15 flats with the 2-tier display or 27 flats on the 3 tier display. More merchandise in a smaller amount of space? Check!

PX7032-CP Single unit w/Casters + Purlin

SPECIFICATIONS
Construction: Galvanized steel
Capacity: (21) 1020-style flats
per 6-foot section
Base Dimensions: 73.25" w x
40.5" d x 44.5" h



**PX7032 SINGLE UNIT
W/EXPANDED METAL (STANDARD)**



**PX7030-CS SINGLE UNIT
W/CASTERS + SIGN HOLDER**

PX7030-CP Single unit w/Casters + Purlin

SPECIFICATIONS
Construction: Galvanized steel
Capacity: (12) 1020-style flats
per 6-foot section
Base Dimensions: 73.25" w x
27.5" d x 30" h



FABRICATION



Our standard powder coating material creates a high quality finish that's sure to get attention. This oven cured, U.V. stabilized material is great for either indoor or outdoor use. Use color to create product buzz, call attention to promotional areas or coordinate with your current décor.



Tool-free assembly as always and now fewer parts. That means you need less space to store displays seasonally and fewer misplaced parts when it's time for set-up.



The new 1 1/4" square, steel tube frames are stronger to support greater loads.

PX7030 CONFIGURATIONS

Part #	Description
PX7030	Single unit w/expanded metal (standard)
PX7030-CP	Single unit w/Casters + Purlin
PX7030-CS	Single unit w/Casters + Sign Holder
PX7030-XT6	6' Extension for Single 6' Unit
PX7030-XT6P	6' Extension for 6" Unit w/ Purlin
PX7030-XT6S	6' Extension for Single 6' Unit + Sign Holder

*Splitting connected runs may require additional components. Call for more information.

PX7032 Configurations

Part #	Description
PX7032	Single unit w/expanded metal (standard)
PX7032-CP	Single unit w/Casters + Purlin
PX7032-CS	Single unit w/Casters + Sign Holder
PX7032-XT6	6' Extension for Single 6' Unit
PX7032-XT6P	6' Extension for 6" Unit w/ Purlin
PX7032-XT6S	6' Extension for Single 6' Unit + Sign Holder

*Splitting connected runs may require additional components. Call for more information.

TREE DISPLAY



The new Tree Display is your helping hand if you sell potted trees. Retainer arms hold the trunk securely to prevent blown-over trees, broken limbs and leaf loss. Adjustable arms in two sizes accommodate a variety of tree and pot sizes to match your product mix. Orange flip gates allow easy access for your customers and quick re-stocking for you. Options include a sign holder and extension kits to create a connected run.

SPECIFICATIONS

Construction: Galvanized steel

Capacity:

TR3020 – 8 trees,

TR3030 – 16 trees,

Base Dimensions: 4' 5" x 10'



TREE DISPLAY		
Part#	Description	Includes
TR3020	Tree Display Single	(2) Ends (1) Support Beam (4) 26" Retainer Arms (4) 16" Retainer Arms and Hardware
TR3021	Tree Display Adder Single	(1) End (1) Support Beam (4) 26" Retainer Arms (4) 16" Retainer Arms and Hardware
TR3042	Tree Display Double - 42"	(2) Ends (1) Center Beam (6) 42" Retainer Arms and Hardware
TR3030	Tree Display Double - 30"	(2) Ends (1) Center Beam (8) 30" Retainer Arms and Hardware
TR3043	Tree Display Extension - 42"	(1) End (1) Center Beam (6) 42" Retainer Arms and Hardware
TR3031	Tree Display Extension - 30"	(1) End (1) Center Beam (8) 30" Retainer Arms and Hardware
TR3041	Tree Display Sign	11" x 7" with Retaining Clip

E-ZY MINI BASKET ARBOR



The Mini Basket Arbor is designed to be an extra sales tool - compact enough to place almost anywhere, yet holding enough product to have real sales impact! It holds 42 full 10" hanging baskets and assembles with wing nuts.



WREATH DISPLAY OPTION:

Use our Mini Arbor year 'round with this option. Beautifully displayed wreaths at your customer's eye level for easy reach. Holds one of the following:

- (80) 12" wreaths
- (48) 24" wreaths
- (16) 36" wreaths

CASTER OPTION:

Make it an E-zy to roll, portable display unit. Load it up and wheel it at the front of your retail sight for roadside display. At closing time, just wheel inside! Includes: 4 heavy-duty 5" polyolefin casters.

CATALOG #	DESCRIPTION
11-102031	Arbor ONLY (3.5' W x 6' L x 7' H)

E-ZY BASKET ARBOR

Our basket arbors are built to last and designed to make you a profit immediately! Now you can display all your hanging baskets in one attractive, money-making area without the hassle and expense of trying to build your own display. These units are designed for quick and easy assembly on almost any surface. Put one up and watch those baskets SELL, SELL, SELL!

SPECIFICATION

- Bows: 1.315 14-gauge steel tubing.
- Purlins: 1.315 17-gauge steel tubing
- Arbor height at peak: 8'.
- Swedged bow slides easily into center piece and is fastened with a 1/4" x 2" carriage bolt and nut.



**Displays between 50-150
10" hanging baskets!**

Catalog #	Description
11-100091	9½' x 8' E-zy Basket Arbor w/ 2 bows & 8 Purlins
11-100092	9½' x 12' E-zy Basket Arbor w/ 3 Bows & 8 Purlins
11-100093	9½' x 20' E-zy Basket Arbor w/ 3 Bows & 8 Purlins
11-101990	8' Arbor Add-On w/ 1Bow & 8 Swedged Purlins
11-101990	12' Arbor Add-On w/ 1Bow & 8 Swedged Purlins
11-101990	12' Arbor Add-On w/ 2 Bows & 8 Swedged Purlins

THE NEWEST WAY TO DISPLAY YOUR HANGING BASKETS!



**BASKETS GET SEEN AND
SOLD WHEN DISPLAYED
ON OUR E-ZY BASKET
CURVE DISPLAY!**

The all steel construction of our 12' Starter Unit assembles easily to generously display 36 or more full-bloom spreading baskets with enough spacing to avoid damage. The continuous curve of color will WOW your customers and your basket sales!

Really knock their socks off with two E-ZY Basket Displays loaded on either side of your entrance or for impulse buys at the check out!

Catalog #	Description
11-159120	E-ZY Basket Curve 12' Starter Unit
14-644288	Banner Bar
93-032500	Custom Banner to fit Banner Bar (30" x 120")



*Shown with 30" x
120" Custom Banner.*



CARTS



Our durable metal and polypropylene garden carts are just what you have been looking for to transport all your gardening needs. Designed for durability and manufactured in Canada, these carts are sure to satisfy.

**800#
THE WEIGHT
CAPACITY!**



3548
Plastic Green Wagon
(20" x 38" deck)

**800#
THE WEIGHT
CAPACITY!**



20x38W
Small Metal
Green Cart
(20" x 38" deck)



3562
Poly Green Double Deck
Push Cart
(20" x 38" deck)

**800#
THE WEIGHT
CAPACITY!**



3910-G
Green Poly
Crate Wagon
(30" x 46" deck)



4WGC-D
4-Wheel Double Deck Push
Cart (24" x 48" deck)

- **Pneumatic tires for a smooth even ride**
- **Auto type, anti-tip steering to prevents spills**
- **Long Easy-Grip metal handle to save your heels**
- **All metal parts are powder coated for long life**
- **Upgrade to flat free tires for \$25.00 per cart**

CATALOG #	ITEM #	DESCRIPTION
35-901001	3548	Plastic Green Wagon (20" x 38" deck)
35-902101	20x38W	Small Metal Green Cart (20" x 38" deck)
35-901101	3562	Poly Green Double Deck Push Cart (20" x 38" deck)
35-904010	3910-G	Poly Crate Wagon - Green (30" x 46" deck)
35-903131	4WGC-D	4-Wheel Double Deck Push Cart w/ 16" Pneumatic Tires (24" x 48" deck)
Carts come with standard pneumatic tires. UPGRADE TO FLAT FREE TIRES FOR AN ADDITIONAL \$25/CART		

FLAT-FREE TIRES

MARATHON
INDUSTRIES

"Our flat-free tires go the distance!"

For Carts, Hand Trucks, Sprayers, Wheelbarrows, etc.

If you know the hassle of a flat tire, then you need our new Flat-Free Tire. These tires are Maintenance Free and mounted on heavy-duty steel rims with shielded ball bearings. You'll never have to add air or fix a flat.



Flat-Free Tires are made of amazing micro-cellular polyurethane foam which is comprised of trillions of tiny air pockets - eliminating flats, while creating the bounce and load handling characteristics of conventional air filled tires. Polyurethane, unlike rubber, is not affected by damaging UV sun rays.

Outer Skin

The non-marking tough outer skin is more than twice as strong as rubber. It is also abrasion, chemical and ozone resistant.

Performance

Flat-Free Tires look and feel like air filled tires. They are designed to mimic air filled tires. Best of all they never go flat and they are more than two times stronger than rubber tires.

Capacity

Same as pneumatics

Durability

Outer skin is tougher than pneumatics

Performance

Designed to perform just like a pneumatic tire with the benefit of **NO FLATS!**

How Much Do Flats Really Cost?

Cost per flat tire: \$30.00

(labor, parts, downtime, etc.)

Number of flats per year: 4

(average varies by region)

Total Cost: \$120.00 (pneumatic tires)

CATALOG #	TIRE DIAMETER/ DESCRIPTION	BOOT	BEARING SIZE	TIRE MODEL #
35-810800	16" Flat Free Rib	00005	5/8" C-hub-4"	4.80/4.00-8
35-810801	16" Flat Free Rib	00061	3/4" C-hub-4"	4.80/4.00-8
35-830800	16" Flat Free Knob	00047	5/8" C-hub-6"	4.80/4.00-8
35-820810	10.5" Flat Free Saw Tooth	00010	5/8" O/S-hub-2.25"	4.10/3.50-4
35-820820	10.5" Flat Free Saw Tooth	00011	3/4" O/S-hub-2.25"	4.10/3.50-4
35-820814	10.5" Flat Free Saw Tooth	00014	5/8" O/S-hub-4"	4.10/3.50-4
35-820830	10.5" Flat Free Saw Tooth	00020	5/8" C-hub-3"	4.10/3.50-4
35-840850	8.5" Flat Free Jag	00026	1/2" C-hub-3"	2.80/2.50-4
35-840860	8.5" Flat Free Jag Swivel	00316	N/A	2.80/2.50-4
35-840861	8.5" Flat Free Jag Rigid	00315	N/A	2.80/2.50-4

EASY GROWER GREENHOUSE

**E-zy Roll Tube
Side Vents**

**35 lb.
Snow Load!**

- With sturdy 1.66" 14-gauge bows on 1.9" 13-gauge ground posts
- Peak height of 13'8"
- Ample Side Wall height of 8'1" (3' in from side)

EXCELLENT FOR GROWING AND RETAILING

NOTE:

Baseboard, wiring, and heater stack not included in this package.

OPTIONAL:

Greenhouse ground cover and benching available.



**GOOD THINGS MAY COME IN SMALL PACKAGES,
BUT GREAT THINGS COME IN **THE WORKS!****

30' x 96' THE WORKS Greenhouse	
1	30' x 96' Gothic Midwall Greenhouse Frame, 4' bow spacing 3-purlins
1	Crossbrace Assemblies every other bow
2	4-Year Clear Poly 48' x 100' Sheet (For Double Layer)
1	Inflation Fan 180cfm w/ wiring kit
1	Poly Lock - Universal Spring Lock & Double Quick Lock
2	96' Long E-ZY Roll-Up Side Vents
2*	PDP250A Modine Heaters 115V. Standing Pilot (*specify natural gas or propane heater)
2	In-Line Single Stage Thermostats
4	20" E-ZY Breeze Circulating Fans
2	End Wall Kits with Steel Frame & Twin Wall Polycarbonate
1	4' x 8' Sliding Polycarbonate Door
2	36" Exhaust Fan Assembly Two Speed 115V. 1HP
2	57" Inlet Shutter with Motor 115V.
2	In-Line Two Stage Thermostat
Call for THE WORKS Final Price	

30' x 48' THE WORKS Greenhouse	
1	30' x 48' Gothic Midwall Greenhouse Frame, 4' bow spacing 3-purlins
1	Crossbrace Assemblies every other bow
2	4-Year Clear Poly 48' x 100' Sheet (For Double Layer)
1	Inflation Fan 60cfm w/ wiring kit
1	Poly Lock - Universal Spring Lock & Double Quick Lock
2	48' Long E-ZY Roll-Up Side Vents
1*	PDP250A Modine Heaters 115V. Standing Pilot (*specify natural gas or propane heater)
1	In-Line Single Stage Thermostats
2	20" E-ZY Breeze Circulating Fans
2	End Wall Kits with Steel Frame & Twin Wall Polycarbonate
1	4' x 8' Sliding Polycarbonate Door
1	42" Exhaust Fan Assembly Two Speed 115V. 1HP
1	39" Inlet Shutter with Motor 115V.
1	In-Line Two Stage Thermostat
Call for THE WORKS Final Price	

30' E-ZY GROWER GOTHIC GREENHOUSE

30' Gothic Specifications:

Bows:

1.66, 14 gauge Gatorshield® tubing

Purlins:

1.315, 18 gauge Gatorshield® tubing

30' Standard-Wall:

- Height At Peak: 12'0"
- Height 3' from Side: 6'3"
- Groundpost: 36" (4" above ground)
- Poly Width: 42'

30' Mid-Wall:

- Height At Peak: 13'8"
- Height 3' from Side: 8'1"
- Groundpost: 54" (26" above ground)
- Poly Width: 48'

30' Hi-Wall:

- Height At Peak: 15'10"
- Height 3' from Side: 10'4"
- Groundpost: 84" (54" above ground)
- Poly Width: 50'

Common lengths are priced below.



Our 30' E-zy Grower Gothic Greenhouse is ENGINEER CERTIFIED to support snow loads of 35 lbs/square foot. *(certified for continuously heated greenhouse with bows 4' o.c. and crossbraces every 8').*

What does that mean?

It means that this is one tough greenhouse. It's designed to take the nastiest northern weather that Mother Nature has to offer. Wind, rain and snow are no match for this house. The secret is the slope of the bows, heavy wet snow can topple a regular greenhouse, but snow just can't cling to ours, it slides right off!

STANDARD-WALL FRAMES	FRAME	Wire Polylock Package	Crossbrace Package (every 8 feet)	Endwall Frame (one end) EACH
30' x 48' Frame - 4' bow spacing; 3 purlins	<p>Contact your regional account manager custom quote or call 1.800.468.4011 for details on a special quote</p>			
30' x 48' Frame - 4' bow spacing; 5 purlins				
30' x 96' Frame - 4' bow spacing; 3 purlins				
30' x 96' Frame - 4' bow spacing; 5 purlins				
30' x 144' Frame - 4' bow spacing; 3 purlins				
30' x 144' Frame - 4' bow spacing; 5 purlins				
MID-WALL FRAMES	FRAME	Wire Polylock Package	Crossbrace Package (every 8 feet)	Endwall Frame (one end) EACH
30' x 48' Frame - 4' bow spacing; 3 purlins	<p>Contact your regional account manager custom quote or call 1.800.468.4011 for details on a special quote</p>			
30' x 48' Frame - 4' bow spacing; 5 purlins				
30' x 96' Frame - 4' bow spacing; 3 purlins				
30' x 96' Frame - 4' bow spacing; 5 purlins				
30' x 144' Frame - 4' bow spacing; 3 purlins				
30' x 144' Frame - 4' bow spacing; 5 purlins				

NEED A DIFFERENT LENGTH?

Call us to quote your CUSTOM length!

21' & 24' E-ZY GROWER GOTHIC GREENHOUSE

21' Gothic Specifications:

Bows: 1.315, 14 gauge
Gatorshield® tubing

Purlins: 1.315, 18 gauge
Gatorshield® tubing

21' Standard-Wall:

- Height At Peak: 10'3"
- Height 3' from Side: 5'11"
- Groundpost: 36"
(4" above ground)
- Poly Width: 32'

21' Mid-Wall:

- Height At Peak: 11'9"
- Height 3' from Side: 7'5"
- Groundpost: 54"
(26" above ground)
- Poly Width: 36'

24' Gothic Specifications:

Bows: 1.315, 14 gauge
Gatorshield® tubing

Purlins: 1.315, 18 gauge
Gatorshield® tubing

24' Standard-Wall:

- Height At Peak: 12'0"
- Height 3' from Side: 6'3"
- Groundpost: 36"
(4" above ground)
- Poly Width: 36'

24' Mid-Wall:

- Height At Peak: 13'8"
- Height 3' from Side: 7'6"
- Groundpost: 54"
(26" above ground)
- Poly Width: 40'



STANDARD-WALL FRAMES	Frame	Wire Polylock Package	Crossbrace Package (every 8 feet)	Endwall Frame (one end) EACH
21' x 48' Frame - 4' bow spacing; 1 purlins	Contact your regional account manager custom quote or call 1.800.468.4011 for details on a special quote			
21' x 48' Frame - 4' bow spacing; 3 purlins				
21' x 96' Frame - 4' bow spacing; 1 purlins				
21' x 96' Frame - 4' bow spacing; 3 purlins				
24' x 48' Frame - 4' bow spacing; 1 purlins				
24' x 48' Frame - 4' bow spacing; 3 purlins				
24' x 96' Frame - 4' bow spacing; 1 purlins				
24' x 96' Frame - 4' bow spacing; 3 purlins				
MID-WALL FRAMES	Frame	Wire Polylock Package	Crossbrace Package (every 8 feet)	Endwall Frame (one end) EACH
21' x 48' Frame - 4' bow spacing; 1 purlins	Contact your regional account manager custom quote or call 1.800.468.4011 for details on a special quote			
21' x 48' Frame - 4' bow spacing; 3 purlins				
21' x 96' Frame - 4' bow spacing; 1 purlins				
21' x 96' Frame - 4' bow spacing; 3 purlins				
24' x 48' Frame - 4' bow spacing; 1 purlins				
24' x 48' Frame - 4' bow spacing; 3 purlins				
24' x 96' Frame - 4' bow spacing; 1 purlins				
24' x 96' Frame - 4' bow spacing; 3 purlins				

NEED A DIFFERENT LENGTH?

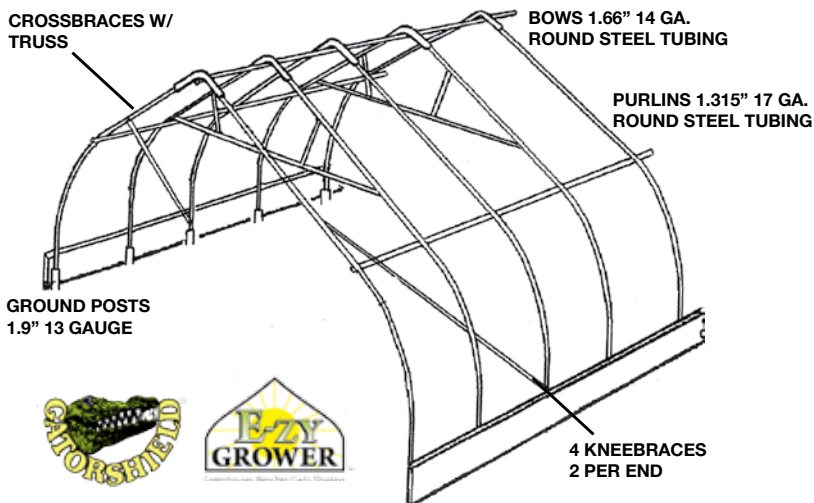
Call us to quote your CUSTOM length!

E-ZY GROWER STRUCTURES GOTHIC ARCH STYLE

Our E-zy Grower Gothic Arch greenhouse frames are designed to shed heavy wet snows better than any other design. Manufactured from Allied Gatorshield® steel tubing, our frames are built tough to withstand harsh winter weather. Available in three widths; 21', 24', and 30'. All three widths use a standard size of poly covering, which eliminates the annoying task of special ordering poly! Our basic frame package includes bows, ground posts, purlin, kneebraces, hardware, clamps, & instructions. And, as always, custom lengths are not a problem. Simply call our Sales Team for your specialized quote today.

Other items you may need to consider for your new greenhouse structure:

- Polyethylene or Polycarbonate covering
- Inflation Blower
- Horizontal Air Flow (HAF) Fans
- Exhaust Fans and Shutter
- Heaters
- Thermostats
- Ground Covering
- Benches



GREENHOUSE PACKAGE ADDITIONS (OPTIONAL):

Call us for a Quick Quote on greenhouse frames or optional packages.

We have many packages for you to choose from. Mix & match or let our sales team help you decide. Don't spend your valuable time trying to figure out which parts you need....

Simply choose a structure size and pick the packages!

CROSSBRACE PACKAGE:

Crossbraces are designed to add extra support to the structure. Steel crossbars are attached with clamps to short truss pieces and hung near the peak of structure at least every other bow. We highly recommend this option especially on any structure that is exposed to adverse weather conditions.

POLY ROLLUP SIDE VENTS:

A natural, eco-friendly means of ventilating the greenhouse. Poly is secured onto round steel tubing which rolls up and down guide posts by a gear box at one end and guiding box at the opposite end. We offer specific options within this package to meet your individual operating needs.

SLIDING DOOR PACKAGE:

Sold complete or a la carte. Frame is all steel construction which supports aluminum extrusions that secure 8mm polycarbonate. Doors hang from sturdy track, trolley and hardware supplied.

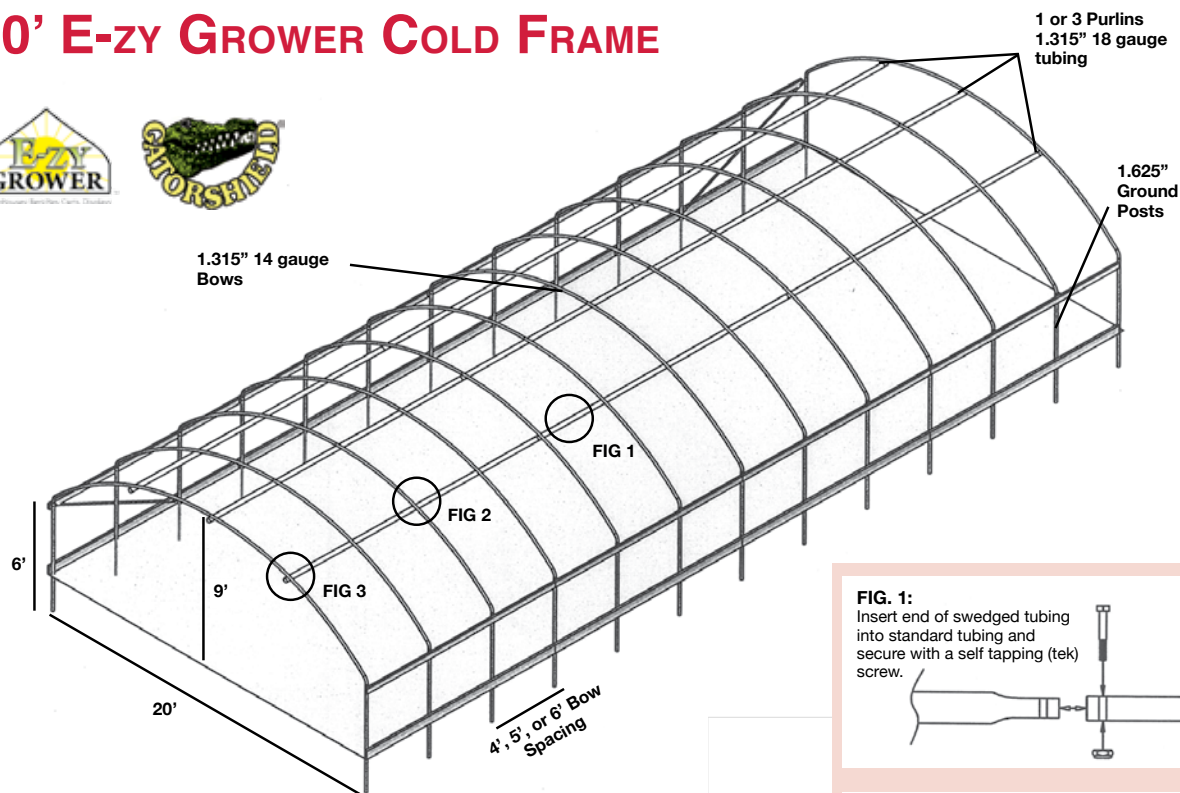
ENDWALL PACKAGE:

This package can be tailored to your needs. Order the endwall frame only, complete with all the steel and hardware for the gable end. Or you may add poly or rigid 8mm polycarbonate for a permanent clear gable end.

POLY LOCK PACKAGE:

Package includes enough aluminum Poly Spring Lock and Wire Insert to secure poly to base boards at both sides of structure and enough Universal Spring Lock and Wire Inserts to secure poly at both end bows.

20' E-ZY GROWER COLD FRAME



20' Cold Frame Specifications:

Bows: 1.315, 14 gauge Gatorshield® tubing

Purlins: 1.315, 18 gauge Gatorshield® tubing

20' Standard-Wall:

- Height At Peak: 9'0", Height 3' from Side: 6'0"
- Groundpost: 72" (48" above ground)
- Poly Width: 32' ground to ground, 24' eave to eave

Features:

- Superior structure construction, fast & easy installation
- Easily customized to meet your individual needs
- 4', 5' or 6' bow spacing, 1 or 3 purlin

FIG. 1:

Insert end of swaged tubing into standard tubing and secure with a self tapping (tek) screw.

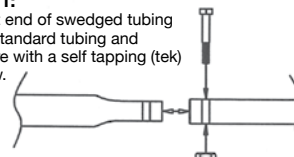


FIG. 2:

Twisted purlin clamps are used to easily attach the purlin to the bows. No drilling is needed.

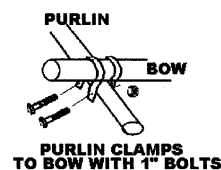
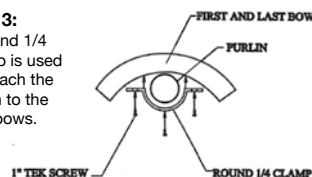


FIG. 3:

A round 1/4 clamp is used to attach the purlin to the end bows.



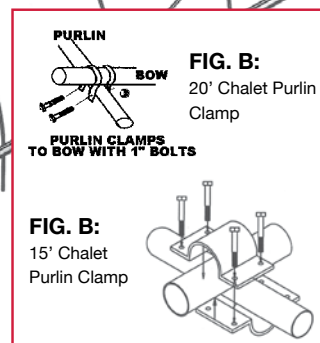
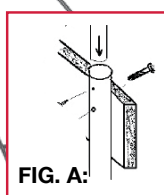
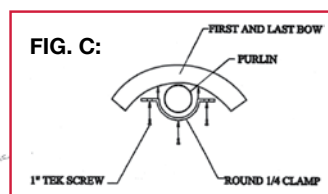
STANDARD-WALL FRAMES	Frame	Wire Polylock Package	Endwall Frame(one end) EACH
20' x 48' Frame - 4' bow spacing; 1 purlin	Call for Pricing		
20' x 48' Frame - 4' bow spacing; 3 purlins			
20' x 96' Frame - 4' bow spacing; 1 purlin			
20' x 96' Frame - 4' bow spacing; 3 purlins			
20' x 144' Frame - 4' bow spacing; 1 purlin			
20' x 144' Frame - 4' bow spacing; 3 purlins			

NOTE: FOR BETTER RIGIDITY, WE RECOMMEND A MINIMUM 4' SPACING BETWEEN BOWS.
WE WILL QUOTE OTHER SPACING OPTIONS AT CUSTOMER'S REQUEST.

NEED A DIFFERENT LENGTH?

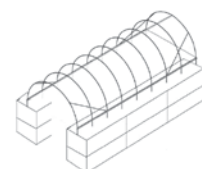
Call us to quote your **CUSTOM** length!

15' & 20'' E-ZY GROWER WINTER CHALET



E-zy Cover Topsoil, Mulch and Salt Bin

Chalet w/ Concrete Blocks.
Call for info & pricing.



The E-zy Grower Winter Chalet is designed to protect your valuable nursery stock, perennials, roses, bedding plants and more from snow loads, strong winds and other bad weather. The E-zy Grower Winter Chalet is well engineered for long term economic overwintering, storage and growing space. The 15' Winter Chalet bow is made of a single piece of curved steel. While the 20' Winter Chalet bow uses two pieces of curved steel, one side swedged to fit into the other.

15' Winter Chalet Specs:

Bows: 1", 14 gauge tubing

Purlins: 1.315, 18 ga tubing

- Height At Peak: 7'3"
- Height 3' from Side: 5'9"
- Groundpost: 24"
- (2" above ground)
- Poly Width: 24'

20' Winter Chalet Specs:

Bows: 1.315", 14 ga tubing

Purlins: 1.315, 18 ga tubing

- Height At Peak: 10'0"
- Height 3' from Side: 8'0"
- Groundpost: 36"
- (2" above ground)
- Poly Width: 32'

15' WINTER CHALET FRAMES	Frame	Wire Polylock Package	Endwall Frame(one end) EACH
15' x 48' Frame - 4' bow spacing; 1 purlins		Call for Pricing	
15' x 96' Frame - 4' bow spacing; 1 purlins			
15' x 144' Frame - 4' bow spacing; 1 purlins			
15' x 192' Frame - 4' bow spacing; 1 purlins			
20' WINTER CHALET FRAMES	Frame	Wire Polylock Package	Endwall Frame(one end) EACH
20' x 48' Frame - 4' bow spacing; 1 purlins		Call for Pricing	
20' x 96' Frame - 4' bow spacing; 1 purlins			
20' x 144' Frame - 4' bow spacing; 1 purlins			

NEED A DIFFERENT LENGTH?

Call us to quote your **CUSTOM** length!

CALL 800.468.4011 FOR A QUOTE!



GUTTER CONNECTED STRUCTURES

- SUPERIOR STRENGTH SQUARE TUBE DESIGN
- GOTHIC ARCH PROFILE



- THE ECONOMICAL ALTERNATIVE
- SIMPLE INSTALLATION



WINDJAMMER SERIES 6000



Gutter connected performance
at cold frame prices

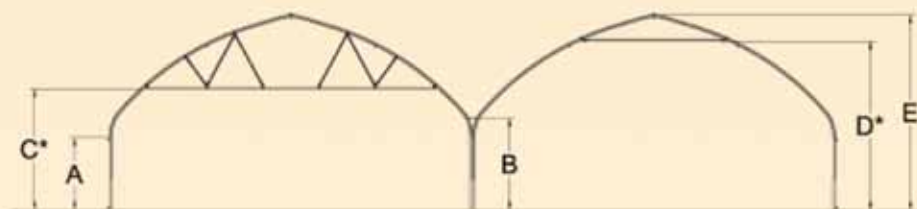


SQUARE tube ground stakes & bows



Large easy to walk in gutters

SPECIFICATIONS



7'-4" SIDEWALL (A)
8'-8" UNDER GUTTER (B)

width	C	D	E
16'	n/a	n/a	11'-10"
20'	n/a	11'-4"	12'-10"
24'	9'-9"	12'-4"	14'-4"
30'	11'-5"	15'-4"	17'-4"
35'	11'-3"	16'-4"	19'-4"

8'-4" SIDEWALL (A)
9'-8" UNDER GUTTER (B)

width	C	D	E
16'	n/a	n/a	12'-10"
20'	n/a	12'-4"	13'-10"
24'	10'-9"	13'-4"	15'-4"
30'	12'-5"	16'-4"	18'-4"
35'	12'-3"	17'-4"	20'-4"

9'-4" SIDEWALL (A)
10'-8" UNDER GUTTER (B)

width	C	D	E
16'	n/a	n/a	13'-10"
20'	n/a	13'-4"	14'-10"
24'	11'-9"	14'-4"	16'-4"
30'	13'-5"	17'-4"	19'-4"
35'	13'-3"	18'-4"	21'-4"

C* Optional cross bar and "W" style truss D* Standard cross bar Custom Sidewall heights available

ACCESSORIES AND EQUIPMENT

ROLL-UP/DROP DOWN CURTAINS • EXHAUST FANS • INLET LOUVERED VENTS •
HEATING SYSTEMS • DOORS • EVAPORATIVE COOLING SYSTEMS • CIRCULATION FANS • ENVIRONMENTAL
CONTROLS • BENCHES • IRRIGATION PACKAGES • RACK AND PINION RIDGE VENTS



CALL 800.468.4011 FOR A QUOTE!

TRAC-RITE® Doors

**MINIMAL LEAD TIME
CALL US FOR A QUOTE
TODAY!**

**SO EASY TO INSTALL,
WE INSTALLED ONE AT
OUR WAREHOUSE!**

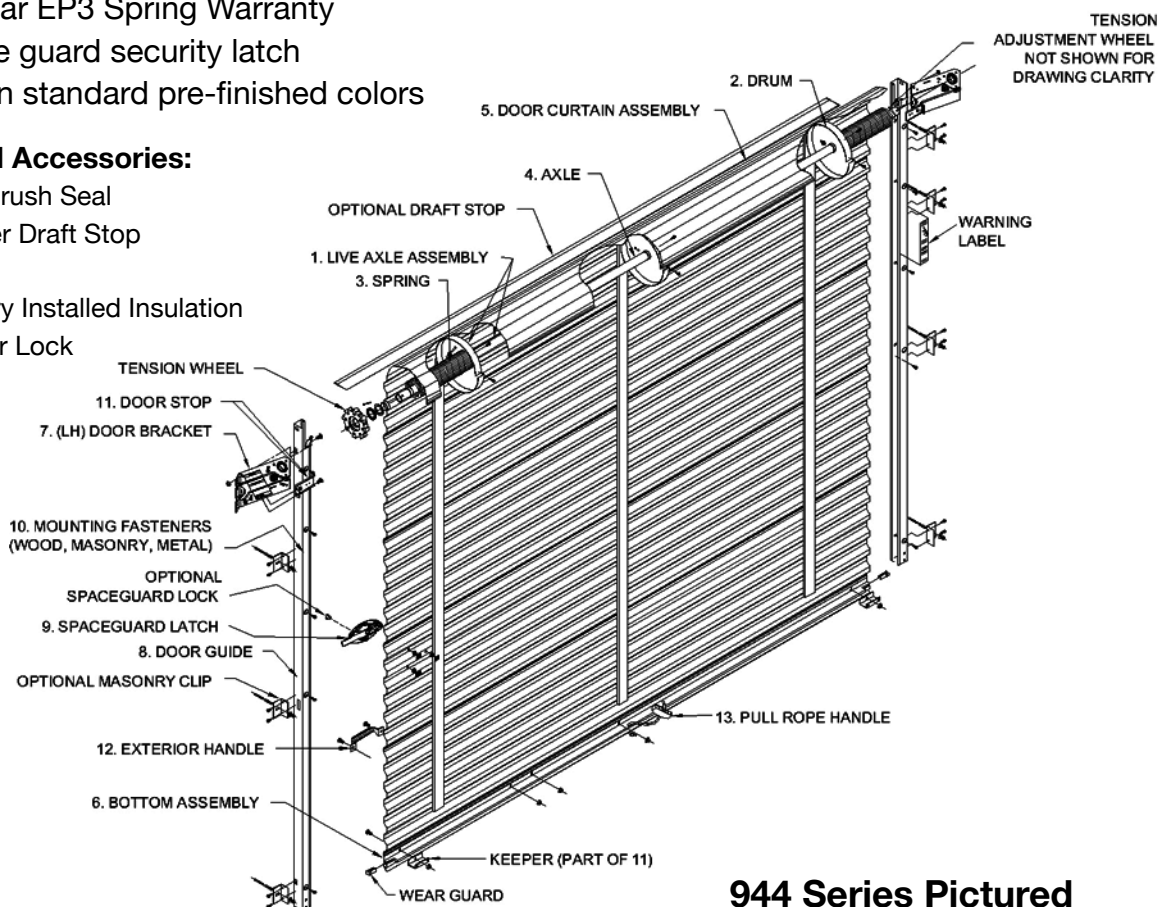
FABRICATION



- Easy installation
- Low maintenance
- Rust-resistant
- Smooth, quiet operation
- Available for most any door opening with custom sizes up to 16 feet.
- 10-year EP3 Spring Warranty
- Space guard security latch
- Eleven standard pre-finished colors

Optional Accessories:

- Jam Brush Seal
- Header Draft Stop
- Hood
- Factory Installed Insulation
- Interior Lock



944 Series Pictured

QUICK & E-ZY SLIDING DOORS



FABRICATION



STANDARD DOOR SIZE KITS:

3' x 8' DOOR

Steel Frame Only
Track, Trolley, Hardware
Polycarbonate Covering
& Aluminum Extrusions

4' x 8' DOOR

Steel Frame Only
Track, Trolley, Hardware
Polycarbonate Covering
& Aluminum Extrusions

5' x 8' DOOR

Steel Frame Only
Track, Trolley, Hardware
Polycarbonate Covering
& Aluminum Extrusions

6' x 8' DOOR

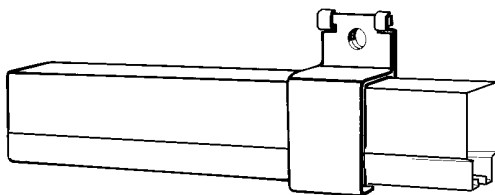
Steel Frame Only
Track, Trolley, Hardware
Polycarbonate Covering
& Aluminum Extrusions

**NEED A SPECIAL
SIZE?
NO PROBLEM!**

We can easily customize almost any size door frame. Call our Sales Team at 800.468.4011 for your personal quote today!

DOOR TRACK

Rollformed from galvanized steel and can support up to 400 lbs. It is used not only as a door track, but also to construct our E-zy Door Frames.

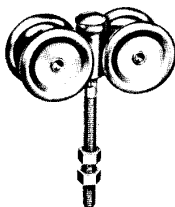


CATALOG #	DESCRIPTION
17-630106	6' Door Track
17-630108	8' Door Track
17-630110	10' Door Track
17-630112	12' Door Track

DOOR HANGERS

Door Hanger:

An economical nylon-bearing hanger typically used on metal frame doors weighing up to 400 lbs. The drop bolt installs vertically through top frame member of door. Vertical adjustment only. Steel wheels, frame and axles with solid nylon bearings.



CATALOG #	DESCRIPTION
17-620457	Door Hanger for Metal Doors

7" DOOR HANDLE



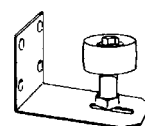
CATALOG #	DESCRIPTION
17-650700	7" Door Handle 1XMY8

STAY ROLLS

Stay Roll 93: For floor-mounted applications. Includes lag

screw and expansion shield. Steel with hard rubber wheel.

Stay Roll: A compact stay roll which installs at the base of the jamb on each side of the door opening to guide the sliding door during operation. Adjustable for doors up to 2-1/2". Steel w/ lexan wheel. Use 1/4" tek screw or 1/4" bolt with a washer and nut to attach Stay Roll to metal surfaces.

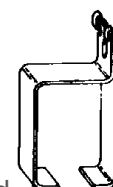


CATALOG #	DESCRIPTION
17-609300	Stay Roll #93
17-600468	Stay Roll

BRACKETS

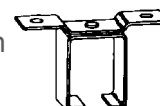
Single Side Bracket:

Used for face mounted applications requiring a single run of Track #301. The front of the bracket pivots outward, allowing for easy installation of the Door Track #301. Attaches with a 3/8" hex head bolt with a washer and nut for most applications.



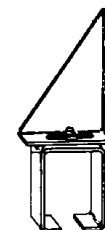
Single Ceiling Bracket #3-301:

Used for ceiling mounted application requiring a single run of Track #301.



Single Corrugated Metal Bracket #7-301:

Typically used on buildings with corrugated metal siding. This bracket is designed to be installed between siding ribs. Slot adjustment allows track to clear ribs up to 1-1/4" high. The triangular bracket provides support for a custom fabricated watershed cover, when required.



CATALOG #	DESCRIPTION
17-611301	Single Side Bracket
17-613301	Single Ceiling Bracket, #3-301*
17-617301	Sngl Corrugated Metal Bracket, #7-301*

VENT CONTROL SYSTEMS



VC-100A VENT DRIVE

FEATURES

- 1/20 Horsepower - TENV, Continuous Duty
- 115 Volt - 60 Hz - .68 amp
- 1600 RPM motor; Total gear reduction 1900:1; Final output .84 RPM
- Output torque 500 in. lb./56 Nm
- Lifts up to 75' of 4' polycarbonate roof ridge vent or 125' of 4' polycarbonate side vent
- Thermal overload protection - automatic reset
- Quick reversing
- Adjustable torque limit switch assembly
- Output gear reducer: worm gear with tapered roller bearing on output shaft immersed in synthetic grease
- Dual output shaft



VC- 2000 VENT DRIVE

FEATURES

- 1/20 Horsepower - TENV, Continuous Duty
- 115 Volt - 60 Hz - 2.5amp
- 1600 RPM motor; Total gear reduction 550:1; Final output 3 RPM
- Output torque 1500 in. lb./169 Nm
- Lifts up to 325' of 4' polycarbonate roof ridge vent or 400' of 4' polycarbonate side vent
- Thermal overload protection - automatic reset
- Quick reversing
- Adjustable torque limit switch assembly
- Output gear reducer: worm gear with tapered roller bearing on output shaft immersed in synthetic grease
- Dual output shaft



STEP 50A™ CONTROL

FEATURES

- 5 Stages: 2 stages of heating and 3 stages of cooling
- Day and night temp settings - simply turn the two knobs to indicate the desired temps
- Controls most heating and cooling equipment
- Energy savings through programmable lockout of stages
- Modulating output voltage for proportional steam and hot water valves
- Equipment comes on gradually after a power failure
- Color-coded manual override toggle switches
- Replaceable 10 amp DPDT load relays, can operate a wide variety of equipment - these relays reduce the cost of your contactor panel
- Durable corrosion-resistant cabinet with locking door protects your control : 16" x 16" x 5"
- Solar-guarded aspirated temperature sensor and 100' of cable



STEP UP CONTROL™

FEATURES

- 6 Stages: 2 stages of heating and 4 stages of cooling - Easily adjust the temp for each stage
- 3 set point temp periods - day, night, DIF; auto adjusts based on sunrise and sunset
- Modulates vents and curtains
- 1 analog output (0 to 10DC or 4-20 milliamps) to control variable-speed fans and modulating valves
- Cycle timer
- Alarm output
- Password protection
- Easy to use knob and button interface
- Large menu-driven screen displays current temp, time, date, grow weeks, equipment status, etc.
- Records the temp in 15-minute increments and stores it for 7 days
- Logs and graphs data
- High, low and average temperatures
- Timed override switches in addition to the manual override toggle switches
- Stores settings in the event of a power failure
- Optional humidity sensor
- Durable corrosion-resistant cabinet: 9.5" x 6.25" x 3.75"



4-STAGE CONTROL

FEATURES

- 4 stages of heating or cooling
- Solar-shielded temperature sensor with 75' of shielded cable
- LCD screen displays current temperature, mode and output status
- Keypad provides easy operation
- Fahrenheit or Celsius scale
- NEMA 4 enclosure, 9" x 5.5" x 3"



MINISTEP™ CONTROL

FEATURES

- 1 stage of heat
- 3 stages of cooling
- LCD display of current temperature, mode and output status
- Keypad provides easy operation
- Set point range: -40° to 220° F
- Durable corrosion-resistant cabinet: 16" x 14" x 6"



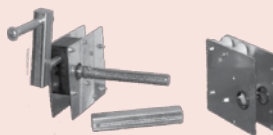
**CALL FOR CURRENT PRICING.
ALL PRICES ARE F.O.B.
ARVADA, CO**

E-ZY GROWER POLY ROLL-UP VENTS

The E-ZY Grower Roll-up Vent is an economical way of providing seasonal ventilation for both Free-standing and Gutter-connected houses. The design incorporates a manual gear box with brake and locks, which rolls along a fixed guide at one end of the building and a guided bearing installed at the far end. Poly sheeting rolls up and down on a steel roll tube along side the structure at desired length.

E-zy Gear Box with Crank Handle:

Our fabricated unit offers user a 10:1 turn ratio for ease of rolling. Specify if using with standard swedge pipe or our E-zy Roll Tube for correct splice connector. Fits 1.315 guide pipe.



Kankit 104:

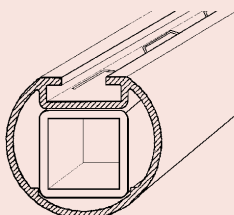
Quickly cranks roll-up vent with 4:1 turn ratio. Distinctive green plastic housing fits on 3/4" guide post.



Roll Tube Choices:

1) E-ZY Roll Tube has built-in spring lock track to easily secure poly to tube with zig-zagging wire insert. Connector is supplied to join tube pieces end to end for desired vent length.

2) Swedged Roll Tube is 14-gauge steel swedged at the ends to join pieces end to end for desired vent length. Poly is attached with economical poly vent clips or Aluminum lath may be tek screwed as a cap over poly.



COMPLETE ROLL-UP VENT WITH E-ZY ROLL TUBE

48' Length

96' Length

144' Length

COMPLETE ROLL-UP VENT WITH SWEDGED ROLL TUBE

48' Length with Aluminum Lath attachment

96' Length with Aluminum Lath attachment

144' Length with Aluminum Lath attachment

ROLL-UP VENT BASE UNIT(SPECIFY 10:1 OR 4:1 GEAR BOX)

1 - 4

5 - 9

Includes: Gear Box with Crank Handle, Guide Box, Guide Posts, & Hardware *Specify if you have straight or curved greenhouse side walls.

\$259.00

\$239.00

PARTS LIST:

Catalog #	Item #	Description
12-403301	RVM301	Gear Box w/ Crank Handle (*specify tube splice adapter)
12-010104	104	Kankit Gear Box w/ Crank Handle
12-403303	RVM303	Guide Box
12-403304	RVM304	Crank Handle (for E-zy Gear Box)
12-403319	RVM319	6' Guide Post, 1.315 18ga
12-403321	RVM321	Guide Post L - Bracket
12-403317	RVM317	Swedged Tube Adapter
12-403323	RVM323	Poly Vent Clips Opyion (to secure poly on swedge roll tube)
13-091193	-----	Aluminum Lath 16'1"
12-403316	RVM316	E-ZY Roll Tube Splice
28-997550	-----	Black Web Tape 1 3/4" x 514'
17-111075	-----	#10 x 3/4" Tek Screws for Lath

**Round Splice for Swedged Roll Tube, Square Splice for E-zy Roll Tube.*

E-ZY GROWER ROOF & RIGID SIDE VENTS

NATURAL VENTILATION

Our E-zzy Grower Vents can be adapted to most structures and work great for replacement of old worn out vents. Made with heavy duty aluminum extrusions and covered with polycarbonate. Our vents will give years of troublefree use. The Ridge Vent is used to allow warm air to rise out through the top of the greenhouse, while cool air comes in through the Side Vent. Both styles are available in custom lengths and widths.



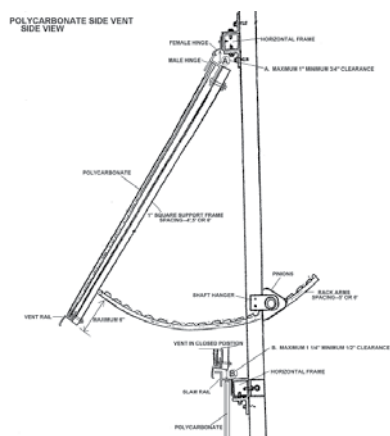
KIT INCLUDES:

- Rigid aluminum frame extrusions
- Hardware
- Instructions

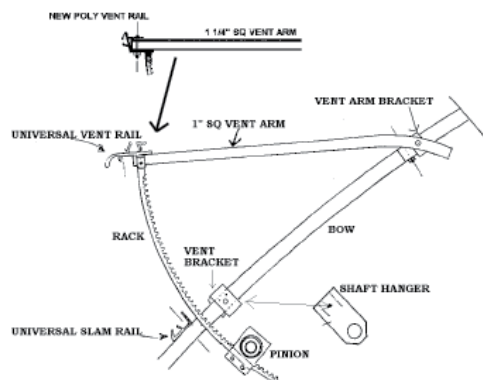


CALL US FOR YOUR CUSTOM VENT QUICK QUOTE!

POLYCARBONATE SIDE VENT



POLY ROOF VENT SIDE VIEW



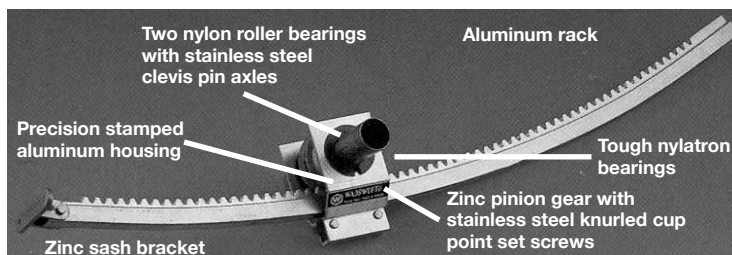
PowerRack™ Rack & Pinion Package

Can you see the difference?

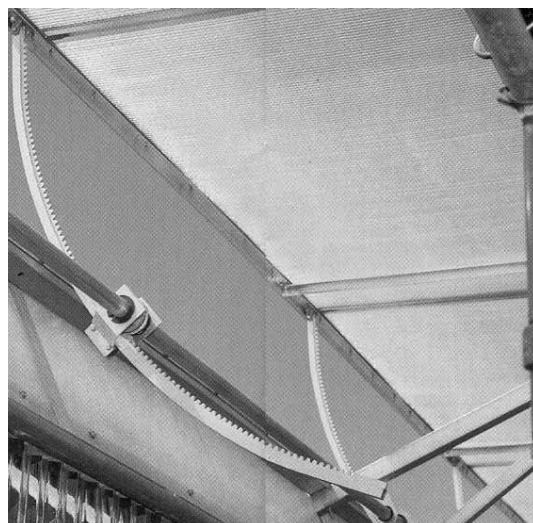
Successful growers can. It's the unrivaled quality built into every PowerRack™ rack and pinion. While some rack arms are dry cut, the teeth on Wadsworth's PowerRack™ arms are cut under an oil bath to minimize sharp edges and assure smooth operation. The holes in the pinion housing are punched with a precision stamping tool to maintain exact spacing. All clevis pins, cotterpins and set screws are made from quality stainless steel.

Why Curved?

The curved PowerRack™ rack & pinion is designed to give additional clearance (54" radius) when space is tight. When a straight rack might interfere with a curtain or aisle, growers find the curved rack to be the answer!



CURVED POWERRACK™ MOUNTED ON GREENHOUSE WITH VENT IN A PARTIALLY OPENED POSITION.



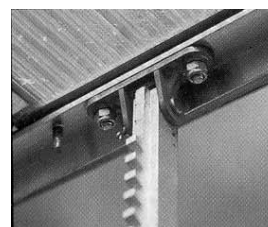
PowerRack™ FEATURES:

- Wide load-bearing surfaces.
- Replaceable Parts: Every part is replaceable using ordinary hand tools.
- Freedom from corrosion: Aluminum rack and housing, zinc pinion gear, tough nylon bearings. Easy alignment: Rack works even when it's not perfectly square with vent.
- Economically priced.

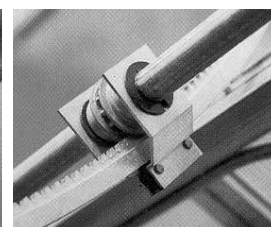
PowerRack Packages: Complete with rack, pinion with housing and sash bracket

Item # 1-3/8"	Item # 1-5/8"	STRAIGHT RACK
M-2636	M-2736	36" PowerRack Package w/ straight rack
M-2642	M-2742	42" PowerRack Package w/ straight rack
M-2648	M-2748	48" PowerRack Package w/ straight rack
M-2653	M-2753	53" PowerRack Package w/ straight rack
M-2666	M-2766	66" PowerRack Package w/ straight rack
M-2672	M-2772	72" PowerRack Package w/ straight rack
Item # 1-3/8"	Item # 1-5/8"	CURVED RACK
M-2836	M-2936	36" PowerRack Package w/ curved rack
M-2842	M-2942	42" PowerRack Package w/ curved rack
M-2848	M-2948	48" PowerRack Package w/ curved rack
M-2853	M-2953	53" PowerRack Package w/ curved rack
M-2866	M-2966	66" PowerRack Package w/ curved rack
M-2872	M-2972	72" PowerRack Package w/ curved rack

All PowerRack Packages are special ordered, please allow ample time for delivery. 1-5/8" Shaft Opening (1.66 tubing) is also available, please request when ordering. All prices are FOB Arvada CO.



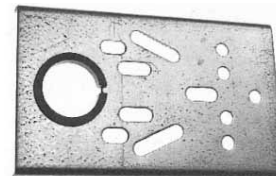
CLOSEUP OF MOUNTED POWERRACK™ SASH BRACKET



CLOSEUP OF MOUNTED POWERRACK™

SHAFT HANGERS

Used to hold roll tube shaft on rack and pinion vent systems. Place every 4-6 foot.



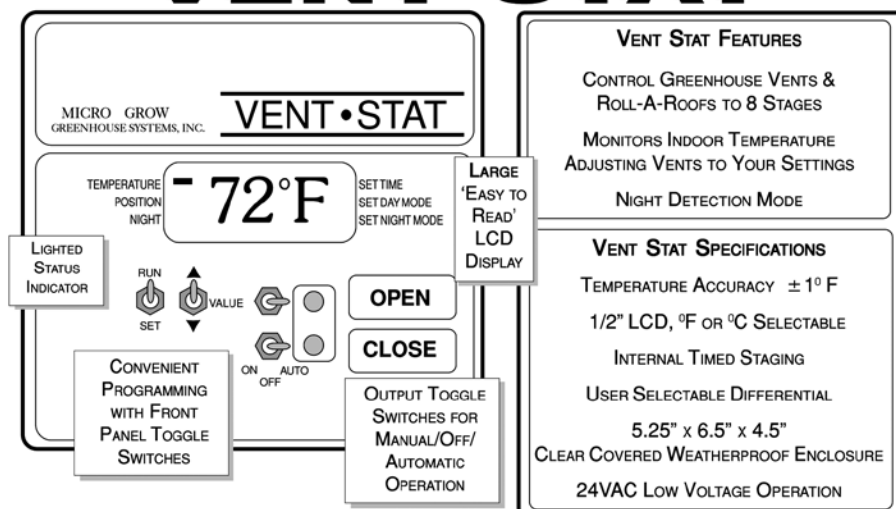
Available in 2 sizes: 1-3/8" and 1-5/8".

Catalog#	Description
12-130016	Shaft Hanger, (for 1.315 OD)
12-110006	#S2806 Universal Shaft Hanger, 1-3/8"
12-110008	#S2808 Universal Shaft Hanger, 1-5/8"

GROWSTAT CONTROL SERIES

Now individual greenhouse computer based control functions are available in a low cost, easy to install, package. Advanced features include a large display, easy to use programming switches, and a lockable weatherproof enclosure. Will hold and display the high and low sensor readings for the past 24 hours. Separate day, night, and DIF settings are standard. 24 VAC low voltage operation, and include applicable sensors and cables. The Ventstat will operate any motorized greenhouse vent, roll-up, or retractable roof system. Up to eight stages of operation. Separate day, night, and DIF settings.

VENT•STAT



OPERATES GREENHOUSE VENT MOTORS

CONTROLS RETRACTABLE ROOFS

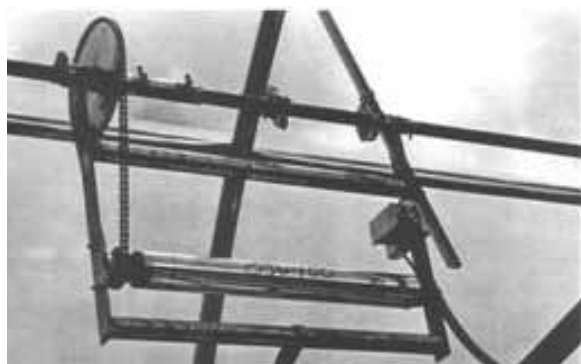
AUTOMATES SIDE ROLL UPS



THE HAWK AUTOMATED CONTROLLER

FOR ROOF & SIDE ROLL-UP VENTS

The Hawk Controller is unique in design as it operates on both temperature and time, which eliminates constant opening and closing. The Hawk Controller gives you complete control, allowing you to set at what temperatures the vent will open and for how long. The Hawk controller is very accurate, opening the vent from one inch to six foot and will stay open for the amount of time you specify. The program may be easily changed to meet your needs throughout the season.



CONTROLLER

- 110 volt or 220 volt
- Celsius or Fahrenheit
- Digital readout controller
- Accurate to one-tenth of one degree
- Manual over-ride switches
- May extend sensor up to 500'

MOTOR

- Self contained
- Weather resistant seals
- Electric brakes included 2 year warranty
- Uses only 3 amps
- 110 volt thermally protected motor
- The Roll-Up motor will operate up to 300' on either curved or flat walls.
- The Roof Vent motor will operate up to 250' of vent.

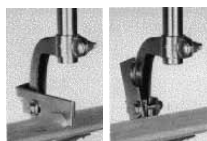
CATALOG #	DESCRIPTION
12-160-102	Roll-Up Vent Operator
12-160-101	Roof Vent Operator
12-160-100	Controller
*F.O.B. OH MFG	

MONORAIL ASSEMBLY PARTS

RAIL STOPS

(FOR RAIL SUPPORTS)

Used to stop and collect trolleys or hangers on rails at desired points.



Part #	Tube Size	Dimensions						Wt/100 Pcs	Pcs/ Carton
		A	B	C	D	E	F		
101	1-5/16"	4-7/8"	1-1/8"	1"	1-3/4"	1/4"	1/2"	62 lbs	100

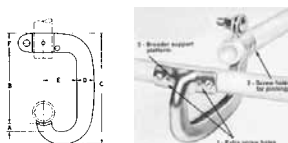


TROLLEY HEADS

Two wheel trolley head: 1" wide steel wheels

RAIL SUPPORTS

Designed for 3/4" pipe drop used with 1-5/16" (1.315) rail tubing.



Part #	Size I.P.S.	Dimensions						Load Cap.	Mat'l	Wt/ 100 Pcs
		A	B	C	D	E	F			
0030	3/4"	1/2"	4-1/4"	6-5/8"	1"	2"	1-1/8"	750 lbs	Steel	80 lbs

CLOSE RAIL SUPPORTS

This Close Rail Support bolts directly to angle iron, underside of beams and door frames. Used where other pipe suspensions are not practical.



Part #	Dimensions					Load Cap.	Mat'l	Wt/ 100 Pcs
	A	B	C	D	E			
2103	1/2"	1-15/16"	5-3/8"	2-11/16"	3/16"	500 lbs	Steel	160 lbs

SPEED RAIL & SPEED

SPEED RAIL: Tubing swedged on one end used as rail for monorail cart to travel on. 1.315, 14 gauge galvanized steel.

SPEED CURVE: 1.315, 14 gauge galvanized steel tubing. Length: 6' long, swedged on one end. Use one 57° curve w/ curved switches to give a 90° turn.



SINGLE ARM BRACKETS

Uses U-Bolt to lock any type of upright support without slipping.



Part #	Size I.P.S.	Dimensions						Wt. per 100 Pcs.
		A	B	C	D	E	F	
2401	1"	1-7/8"	1/2"	7-1/4"	1-3/4"	9"	1-5/16"	235 lbs.
2402	1"	1-7/8"	1/2"	10-1/4"	1-3/4"	12"	1-5/16"	300 lbs.
2403	1"	1-7/8"	1/2"	11-3/4"	1-3/4"	13-1/2"	1-5/16"	315 lbs.
2404	1"	2-1/8"	1/2"	13-1/4"	1-3/4"	15"	1-5/16"	335 lbs.
2405	1-1/4"	1-7/8"	1/2"	10-1/4"	1-3/4"	12"	1-21/32"	305 lbs.
2406	1-1/4"	1-7/8"	1/2"	11-3/4"	1-3/4"	13-1/2"	1-21/32"	320 lbs.
2407	1-1/4"	2-1/8"	1/2"	13-1/4"	1-3/4"	15"	1-21/32"	350 lbs.
2410	2"	2-1/8"	1/2"	13-1/4"	1-3/4"	15"	2-3/8"	370 lbs.

CATALOG #	CARTS
18-036000	Monorail Cart w/ 3 Shelves
18-040000	Monorail Cart w/ 4 Shelves
18-050000	Monorail Cart w/ 5 Shelves
NOTE: Does not include shelf bottoms (Frame Only)	
CATALOG #	SHELVES & INSERTS
18-026000	Monorail Shelf Frame Only
20-020699	Expanded Metal Shelf Inserts - 6' x 2'
29-186024	Polycarbonate Shelf Inserts - 6' x 2'
CATALOG #	SWITCHES
18-502710	#2710R Right Curved Lever Switch
18-512710	#2710L Left Curved Lever Switch
18-242800	#2810R Right Drop-Off Curved Switch
18-452810	#2810L Left Drop-Off Curved Switch
18-242900	#2910 Straight Lever Switch
18-242610	#2610 Straight Drop-Off Switch
18-222151	#2151 Master Switch, crss thru manual
18-230201	#2010RI Right Inside Master Switch
18-231201	#2010LI Left Inside Master Switch
n/a	#2010RO Right Outside Master Switch
n/a	#2010LO Left Outside Master Switch
18-262000	#2751 Knife Switch (R-7) 20" Long
18-212851	#2851 Removable Bar Switch - 24" Long
CATALOG #	BRACKETS
18-492401	Single Arm Bracket #2401
18-492402	Single Arm Bracket #2402
18-492403	Single Arm Bracket #2403
18-492404	Single Arm Bracket #2404
18-492405	Single Arm Bracket #2405
18-492406	Single Arm Bracket #2406
18-492407	Single Arm Bracket #2407
18-492410	Single Arm Bracket #2410
CATALOG #	CLAMPS & MORE
18-992111	#2111 Strap Clamp
18-900031	Steel Clamp Set #0031
18-900032	Steel Clamp Set #0032
18-900033	Steel Clamp Set #0033
18-900034	Steel Clamp Set #0034
18-900035	Steel Clamp Set #0035
18-900136	Steel Clamp Set #0036
18-721000	#C15540 Two Wheel Trolley Head
18-800300	Rail Support #C00300
18-881010	Rail Stop #1010
18-882103	Close Rail Support #2103
18-545000	45 degree Speed Curve
18-557000	57 degree Speed Curve
18-590000	90 degree Speed Curve

GATORSHIELD STEEL TUBING



ROUND STEEL TUBING

Catalog #	Size	Gauge	Bundle Qty.
14-108288	1" x 24'	18	127
14-104288	1" x 24'	14	127
14-148195	1.315" x 16' 3"	18	91
14-148288	1.315" x 24'	18	91
14-144171	1.315" x 14' 3"	14	91
14-144187	1.315" x 15' 7"	14	91
14-144243	1.315" x 20' 3"	14	91
14-144288	1.315" x 24'	14	91
14-183288	1.625" x 24'	13	61
14-204234	1.66" x 19' 6"	14	61
14-204288	1.66" x 24'	14	61
14-283288	1.9" x 24'	13	61



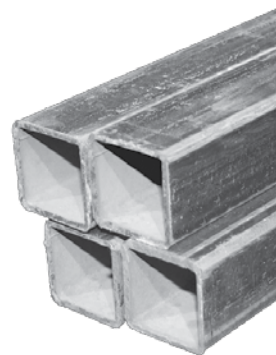
ROUND SWEDGED STEEL TUBING

Catalog #	Size	Gauge	Bundle Qty.
14-508288	1" x 24'	18	127
11-600195	1.315" x 16' 3"	18	91
14-544243	1.315" x 20' 3"	14	91
14-204234	1.66" x 19' 6"	14	61



SQUARE STEEL TUBING

Catalog #	Size	Gauge	Bundle Qty.
15-108288	1" x 24'	18	160
15-204240	1.25" x 20'	14	121
15-204288	1.25" x 24'	14	121
15-306288	1.5" x 24'	16	81
15-402288	1.75" x 24'	12	25
15-505288	2" x 24'	15	25



RECTANGULAR STEEL TUBING

Catalog #	Size	Gauge	Bundle Qty.
16-106240	1" X 2" x 20'	16	96
16-106288	1" X 2" x 24'	16	96

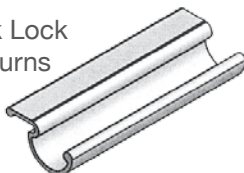


ALUMINUM PROFILE/EXTRUSIONS



QUICK LOCK MALE INSERT

For use with Single & Double Quick Lock Base. The Quick Lock Male Insert turns easily into the Quick Lock Base to hold two layers of greenhouse poly cover. Poly is securely locked after air is inflated between the two poly layers to 'seat' the insert. When the time comes to change out poly a quarter turn of the insert is all you need to release it from the base.



CATALOG #	DESCRIPTION
13-041048	4' Quick Lock Male Insert

WIRE INSERT

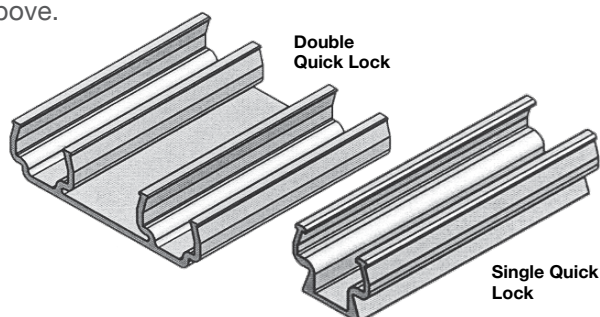
The stainless steel wire insert, which is sometimes called a spring, will not change its' holding characteristics even with repeated use. When installing, simply pull the material across the base channel, and snap the soft wire insert into place to secure the material.



CATALOG #	DESCRIPTION
13-052048	4' Stainless Steel Wire Insert

QUICK LOCK BASE / DOUBLE & SINGLE

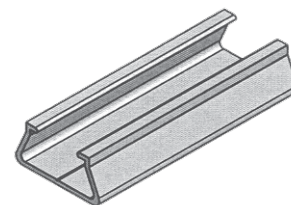
Recommended for use with double layer inflated poly only. Quickly and easily attach and replace double layer poly on your greenhouse frame with our rigid locking system. Use Single Quick Lock Base to attach poly to baseboards at the sides and ends of your greenhouse. We recommend 1/4" x 1" hex head bolts w/ nuts for attaching Single Quick Lock Base to a steel frame. Our Double Quick Lock Base is designed for use at the top of an Ezy-Grower Roll-up side vent to secure both roof and side wall poly in one base track. The double base is rigid enough to be attached across greenhouse bows (up to 5' spacing) with out horizontal support. Use #10 x 3/4" tek screws to attach to steel framing or 1/4" size bolts when attaching to wood. Both Single and Double Quick Lock Bases are used in conjunction with Quick Lock Male Insert described above.



CATALOG #	DESCRIPTION
13-031144	12' Double Quick Lock Base
13-031288	24' Double Quick Lock Base
13-021144	12' Single Quick Lock Base
13-021288	24' Single Quick Lock Base

WIRE POLY LOCK

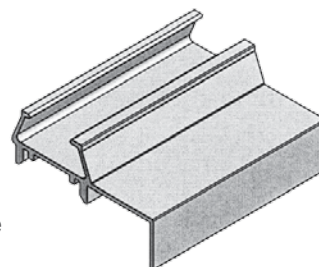
Use the steel Wire Poly Lock extrusion to secure poly along baseboards and along the curve of bows. We suggest hat two springs be used for added strength in windy areas. Wire Poly Lock can be attached to most steel greenhouse frames. Secure with 1/4" x 1" tek screws every 18" when attaching extrusion to steel baseboards or bows. It is recommended to use 1/4" hex bolts with nuts when attaching extrusion to Greenhouse Frame.



CATALOG #	DESCRIPTION
13-061144	12' Wire Poly Lock Base
13-061288	24' Wire Poly Lock Base

UNIVERSAL SPRING LOCK

Universal Spring Lock easily, neatly and inexpensively finishes end walls. It securely attaches poly or shade cloth to any round, oblong or square tubing and allows for 8mm polycarbonate or 'raised rib' sheets under its cap.

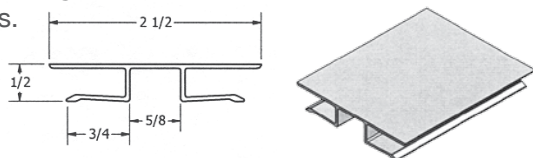


CATALOG #	DESCRIPTIONS
13-071240	20' Universal Spring Lock
13-071288	24' Universal Spring Lock

LARGE H PROFILE



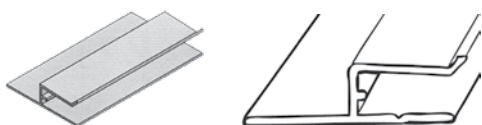
Use the 8mm aluminum Large H profile to splice two pieces of polycarbonate together on any flat surface. The Large H profile can be attached to most steel greenhouse frames with 1/4" x 1" tek screws.



CATALOG #	DESCRIPTION
13-101144	12' Large H Aluminum Profile
13-101288	24' Large H Aluminum Profile

SMALL H PROFILE

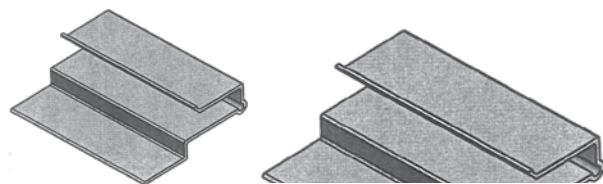
Use the 8mm aluminum Small h profile to attach and seal edges of polycarbonate to a structure. The Small h profile can be attached to most steel greenhouse frames with #10 x 3/4" tek screws.



CATALOG #	DESCRIPTION
13-111144	12' Small H Aluminum Profile
13-111288	24' Small H Aluminum Profile

ALUMINUM U-CHANNEL

Used with Bar Base to seal top and bottom edge of polycarbonate sheets.



CATALOG #	DESCRIPTION
13-141144	12' Aluminum U-Channel
13-141288	24' Aluminum U-Channel

WIRE INSERT



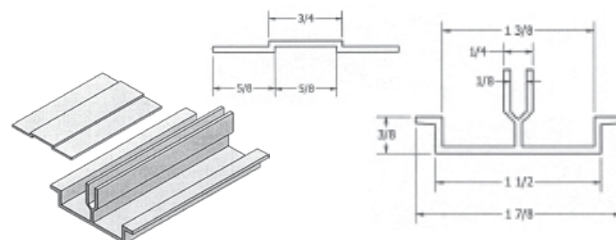
The stainless steel wire insert, which is sometimes called a spring, will not change its' holding characteristics even with repeated use. When installing, simply pull the material across the base channel, and snap the soft wire insert into place to secure the material.



Catalog #	Description
13-052048	4' Stainless Steel Wire Insert

BAR BASE & BAR CAP

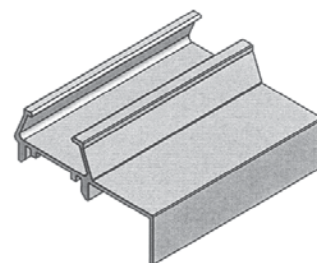
Bar Base and Bar Cap are used together to form a two-piece profile similar to the Large H profile. The advantage of having two separate pieces is that it makes attaching polycarbonate to a curved surface much easier. Bar Base can be attached to most steel greenhouse frames with #10 x 3/4" or 1/4" x 1" tek screws. Use Phillips PanHead Screws 1/2" long to attach BarCap to the Base every 12" to 18".



CATALOG #	DESCRIPTION
13-121290	24'2" Bar Base Aluminum Profile
13-131312	26' Bar Cap Aluminum Profile

UNIVERSAL SPRING LOCK

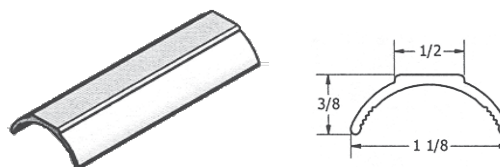
Universal Spring Lock easily, neatly and inexpensively finishes end walls. It securely attaches poly or shade cloth to any round, oblong or square tubing and allows for 8mm polycarbonate or 'raised rib' sheets under its cap.



CATALOG #	DESCRIPTIONS
13-071240	20' Universal Spring Lock
13-071288	24' Universal Spring Lock

ALUMINUM LATH

Economical answer to attaching poly to round tubing! Aluminum Lath is used on the end bows of a steel greenhouse structure or an inexpensive alternative for attaching poly to roll tube for poly roll-up vents. Use 1/4" x 1" tek screws every 18" to secure.

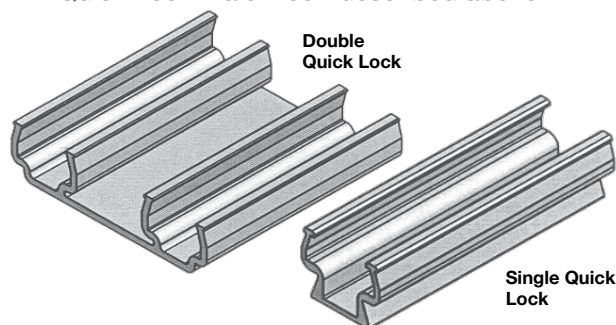


CATALOG #	DESCRIPTION
13-091193	16'1" Aluminum Lath

QUICK LOCK BASE /DOUBLE & SINGLE

Recommended for use with double layer inflated poly only.

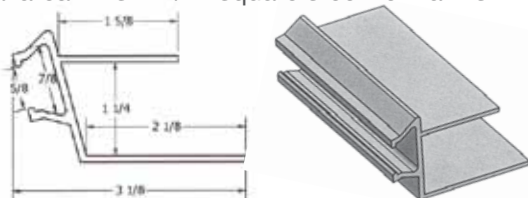
Quickly and easily attach and replace double layer poly on your greenhouse frame with our rigid locking system. Use Single Quick Lock Base to attach poly to baseboards at the sides and ends of your greenhouse. We recommend 1/4" x 1" hex head bolts w/ nuts for attaching Single Quick Lock Base to a steel frame. Our Double Quick Lock Base is designed for use at the top of an Ezy-Grower Roll-up side vent to secure both roof and side wall poly in one base track. The double base is rigid enough to be attached across greenhouse bows (up to 5' spacing) with out horizontal support. Use #10 x 3/4" tek screws to attach to steel framing or 1/4" size bolts when attaching to wood. Both Single and Double Quick Lock Bases are used in conjunction with Quick Lock Male Insert described above.



CATALOG #	DESCRIPTION
13-031144	12' Double Quick Lock Base
13-031288	24' Double Quick Lock Base
13-021144	12' Single Quick Lock Base
13-021288	24' Single Quick Lock Base

POLY VENT SPRING LOCK

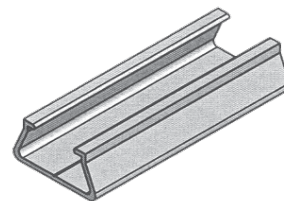
Used at the bottom edge of a poly vent. Unique position of channel allows water to pass over vent seal area. Fits 1-1/4" square steel vent arms.



CATALOG #	DESCRIPTION
13-081144	12' Poly Vent Spring Lock
13-081288	24' Poly Vent Spring Lock

WIRE POLY LOCK

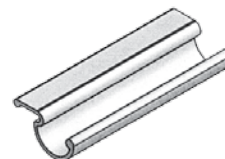
Use the steel Wire Poly Lock extrusion to secure poly along baseboards and along the curve of bows. We suggest that two springs be used for added strength in windy areas. Wire Poly Lock can be attached to most steel greenhouse frames. Secure with 1/4" x 1" tek screws every 18" when attaching extrusion to steel baseboards or bows. It is recommended to use 1/4" hex bolts with nuts when attaching extrusion to Greenhouse Frame.



Catalog #	Description
13-061144	12' Wire Poly Lock Base
13-061288	24' Wire Poly Lock Base

QUICK LOCK MALE INSERT

For use with Single & Double Quick Lock Base. The Quick Lock Male Insert turns easily into the Quick Lock Base to hold two layers of greenhouse poly cover. Poly is securely locked after air is inflated between the two poly layers to 'seat' the insert. When the time comes to change out poly a quarter turn of the insert is all you need to release it from the base.



CATALOG #	DESCRIPTION
13-041048	4' Quick Lock Male Insert

UNIVERSAL VENT RAIL

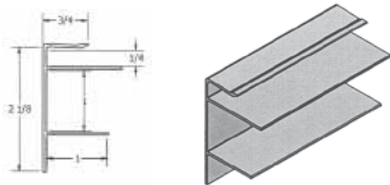
Universal Vent Rail is used at the bottom edge of both side and roof vents to create a water-tight seal. It has been specially designed to be used with Universal Slam Rail. Add Wire Inserts (Springs) only on vents using greenhouse plastic, Wire Inserts are not needed for polycarbonate vents.



CATALOG #	DESCRIPTION
13-221144	12' Universal Vent Rail
13-221288	24' Universal Vent Rail

F-RAIL

Used in framing bench tops with expanded metal. No more exposed edges on expanded metal benches.

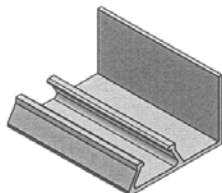


CATALOG #	DESCRIPTION
13-321288	24' F Rail

UNIVERSAL SLAM RAIL

Universal Slam Rail is used with Universal Vent Rail to create a water-tight seal.

The profile has been cleverly designed to seal both the vent and the greenhouse poly, thus cutting down on the expense of using two extrusions! Attach Universal Slam Rail to bows or outside purlins with bolts every 18".



CATALOG #	DESCRIPTION
13-231288	24' Universal Slam Rail

FEMALE HINGE

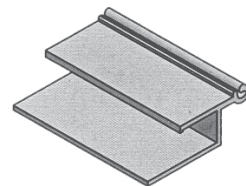
The aluminum Female Hinge has been specifically designed for the E-zy Grower Side Vent. When used with the Male Hinge it creates a movable profile (hinge) that allows the vent to swing open or closed. Attach Female Hinge to steel support with 1/4" x 1" tek screws every 18".



CATALOG #	DESCRIPTION
13-181288	24' Female Hinge

MALE HINGE

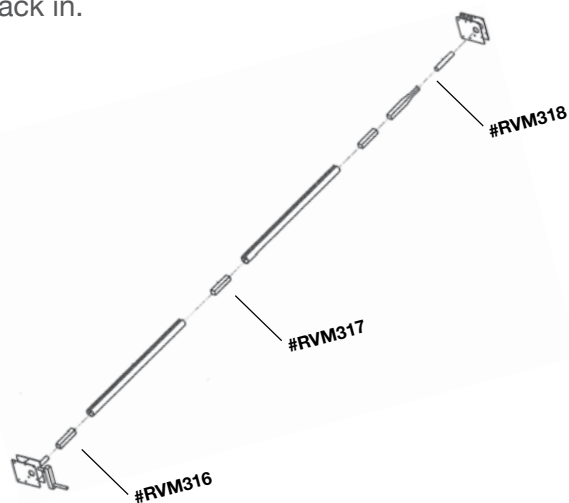
The Male Hinge is used with the Female Hinge to complete the movable 'hinge' on our E-zy Grower Vents. This 'hinge' that is created when the two profiles are joined together is the mechanism that allows the vents to open and close. No additional hardware is needed for assembly due to the self-locking design of the Male Hinge.



CATALOG #	DESCRIPTION
13-191288	24' Male Hinge

E-ZY ROLL TUBE

Our aluminum tube is designed with a built-in track to allow for easy installation of poly for poly roll-up vents. Simply secure poly in track with stainless steel wire (spring) insert. Need to change the poly? Just remove the spring, add a new piece of poly and put the old spring back in.



Remember to order Splice for Roll Tube Extension!

CATALOG #	DESCRIPTION
12-403316	E-ZY Roll Tube Splice #RVM316
12-403317	E-ZY Roll Tube Drilled Adapter #RVM317
12-403318	E-ZY Roll Tube Insert #RVM318
13-052048	4' Spring Insert Only
13-291144	12' E-ZY Roll Tube
13-291288	24' E-ZY Roll Tube
12-403316	E-ZY Roll Tube Splice #RVM316

Need to vent?

Our E-zy Grower Roof & Side Vent Kits make it easy!
Check out the details on pages and .

TEK SCREWS

Self drilling screw for aluminum and steel.



CATALOG #	DESCRIPTION
17-111005	#10 X 1/2" Tek Screw
17-111075	#10 x 3/4" Tek Screw
17-112510	1/4" x 1" Tek Screw
17-112511	1/4" x 1" Tek Screw & Washer
17-112515	1/4" x 1.5" Tek Screw
17-112516	1/4" x 1.5" Tek Screw & Washer
17-112520	1/4" x 2" Tek Screw

WOOD-TITE SCREWS (HEX HEAD)

For fastening profiles directly to wood members.

CATALOG #	DESCRIPTION
17-130915	#9 1/4" x 1-1/2"



WASHERS



Use flat washers for general use. Use fender washers where a large outer diameter is required.

CATALOG #	DESCRIPTION
17-302500	1/4" Flat Washer
17-303800	3/8" Flat Washer

PERMASEAL WASHERS



Used to help seal around screw holes on polycarbonate sheets.

CATALOG #	DESCRIPTION
17-351180	1-1/8" Permaseal Washer

HEX NUTS



For general purpose applications. Most commonly used nut. Use lock nuts where vibration may cause loosening.

CATALOG #	DESCRIPTION
17-212500	1/4" Hex Nut
17-205600	5/16" Hex Nut
17-203800	3/8" Hex Nut
17-263800	3/8" Lock Nut
17-262500	1/4" Lock Nut

WING NUTS



CATALOG #	DESCRIPTION
17-235600	5/16" Zinc Wing Nut
17-262500	1/4" Zinc Wing Nut
17-263800	3/8" Zinc Wing Nut

CARRIAGE BOLTS



Smooth round head for appearance, security and safety. Measure from underside of head to tip of bolt.

CATALOG #	DESCRIPTION
17-022510	1/4" x 1" Carriage Bolt
17-022515	1/4" x 1.5" Carriage Bolt
17-022520	1/4" x 2" Carriage Bolt
17-022522	1/4" x 2.25" Carriage Bolt
17-022525	1/4" x 2.5" Carriage Bolt
17-022530	1/4" x 3" Carriage Bolt
17-022545	1/4" x 4.5" Carriage Bolt
17-222550	1/4" x 5" Carriage Bolt
17-022560	1/4" x 6" Carriage Bolt
17-023825	3/8" x 2.5" Carriage Bolt
17-025610	5/16" x 1" Carriage Bolt
17-025620	5/16" x 2" Carriage Bolt
17-025625	5/16" x 2.5" Carriage Bolt

HEX HEAD BOLTS



Common grade for general purpose fastening. Measure from the underside of head to tip of the bolt.

Catalog #	Description
17-002507	1/4" x 3/4" Hex Head Bolt
17-002515	1/4" x 1.5" Hex Head Bolt
17-002520	1/4" x 2" Hex Head Bolt
17-002525	1/4" x 2.5" Hex Head Bolt
17-002530	1/4" x 3" Hex Head Bolt
17-003815	3/8" x 1.5" Hex Head Bolt
17-003825	3/8" x 2.5" Hex Head Bolt
17-003835	3/8" x 3.5" Hex Head Bolt

BASE PLATE

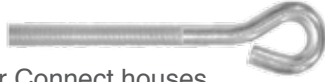
Used for E-ZY Grower Greenhouses constructed on black top/ concrete surfaces.



CATALOG #	DESCRIPTION
17-710000	6" x 6" Base Plate

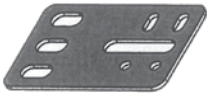
EYE BOLTS

Used on E-zy Grower Gutter Connect houses, Gothic (curved) Roll-up Vents or anywhere a rope or cable needs to be attached.



CATALOG #	DESCRIPTION
17-093845	3/8" x 4-1/2" Eyebolt
17-095625	5/16" x 2 1/2" Eyebolt

T.D. MENDING PLATES



CATALOG #	DESCRIPTION
17-982304	4" T.D. Mending Plate
17-982308	8" T.D. Mending Plate

COTTER KEY

Used to attach the wheels to our E-zy Grower Carts and also used on our curved roll-up vents.



CATALOG #	DESCRIPTION
17-422400	2-1/2" Hairpin/Cotter Key

U BOLTS

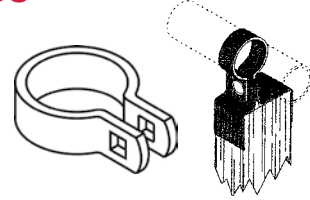
Attaches wind/knee braces to our E-zy Grower Greenhouses. The 1.315 U Bolt is used on our 15', 20', 21' & 24' houses (1.315 tubing). The 2" U Bolt is used on our 30' house (1.66 tubing).



CATALOG #	DESCRIPTION
17-081799	U Bolt Kit, 1-3/4" x 3" x 1/4" w/ backplate and 2 nuts
17-080299	U Bolt Kit, 2" x 3-1/4" x 1/4" w/ backplate and 2 nuts

ENDWALL BRACKET & BRACE BANDS

For attaching tubing bows to endwall. Available for wood 2x4 & 1½ square metal tubing. Includes bolt and nut.



CATALOG #	DESCRIPTION
17-801300	Brace Bands, 1-3/8" HD13010
17-801500	Brace Bands, 1-5/8" HD13020
17-800200	Brace Bands, 2" HD13030
17-470000	Wood End Bracket

PHILLIPS PAN HEAD SCREWS

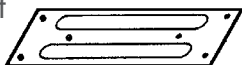
Used to fasten steel splices and steel corners on our E-zy Grower Benches and attaching bar cap to bar base.



CATALOG #	DESCRIPTION
17-171005	#10 x 1/2" Phillips Pan Head Screw

SPLICE

Used to splice two pieces of frail together on long bench runs.



CATALOG #	DESCRIPTION
17-980206	2" x 6" Splice

CRANK HANDLE



CATALOG #	DESCRIPTION
12-403305	Crank Handle for E-ZY Grower Gear Box RVM303

KANKIT GEARBOX WITH CRANK HANDLE

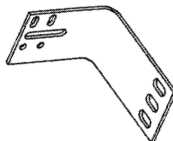
Quickly cranks roll-up vent with 4:1 turn ratio. Distinctive green plastic housing fits on 3/4" guide post.



CATALOG #	DESCRIPTION
12-010104	Kankit Gearbox w/ crank handle

ROLL UP VENT BRACKET

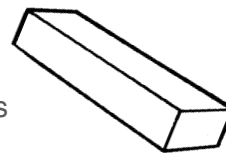
Holds Guide Post to Greenhouse Baseboard and Bow.



CATALOG #	DESCRIPTION
12-403321	Roll Up Vent Bracket - RUM321

VERTICAL CLOSURE STRIP

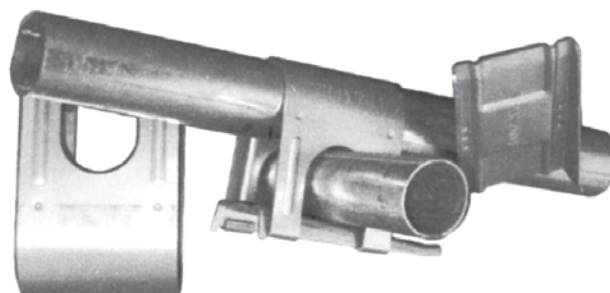
Polyurethane strip used to seal pieces of corrugated polycarbonate sheets along straight side. Also seals vents at opening.



CATALOG #	DESCRIPTION
29-823140	Vertical Closure Strip, 3/4"x1"x40"

LOCKUPS

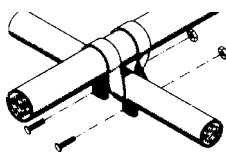
Lockups are designed for connecting purlin and bows and are also excellent for building bench frames, sidewall ventilation vent headers and anywhere there is a need for perpendicular pipe connection. No screws or electrical tools are needed, simply hammer to install by inserting the wedge and tapping. Easy to disassemble if needed. Made of galvanized steel it will not stretch or expand under pressure like aluminum.



CATALOG #	DESCRIPTION
17-961313	1.315" x 1.315" Lockup
17-961315	1.315" x 1.66" Lockup
17-961319	1.315" x 1.90" Lockup

CROSS CONNECTORS w/ HARDWARE

Used to attach purlins. The 1-3/8" x 1-3/8" is used for our 20', 21', and 24' greenhouses. The 1-5/8" x 1-3/8" is used on our 30' greenhouses.



CATALOG #	DESCRIPTION
17-970101	Cross Connectors, 1" x 1"
17-971313	Cross Connectors, 1-3/8" x 1-3/8"
17-971513	Cross Connectors, 1-5/8" x 1-3/8"

TENSION BANDS

Used on greenhouse endwalls to fasten 2 pieces of steel together.

USE 5/16" x 2" Carriage Bolt & Nut

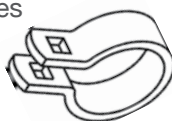


CATALOG #	DESCRIPTION
17-811300	Tension Bands, 1-3/8" HD11010
17-811500	Tension Bands, 1-5/8"

BRACE BANDS

Used to attach truss rods, crossbraces to our E-zy Grower Greenhouses.

USE 5/16" x 2" Carriage Bolt & Nut

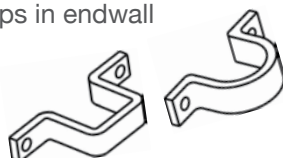


CATALOG #	DESCRIPTION
17-801300	Brace Bands, 1-3/8" HD13010
17-801500	Brace Bands, 1-5/8" HD13020
17-800-00	Brace Bands, 2" HD13030

QUARTER CLAMPS

Use the 1-3/8" Round quarter clamps to hold purlins to the first and last bow. Use the 1-1/4" Square quarter clamps in endwall construction.

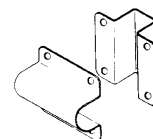
USE 1/4" x 1" Tek Screws



CATALOG #	DESCRIPTION
17-821300	Quarter Clamps, 1-3/8" Round
17-821200	Quarter Clamps, 1-1/4" Square

BENCH CLAMPS w/ HARDWARE

Round or square varieties.

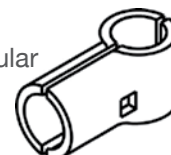


CATALOG #	DESCRIPTION
17-950101	1" Round Aluminum Bench Clamp
17-951313	1-3/8" Round Aluminum Bench Clamp
17-951212	1-1/4" Square Aluminum Bench Clamp
17-951113	1" x 1-3/8" Rd Aluminum Bench Clamp w/hardware
17-950112	1" Rd x 1-1/4" Sq Aluminum Bench Clamp w/hardware
17-951312	1-3/8" Rd x 1-1/4" Sq Aluminum Bench Clamp w/hardware

SPLIT T

Three way clamp used on ends to connect tubing together at perpendicular angles.

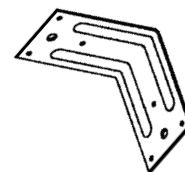
USE 5/16" x 2" Carriage Bolt & Nut



CATALOG #	DESCRIPTION
17-921313	Split T, 1-3/8" x 1-3/8" HD2711
17-921513	Split T, 1-5/8" x 1-3/8" HD27121
17-921515	Split T, 1-5/8" x 1-5/8" HD27122

STEEL BENCH CORNER

Used to finish off bench top corners on our E-zy Grower Benches.



CATALOG #	DESCRIPTION
17-701040	Steel Bench Corner

STRAP CLAMPS

These clamps are great for fastening to baseboards without any drilling. Sizes: 1.315", 1.625", 1.9".

USE 1/4" x 1" Tek Screws



CATALOG #	DESCRIPTION
18-992110	Strap Clamp 1" w/ 2 holes
18-992111	Strap Clamps, 1-1/4" w/ 2 holes
18-992112	Strap Clamps 1-1/2" w/ 2 holes

WONDER WATERER™

SAFE, GENTLE WATERING OF YOUNG SEEDLINGS FOR SUCCESSFUL EARLY GROWTH.

A must for greenhouses, the Wonder Waterer's™ laser-cut faceplate creates a soft, uniform spray pattern that won't disturb delicate young seedlings. The faceplate is removable for easy cleaning, and the system includes an in-line filter and a metal shut-off valve between the wand and handle for improved strength and durability.



PRODUCT	CATALOG #	DESCRIPTION
	79-411200	Wonder Waterer <i>COMPLETE</i>
	79-411214	Wonder Waterer <i>GOLD</i>
	79-411205	Wonder Waterer <i>ONLY</i>
	79-411209	Face Plate
	79-411203	Filter Strainer
	79-411202	Grip Handle Fiter Case w/Stainer

WATER N' ACCESSORIES

PRODUCT	CATALOG #	DESCRIPTION
	79-434300	30" E-zzy Water N' Wand w/ foam insulated handle
	79-431001	Royal Purple Shut-Off Our economical one-way royal purple shut-off has a longer handle for easy operation.
	79-435001	Full Flow Plastic Shut-Off This heavy duty plastic shut-off comes with a purple handle and has a full port valve.
	79-433001	#34H Brass Shut-Off w/ Swivel Solid brass one-way shut-off with a swivel connector and large handle for easy use.
	79-613002	Brass Shut-Off #300EG Solid brass shut-off with hose to hose connection and large handle for easy use.
	79-432002	Regal 400 Water N' Head This plastic nozzle has over 400 holes in the faceplate. It is easy to locate and a great nozzle for all your general watering needs.
	79-430100	Royal Softie Water N' Head Stainless steel face plate w/ 1000 plus die cut holes create a soft spring shower for watering seedlings and plugs.
	79-432000	Regal Fan Water N' Head Lightweight, sturdy plastic body provides gentle shower spray. Includes easy turn flow control, shut off, and attached ground stake option.
	79-432331	Noble Water N' Head A very uniform soft spray that won't damage your plants. Face plate is removable for cleaning and won't dent causing distortion in the watering pattern.
	79-431211	Zinc Y Shut-Off Sturdy die cast zinc construction.



TUBING

POLYETHYLENE TUBING

Size	I.D.	O.D.	Wall
1/2" Tube:	.600"	.700"	.050"
3/4" Tube:	.820"	.940"	.600"

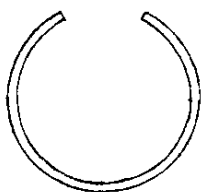


Spaghetti Tubing

Super flex UV White & Black tubing.

CATALOG #	ITEM #	DESCRIPTION
78-125011	n/a	1/2" x 100' Polyethylene Tubing
78-125050	n/a	1/2" x 500' Polyethylene Tubing
78-125010	n/a	1/2" x 1000' Polyethylene Tubing
78-127501	n/a	3/4" x 100' Polyethylene Tubing
78-127550	n/a	3/4" x 500' Polyethylene Tubing
78-601001	14106120-01	1" x 100' Polyethylene Tubing
78-601005	14106120	1" x 500' Polyethylene Tubing
78-610111	15FPEW53	White Spaghetti Tubing 1000'
78-610130	15FPE53	Black Spaghetti Tubing 3000'

FITTING FOR TUBING



Aluminum Sleeve

Designed to hold 3/4" poly tubing securely and evenly on suspended irrigation systems.



Line Ends

Water flow is stopped by sliding end of poly tubing through one loop, crimping the tubing and securing it by pushing it through the other loop.



In-Line Shut-Off

Durable plastic valve for use with poly tubing.



Power Clamps

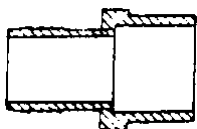
Adjustable stainless steel clamp used to secure insert fittings inside polyethylene tubing.

CATALOG #	ITEM #	DESCRIPTION
13-301240	n/a	Aluminum Sleeve 20' length
77-880050	n/a	Line End for 1/2" Tubing
77-588900	n/a	Line End for 3/4" Tubing
78-700122	58ISV520	Inline Shut-Off 16mm
78-700120	58ISV600	Inline Shut-Off 1/2"
78-700121	58ISV820	Inline Shut-Off 3/4"
79-350690	#6	1/2" Power Clamp
79-350691	#10	5/8" Power Clamp
79-350692	#12	3/4" Power Clamp

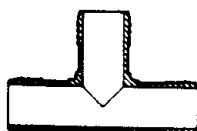
POLY PIPE INSERT FITTINGS

Mix & Match! Order 100 or more poly pipe fittings and save an **EXTRA 5%!**

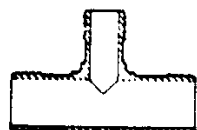
PVC/Poly Adapter
poly insert x pvc slip



Tee (A)
insert x insert x insert



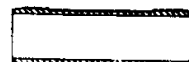
Reducing Tee (B)
insert x insert x insert



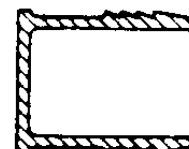
Reducing Tee (C)
insert x insert x fpt



Coupling
insert x insert

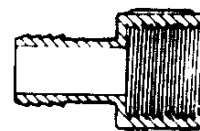


Plug
insert

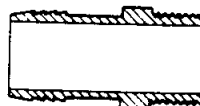


Catalog #	Item #	Description
81-140105	1401-005	1/2" Tee (A)
81-140107	1401-007	3/4" Tee (A)
81-140174	1401-074	1/2" x 1/2" x 3/4" Reducing Tee (B)
81-140111	1401-101	3/4" x 3/4" x 1/2" Reducing Tee (B)
81-140113	1401-131	1" x 1" x 3/4" Reducing Tee (B)
81-140205	1402-005	1/2" x 1/2" x 1/2" Reducing Tee (C)
81-140207	1402-007	3/4" x 3/4" x 3/4" Reducing Tee (C)
81-140211	1402-101	3/4" x 3/4" x 1/2" Reducing Tee (C)
81-142905	1429-005	1/2" Coupling
81-142907	1429-007	3/4" Coupling
81-143505	1435-005	1/2" Female Adapter (A)
81-143507	1435-007	3/4" Female Adapter (A)
81-143510	1435-010	1" Female Adapter (A)
81-143605	1436-005	1/2" Male Adapter (B)
81-143607	1436-007	3/4" Male Adapter (B)
81-143610	1436-010	1" Male Adapter (B)
81-143674	1436-074	3/4" x 1/2" Reducing Male Adapter (C)
81-140613	1406-131	1" x 3/4" Reducing slipxslip
81-143611	1436-101	1/2" x 3/4" Reducing Male Adapter (C)
81-143613	1436-131	3/4" x 1" Reducing Male Adapter (C)
81-140605	1406-005	1/2" 90° Elbow (A)
81-140607	1406-007	3/4" 90° Elbow (A)
81-140610	1406-010	1" 90° Elbow (A)
81-140705	1407-005	1/2" 90° Elbow (B)
81-140707	1407-007	3/4" 90° Elbow (B)
81-144905	1449-005	1/2" Plug
81-144907	1449-007	3/4" Plug
81-144910	1449-010	1" Plug

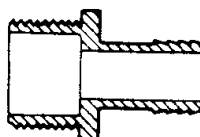
Female Adapter (A)
insert x fpt



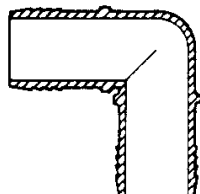
Male Adapter (B)
insert x mpt



Reducing Male Adapter (C)
insert x mpt



90° Elbow (A)
insert x insert



90° Elbow (B)
insert x fpt



90° Reducing Elbow (C)
insert x insert



RISERS, FITTINGS & PUNCHES

Risers



Shut-Off Cap



Red Weight w/ Shut-off



Barb Connector



Stabilizer Peg



Tee #2



Tee #4



Insert Connector Barb x Thread



Blue Punch



Yellow Punch

Catalog #	Item #	Description
81-882-20	882-120	Riser 1/2" x 12" length
81-882150	882-150	Riser 1/2" x 15" length
81-882180	882-180	Riser 1/2" x 18" length
81-882240	882-240	Riser 1/2" x 24" length
81-882360	882-360	Riser 1/2" x 36" length
81-883360	883-360	Riser 3/4" x 36" length
81-430005	430-005	Coupling 1/2" fpt x fpt
81-430007	430-007	Coupling 3/4" fpt x fpt
77-897272	11897272	Female Coupling 1/2" fpt x 1/2 fpt
80-520102	2010-02	Female Adapter 1/2" fpt X 1/8" fpt
80-520202	2020-02	Female Adapter 1/2" slip X 1/8" fpt
80-826325	009-63254	Nozzle Adapter 1/2" fpt X 3/8" fpt
78-700022	1109006-B	Insert Connector Barb x Thread
78-700032	11090552-B	Tee #2 (thread x thread x barb)
78-700070	1107737-B	Dual Goof Plug
78-700060	1107008C-B	Red Plastic Weight w/ shut-off
78-700090	11WPSCAP	Shut-Off Cap
78-700040	01ADP4WP-B	Stackable Upright 4-Way
77-890710	11890710	Barbed Butterfly
77-897016	11897016	Taper Thread Butterfly 3/8"
77-897030	11897030	Butterfly 3/8" Thread x 4/7 Barb
77-897001	11897001	1/2" Male Base
78-700130	682901033	Blue Punch 3mm
78-149903	DP2A	Yellow Punch w/ 3 tips
78-149901	DP3Y	Replacement Tip - yellow
78-149900	DP3G	Replacement Tip - green
78-149902	DP3R	Replacement Tip - red
77-897052	1187052	Orange/White Weight
77-590021	11990308	Leak Prevention
76-199002	12071006	2.5mm Hole Punch - blue
80-766000	NET 03302-B	Conical Adapter
79-021075		3/4" Ball Valve
79-021100		1" Ball Valve



Female Adapters



Dan Bridge



Stackable Upright 4-Way



Dan LPD



Butterfly x Thread x Barb



Taper Thread Butterfly



Barbed Butterfly

FILTERS & PRESSURE REGULATORS



SPIN CLEAN FILTERS

Incoming dirty water is forced through a directional nozzle plate onto the inside of the stainless steel screen. This creates a centrifugal action which rotates debris down the screen wall to the large debris holding basin. Debris is flushed out via a ball valve or unscrewing cap. Spinning action keeps more of the screen area clean, minimizing pressure losses due to excess dirt build-up.



PRESSURE REGULATOR

with 3/4" Pipe Threads

Designed to maintain a constant factory-preset outlet pressure when inlet pressure varies. Pressure Regulators should be used after each manual valve on lateral lines, and should be placed as close to the area to be irrigated as possible. Durably constructed of high-impact engineering-grade thermoplastics and stainless steel. The flow range on all listed pressure regulators is 3.5 to 20 gpm.



PRESSURE REGULATOR

Precision Diaphragm - Type

- No Adjustments Ever Needed
- Maintains Constant Outlet Pressure
- Very Low Hysteresis & Friction Loss
- 3/4" Flow Range: 2-20 gpm
- 1" Flow Range: 10-32 gpm



ARKAL DISC FILTER

Arkal Disc Filters are designed to filter water throughout the entire depth of every groove. As water travels through the filter, grooves in the disc form a network that traps both organic and inorganic contaminants.



CATALOG #	ITEM #	DESCRIPTION	MESH
78-910412	25A45-120	3/4" Netafim Arkal Disc Filter (sprinklers, drip systems)	120
78-910714	25A45-140	3/4" Netafim Arkal Disc Filter (mist systmes)	140
78-911012	25A47-120	1" Netafim Arkal Disc Filter (sprinklers, drip systems)	120
78-911014	25A47-140*	1" Netafim Arkal Disc Filter* (mist systmes)	140
78-911512	25A17-120*	1½" Netafim Arkal Disc Filter* (sprinklers, drip systems)	120
78-911514	25A17-140*	1½" Netafim Arkal Disc Filter* (mist systmes)	140
78-234201	4E-3/4B-100	3/4" Spin Clean Filter, 100psi, 11gpm max	100
78-900720	32PRV.75-20V2K	20 psi Netafim Pressure Regulator, 3/4" (drippers, spray stakes, inline drippers)	
78-900735	32PRV.75-35V2K	35 psi Netafim Pressure Regulator, 3/4" (sprinklers, pressure compensating drippers)	
80-190202	PMR-20MF	20 psi Senninger Pressure Regulator 3/4" inlet & outlet	
80-190402	PMR-40MF	40 psi Senninger Pressure Regulator 3/4" inlet & outlet	
80-190403	PR-40HF	40 psi Senninger Pressure Regulator 1" outlet & 1-1/4" inlet	

SIZE THE HEAD CONTROL COMPONENTS

The Components should be sized according to the flow range shown in the Filter, Valve & Pressure Regulator Sizing chart. The pipe connecting to the components can be of a different size.



Filter, Valve and Pressure Regulator Sizing

	Flow Range (GPM)	Unit Size	Model Number
Electric Valve (AC)	.01 - 26	3/4" Globe	61ET.75GH2
	.01 - 44	1" Globe	61ET1GH2
	.25 - 110	1 1/2" Globe	61ET1.5GH2
	.25 - 176	2" Globe	61ET2GH2
Disc Filter (120 mesh)	1 - 12	3/4"	25A45-120
	1 - 26	1"	25A47-120
	1 - 52	1 1/2" Super	25A17-120
	1 - 110	2" Dual Lite	25A2DL-120
Pressure Regulator (35 psi)*	4.5 to 17.6	3/4"	32PRV.75-35V2K
	11 to 35	1 1/2"	32PRV1.5-35V2K
	22 to 70	2" (x4)	32PRV2-435V2K

*A 35 psi regulator will typically provide the desired 30 psi average sprinkler pressure after line and component pressure losses.

HOSES **DRAMM**

Dramm ColorStorm-Professional Rubber Hose is made from EPDM rubber for a "crackless" hose cover that is resistant to abrasion and weathering.

This reinforced hose is hexagonal in shape to reduce kinking. The design of the hose allows a user to easily pull free any kinks that may occur. Our hexagonal Sure-Grip™ cover creates a softer surface for a more comfortable grip.

Each hose has crush-proof, nickel plated, brass fittings for an exact fit that will survive years of use.

Dramm Professional ColorStorm Hose now says "Don't Tread On Me!" Our bright yellow hose is labeled "CAUTION TRIPPING HAZARD" to further prevent accidents. This feature is great for garden centers, landscapers and contractors... anyone worried about customers tripping. ColorStorm-Professional Rubber Hose is available in 5/8" and 3/4" diameters and in 50', 75' and 100' lengths standard. Custom lengths and bulk rolls are available.



CATALOG #	ITEM #	DESCRIPTION
79-116050	17013	Colorstorm Rubber Hose 3/4" x 50'
79-116075	17213	Colorstorm Rubber Hose 3/4" x 75'
79-116100	17313	Colorstorm Rubber Hose 3/4" x 100'
79-116150	17003	Colorstorm Rubber Hose 5/8" x 50'
79-116175	17203	Colorstorm Rubber Hose 5/8" x 75'
79-116200	17303	Colorstorm Rubber Hose 5/8" x 100'

PVC RED CONTRACTOR HOSE

This super tough reinforced vinyl hose is made to be on the job in heavy duty applications with contractors, growers, equipment operators as well as for industrial applications.



Catalog #	Description
79-173430	PVC Red Contractor Hose 3/4" x 300', 150 PSI (unfinished ends)

Phytotronics, Inc.

Hi-HOSE WATERING SYSTEM

- Keeps watering hose off of the floor and out of the way
- Labor-saving, cost-cutting, efficient
- Kits available for 50, 75 and 100 foot greenhouses
- Includes: coupled 5/8" "Blue Ribbon" hose w/anti-kink hangers preinstalled, swivel pulleys, galvanized aircraft cable, wire rope clamps, and a turnbuckle
- Hundreds of systems in use
- Assembly instructions included



6320	High Hose Kit 50 foot
6322	High Hose Kit 75 foot
6324	High Hose Kit 100 foot

*NOTE: Kit HH-100 requires a center support and wither 2 faucets (one at either end); or a splitter at the center of the greenhouse.

HOSE FITTINGS & ACCESSORIES

PRODUCT	CATALOG #	ITEM #	DESCRIPTION
	79-301091	50336	Quick Connect (N109C)
	79-301093	50335	Quick Connect 2/pack (N109MC)
	79-350178		Rubber Washers 10/pk
	79-301656	50339	Quick Seals 3/pack
	79-301070	50382	Filter Washers 3/pack
	79-304849	50577	Brass Male/Female (3/4" mpt x 3/4" fht)
	79-304851	50578	Brass Male/Female (3/4" mht x 3/4" fpt)
	79-304833	50573	Brass Male (3/4" mht x 3/4" mht)
	79-304905	50575	Brass Swivel (1/2" fpt x 3/4" fht swivel)
	79-304907	50576	Brass Swivel (3/4" fpt x 3/4" fht swivel)
	77-990310	31-FVFPT-H	Automatic Drain Valve
	79-351761	22RM58	Male Coupling (brass, repairs 5/8" hose)
	79-351762	22RM34	Male Coupling (brass, repairs 3/4" hose)
	79-351764	22RF58	Female Coupling (brass, repairs 5/8" hose)
	79-351765	22RF34	Female Coupling (brass, repairs 3/4" hose)
	79-350690	#6	Power Clamp (fits 1/2" poly tube)
	79-350691	#10	Power Clamp (5/8" adjustable, stainless steel)
	79-350692	#12	Power Clamp (3/4" adjustable, stainless steel)
	78-310100	CP3S99	Band-It Clamp, 13/16" x 3/8"
	78-310200	CP311S	Band-It Clamp, 1-3/8" x 3/8"
	78-310400	CP4S99	Band-It Clamp, 1" x 5/8"
	78-310300	CP8S99	Band-It Clamp, 2" x 5/8"
	78-320999	SO3869	Band-It Center Punch Tool

FHT=FEMALE HOSE THREAD, FPT=FEMALE PIPE THREAD, MHT=MALE HOSE THREAD, MPT=MALE PIPE THREAD

WATERING TOOLS

DRAMM

COLORSTORM WATER TIMER

Water from 15 minutes to 2 hours, no complicated programming - simply turn the dial to the desired time. This water timer is all mechanical, so there are no batteries to buy, replace or corroding to worry about. Simply attach to your hose. Easy to see, set, and read. Auto shut off. Durable plastic construction. Lifetime guarantee.



CATALOG #	DESCRIPTION
75-705000	Dramm ColorStorm Water Timer

WATERING CAN

Perfect for indoor/outdoor use. Houseplant watering is easy with the far reaching spout. Detachable plastic rose. Made from high-grade, durable plastic. Won't rust, leak or corrode. Made in Switzerland.

CATALOG #	ITEM #	DESCRIPTION
79-212820	B2LC	2 Liter Watering Can (1/2 gallon)
79-215820	B5LC	5 Liter Watering Can (1-1/3 gallon)
79-217820	B7LC	7 Liter Watering Can (1-3/4 gallon)
79-210820	B10LC	10 Liter Watering Can(2-1/2 gallon)



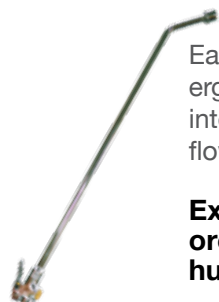
FOGG-IT NOZZLES & POT MIST WATERER

The Fogg-It Nozzle has 3 mist jets which create a conical spray pattern. Made in the USA from solid brass.

- **Superfine 0.5gpm**
For delicate flowers such as seedlings, fuchsias, begonias and other greenhouse crops.
- **Fine 1.0gpm**
For delicate flowers, newly planted lawns and general use.
- **Low Volume 2.0gpm**
For spraying foliage, ferns, tropical plants and general use.
- **Heavy Volume 4.0gpm**
Where extra-heavy volume is needed.



Catalog #	Description
79-525005	Superfine Nozzle
79-520106	Fine Nozzle
79-520203	Low Volume Nozzle
79-520401	Heavy Volume Nozzle
79-531400	14" Pot Mist Watering Wand
79-532400	24" Pot Mist Watering Wand



Each Pot Mist Waterer has an ergonomic thumb valve and two interchangeable heads; a gentle free flow and a mist spray head.

Excellent for bedding plants, orchids and anywhere high humidity is desired.

ONE TOUCH VALVE

The One Touch™ 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. Made from rubber over molded, die-cast zinc with machined brass male threads, the One Touch is made to last.



CATALOG #	DESCRIPTION
79-210997	Dramm One Touch Valve

WATERING BREAKERS

DRAMM

#1000PLC Redhead 79-221006

The Red 1000PL is the standard Redhead with a medium pattern.



#1000PLN Green 79-221010

Green Narrow Pattern is perfect for focused watering where more control is required.



#1000PLW Orange 79-221015

Orange Wide Pattern throws a wider pattern than the standard Redhead, offering the ability to cover more area with a soft, gentle flow.



#750 Lemonhead Water Breaker 79-221750

Soft full-flow watering nozzle. 750 holes create an ultra-soft shower with much less water.



#400PLC Water Breaker 79-224006

Provides fast, full-flow watering without damage to your plants. Made from high-impact plastic and aluminum.



OneTouch Valve 79-210997

The OneTouch Valve offers thumb-tip control of your water flow. With 11 gpm output and a long life, the OneTouch Valve offers flexibility when watering.



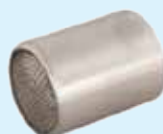
#400ALC Water Breaker 79-224004

The aluminum 400 water breaker provides fast, full-flow watering without damage to your plants.



#170ALC Water Breaker 79-221704

Excellent for watering in areas with low water pressure or with systems which restrict total water volume.



Touch N' Flow Pro 79-210998

The 65 Touch N'Flow Pro Trigger Valve offers durability and high flow in a trigger valve.



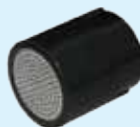
#510C Seedling 79-224006

The Seedling Nozzle allows you to water fragile plants, delicate seedlings or plant cuttings.



#170PL Water Breaker 79-221706

The 170PL is an excellent choice for watering in areas with low water pressure or with systems which restrict total water volume.



Brass Rose 79-223405

Our Brass Rose features an extra wide spray pattern, which allows you to increase the speed of hand watering.



HANDI-REACH WANDS

Handi-Reach Wands, known for their light weight and durability, are constructed of extra hand-drawn aluminum tubing, with corrosion-free brass couplings. Fits standard hose connections.

Curved Handi-Reach Wands are the perfect angle to water those hard to reach hanging baskets. A must in every garden center!

The 6" Handi-Grip is all about comfort, it's a short length of the Handi-Reach with a foam cushion grip.

Catalog #	Item #	Description
79-210061	106-GC	6" Handi-Grip
79-210161	116-GC	16" Hand-Reach
79-210241	124-GC	24" Handi-Reach
79-210301	130-GC	30" Handi-Reach
79-210361	136-GC	36" Handi-Reach
79-210481	148-GC	48" Handi-Reach
79-210362	136-GBC	36" Handi-Reac Curved
79-210482	148-GBC	48" Handi-Reac Curved



SELECTING A SPRINKLER FOR WATERING:

STEP 1

Visualize the Greenhouse

Evaluate the location of obstacles such as curtains or hanging baskets. Consider aisles and whether they can be wetted. Review cultural practices which might impact the height at which the sprinklers should be placed.

STEP 2

Select a Sprinkler Head for Watering Applications

All sprinkler solutions are based on an average sprinkler working pressure of 30 psi and spacing between the sprinklers of three feet.

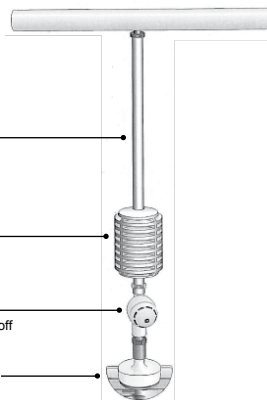
UV White™
PE Tubing
Clean look
and cooler
water temp

Super Flex UV
White™ PE Tubing
Soft, flexible 417mm
white tubing

Stabilizer Weight
Keeps sprinkler plumb

Check Valve
Prevents line drainage;
provides instantaneous on-off

Mister, Sprayer, Spinner
Determines wetted pattern



Ordering Guide (All come with Check Valve)

Catalog #	Item #	Description	Flow (gph)
78-150015	030150-B	Vibro-Spray Green Nozzle	13.6
78-330050	03551200070L-B	SpinNet Red Body, Red Mist Control, Grey Spinner	18.4
78-330030	03551200070GL-B	SpinNet Red Body, Red Mist Control, Green Spinner	18.4
78-334430	03551600090GL-B	SpinNet Brown Body, Brown Mist Control, Green Spinner	23.4
78-331450	03552000090L-B	SpinNet Yellow Body, Brown Mist Control, Grey Spinner	23.4



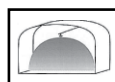
Single Bench Solutions

Bench Width (ft)	Spacing Bewteen Sprinklers (ft)	Height Above Crop	
		2'	4'
4	3	VS-GN	VS-GN
5	3	VS-GN	VS-GN
6	3	VS-GN	VS-GN
7	3	SN-RRGY	SN-RRGY
8	3	SN-RRGY	SN-RRGY
10	3	SN-RRGY	SN-RRGY



Two Line Solutions for Single Bay or Quonset

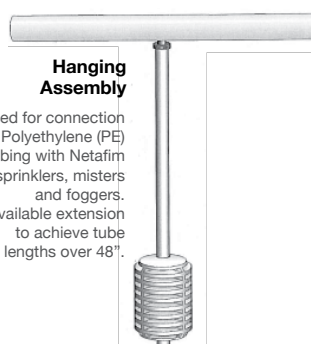
Bench Width (ft)	Spacing Bewteen Sprinklers (ft)	Spacing Between Sprinkler Lines (ft)	Height Above Crop		
			2'	4'	6'
24	3	14	SN-RRGY	SN-RRGY	SN-RRGY
26	3	14	SN-RRGY	SN-RRGY	SN-RRGY
28	3	14	SN-RRGY	SN-RRGY	SN-RRGY
30	3	16	SN-RRGY	SN-RRGY	SN-RRGY
32	3	18	SN-RRGN	SN-RRGY	SN-RRGY
34	3	20	SN-RRGN	SN-RRGN	-
36	3	21	SN-RRGN	SN-RRGN	-



One Line Solutions for Single Bay or Quonset

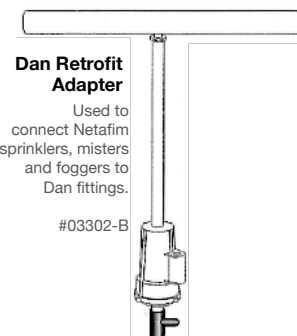
Bench Width (ft)	Spacing Bewteen Sprinklers (ft)	Height Above Crop		
		2'	4'	6'
12	3	SN-RRGY	SN-YBGY	SN-YBGY
14	3	SN-RRGY	SN-YBGY	SN-YBGY
16	3	SN-RRGN	SN-YBGY	SN-YBGY
18	3	SN-RRGN	SN-RRGN	SN-YBGY
20	3	SN-RRGN	SN-RRGN	SN-BBGN
22	3	-	SN-RRGN	SN-BBGN
24	3	-	SN-RRGN	SN-BBGN

Catalog #	Hanging Assembly:	Pack
78-301202	#0300HSAC-12-B 12"	25
78-302402	#0300HSAC-24-B 24"	25
78-303002	#0300HSAC-30-B 30"	25



Hanging Assembly

Used for connection to Polyethylene (PE) tubing with Netafim sprinklers, misters and foggers. Available extension to achieve tube lengths over 48".



Dan Retrofit Adapter

Used to connect Netafim sprinklers, misters and foggers to Dan fittings.

#03302-B

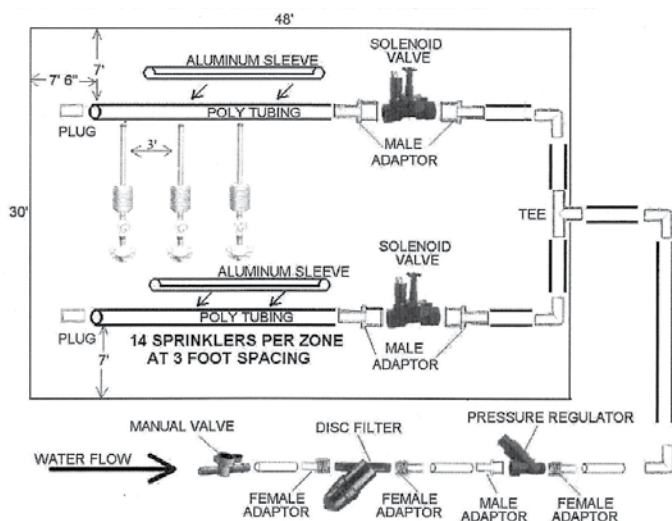
Catalog #	Hanging Assembly:	Pack
78-303602	#0300HSAC-36-B 36"	25
78-304802	#0300HSAC-48-B 48"	25
78-329902	#0300HSAC-48X-B extension**	25

*Price listed by each, but sold by pack increments ONLY.

**For increasing tube lengths over 48".

SAMPLE SPRINKLER SYSTEMS

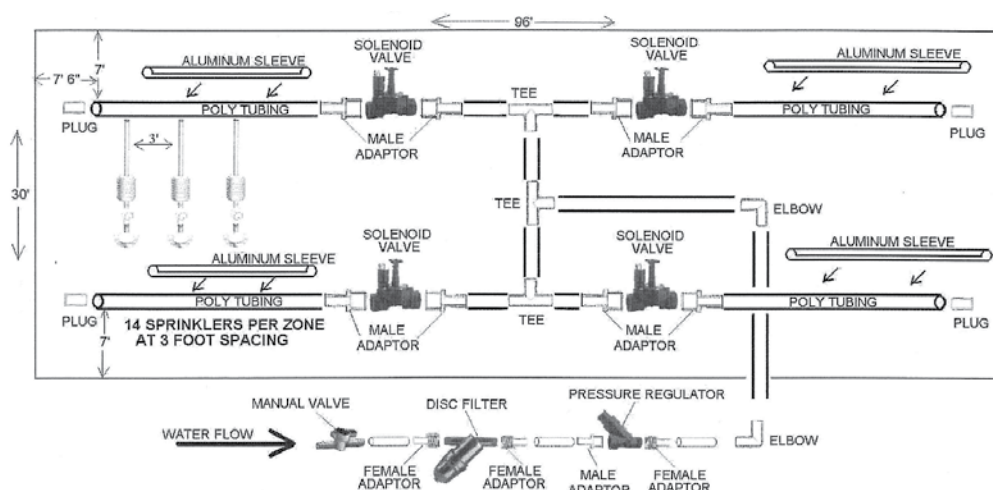
30' x 48' SPRINKLER SYSTEM 2-ZONE



CALL FOR STARTING PACKAGE PRICE

See page 12 for package parts breakdown. Includes controller.

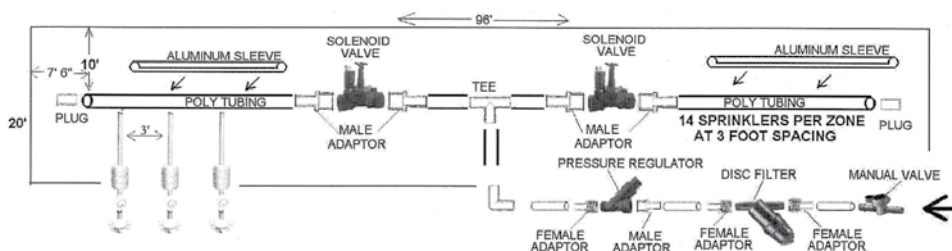
30' x 96' SPRINKLER SYSTEM 4-ZONE



CALL FOR STARTING PACKAGE PRICE

See page 12 for package parts breakdown. Includes controller.

20' x 96' SPRINKLER SYSTEM 2-ZONE



CALL FOR STARTING PACKAGE PRICE

See page 12 for package parts breakdown. Includes controller.

SPRINKLER SYSTEM PRICING				
30 X 96 QTY	30 X 48 QTY	20 X 96 QTY	Catalog #	Description
3	2	2	78-127501	3/4" x 100' Poly Tubing
9	5	5	13-301240	20' Aluminum Sleeve
1	1	1	78-700121	3/4" Insert In-Line Shut-Off
4	2	2	81-144907	3/4" Plug (1449-007)
3	1	1	81-140107	3/4" Tee (1401-007)
2	4	1	81-140607	3/4" Elbow (1406-007)
1	1	1	78-900735	3/4" Pressure Regulator (35psi, 32prv. 75-35)
1	1	1	78-910714	3/4" Arkal Disc Filter (140 mesh, 25A45-140)
1	1	1	81-143607	3/4" Male Adapter (1436-007)
3	3	3	81-143507	3/4" Female Adapter (1435-007)
4	2	2	75-400205	1" Solenoid Valve (205TF)
8	4	4	81-143613	3/4" x 1" MPT Reducer Male Adapter (1436-131)
31	22	13	79-350692	3/4" Stainless Steel Clamp (#12)
56	28	28	78-303002	30" Hanging Base Assembly (0300HSAC-30-B)
0	0	28	78-330030	SN-RRGN SpinNet Green Spinner & Check Valve
56	28	0	78-330050	SN-RRGY SpinNet Grey Spinner & Check Valve
1	1	1	78-700130	Blue Sprinkler Punch
				Rain Dial R6 Station

ORDER GUIDE

CODE	DESCRIPTION	MODEL NUMBER	FLOW(GPH)
VN-BL	VibroNet Blue Nozzle w/Check Valve	035404L-B	10.4
VN-GN	VibroNet Green Nozzle w/Check Valve	0354050L-B	13.2
R-R-BL	SpinNet Red Mist Control, Red Body, Blue Spinner w/Check Valve	0355120070BL-B	18.4
BR-BR-BL	SpinNet Brown Mist Control, Brown Body, Blue Spinner w/Check Valve	0355160090BL-B	23.4
R-R-GY	SpinNet Red Mist Control, Red Body, Grey Spinner w/Check Valve	03551200070L-B	18.5
BR-Y-GY	SpinNet Brown Mist Control, Yellow Body, Grey Spinner w/Check Valve	03552000090L-B	23.4
R-R-GN	SpinNet Red Mist Control, Red Body, Green Spinner w/Check Valve	03551200070GL-B	18.4
BR-BR-GN	SpinNet Brown Mist Control, Brown Body, Green Spinner w/Check Valve	03551600090GL-B	23.4

SELECTING A MISTER OR FOGGER

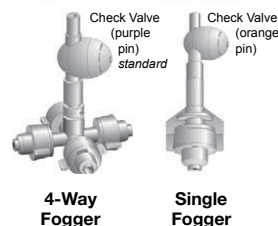
Select a Sprinkler Head for Misting, Propagating and Cooling Applications

COOLNET FOGGER

The Coolnet Fogger is the best nozzle for propagation. It creates a zone of saturated humidity that is ideal for rooting.

HUMIDIFYING HEAD ASSEMBLIES			
Catalog #	Model #	Description	Bag Qty
78-251828	0306643LL-B* (Standard)	Coolnet Fogger, 4 Nozzles w/ Check Valve Purple Pin, 8.1 GPH @ 60psi (opening pressure 28psi)	25
78-252858	0306643HL-B (Special Order)	Coolnet Fogger, 4 Nozzles w/ Check Valve Orange Pin, 8.1 GPH @ 60psi (opening pressure 58psi)	25

* For use where pressures over 28psi are not available.



VIBRONET SPRINKLER

The Vibronet Sprinkler is used for light watering or propagation on a single bench up to 6 feet wide.

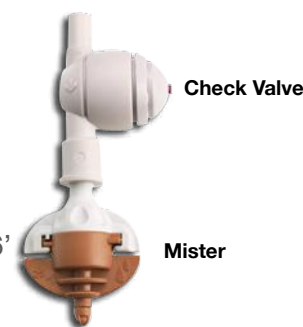
**For Misting
Single Benches**



VIBRONET MISTER

For Misting Larger Areas
The Vibro-Mist Mister is used when a light mist is required for watering, for example when germinating seeds. The highest uniformity is found with spacings of 4' x 4', 4' x 6' and 3' x 7'.

For Misting Large Areas



MODEL #	DESCRIPTION	BAG QTY
0354025L-B	Vibronet Mister w/ Check Valve, 9.29 gph Blue	25
0354050L-B	Vibronet Sprinkler, 10.4 GPH @ 30psi	25

SPINNET SPRINKLER

SpinNet micro sprinklers are constructed without a bridge to retain the spinner, producing a drip-less operation. This means that plants located below the sprinklers are not damaged from water dripping off the sprinkler.

SpinNet Sprinkler		
Model #	Description	Pack
03552000090L-B	SpinNet Sprinkler	25



Visit
www.waldoinc.com
today!



MISTING SYSTEM FOR 2 BENCHES 4' X 48'

Qty	Catalog #	Description
2	78-127501	3/4" x 100' Poly Tubing
5	13-301240	20' Aluminum Sleeve
1	78-700121	3/4" In-Line Shut-Off
2	81-144907	3/4" Plug (1449-007)
1	81-140107	3/4" Tee (1401-007)
1	81-140607	3/4" Elbow (1406-007)
1	78-900735	3/4" Pressure Regulator (35psi, 32prv.75-35V2K)
1	78-910714	3/4" Arkal Disc Filter (140 mesh, 25A45-140)
1	81-143607	3/4" Male Adapter (1436-007)
3	81-143507	3/4" Female Adapter (1435-007)
2	75-400205	1" Solenoid Valve (205TF)
4	81-143613	3/4" x 1" MPT Reducer Male Adapter (1436-131)
13	79-350692	3/4" Stainless Steel Clamp #12
28	78-303002	30" Hanging Base Assembly (0300HSAC-30-B)
28		Vibronet Green Sprinkler
1	78-700130	Blue Sprinkler Punch

RECOMMENDED CONTROLLER:

1	#1006	1626ET Misting 6-Zone Controller
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Note: Misting Heads are 2' to 4' above the crop, spaced 3 ft. apart. Jet-Clear Mister with Blue Nozzle delivers 10.9gph at 30psi.

ELECTRONIC LEAF™ #1400

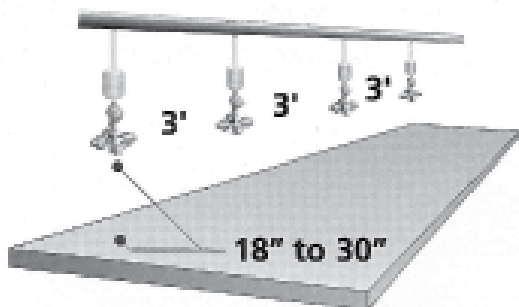


FEATURES:

- Works on the principle of evaporation – The weight of the mist settling on the stainless steel screen turns off the solenoid.
- When the water evaporates, the “leaf” rises and the cycle starts over by again turning on the solenoid valve.
- Each Electronic Leaf is supplied with a 24 volt AC transformer attached with 20' of bell wire. Durable Stainless steel housing
- L.E.D. signifies the solenoid is energized.
- Very easy to install – simply place on the misting bench, balance the “Leaf” and attach the wires to your solenoid valve (solenoid valve not included).
- Leaf is adjustable to provide more or less moisture to plants or cuttings.

MICRONET FOGGER INSTALLATIONS

ROOTING BENCHES (PROPAGATION) INFORMATION



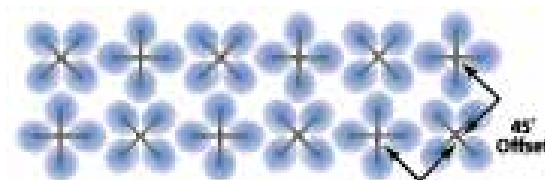
3 to 4 Foot Bench

The height of the fogger assembly should be 18" to 30" above the propagation material. The distance between the fogger assemblies should be 3 feet. (Place the lateral above the center of a 3 to 4' bench.)



Wide Bench

For wide benches (up to 8') use two lines of foggers equally distanced from the center of the bench. For large areas, use one row of foggers for every 4' width of area to be fogged.



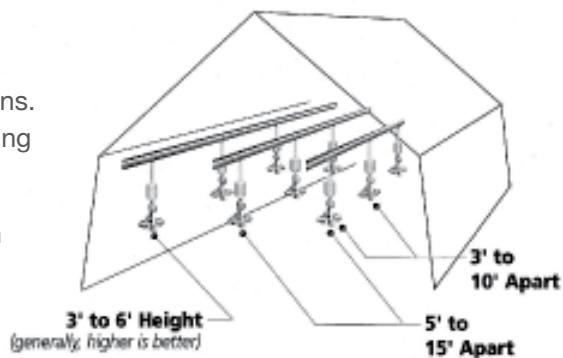
45° Offset

4-Way crosses should be placed at 45° angles to one another.

HUMIDIFICATION AND COOLING INFORMATION

- In order to maximize the cooling effect, exhaust fans are recommended to exchange the air about 20 times per hour.
- These recommendations are general and should be applied in accordance with local conditions and limitations.
- Duration of pulse and interval is to be fine-tuned according to local conditions; the timing provided is just a starting point.
- For crops that are not sensitive to wetting, the pulse can be prolonged, and/or the interval shortened.
- Other spacing can certainly be used with foggers; the spacings above give some reference points between spacing and operation intervals.

TYPICAL INSTALLATION FOR HUMIDIFICATION OR COOLING



GENERAL SPACING AND OPERATION FOR
HUMIDIFYING AND COOLING

Distance Between Fogger Units (ft.)	3	5	6.5	10	6.5	10
Distance Between Lines (ft.)	6.5	10.5	10	10	13	13
Single Fogger - Pulse (sec.)	3	5	10	20	30	40
Single Fogger - Interval (sec.)	50	30	50	60	111	85
4-Way Fogger - Pulse (sec.)	1	3	5	10	20	30
4-Way Fogger - Interval (sec.)	74	91	120	150	355	345

Cooling Considerations Include:

- Place foggers as high as possible
- Avoid spraying against the roof or structure
- Prevent precipitation by adjusting the cycle time

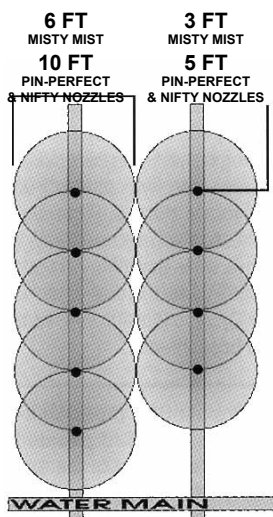
IRRIGATION SYSTEMS... THE SIMPLE SOLUTION

DRAMM

Dramm irrigation nozzles and assembly accessories allow you to create a simple, efficient overhead or “on-the-bench” spraying system. These nozzles can be configured for irrigation, mist cooling and humidifying. With the addition of timers, solenoid valves, chemical injectors and controllers you can automate and enhance your system. All Dramm nozzles can be interchanged or replaced with each other so you have the flexibility to design a system that is right for you.

Basic Installation:

Before you begin an installation, it is recommended that you install one pipeline based on the guidelines listed. After the first pipeline is installed, tested and adjusted, remaining lines can be set-up following the same specifications as the first. If you desire a different set-up, you will need to test the nozzle at the desired height in order to determine the spray diameter. Half of the spray diameter equals the distance nozzles should be spaced apart.



Installation & Spacing for Misty Mist Nozzles

Misty Mist Nozzles produce a 6' diameter spray pattern when your water pipeline is 5' above the crop. To provide uniform coverage the nozzles should be spaced 3' apart so that their spray patterns overlap. Multiple pipelines should be spaced 6' apart for complete coverage. To decrease the spray diameter of the nozzles to 5', lower the water pipeline to 3' over the crop and space the nozzles at 2-1/2' intervals. Multiple pipelines should then be spaced 5' apart for complete coverage.

Installation & Spacing for Pin-Perfect & Nifty Nozzles

Pin-Perfect & Nifty Nozzles produce a 10' diameter spray pattern when your water pipeline is 5' above the crop. To provide uniform coverage the nozzles should be spaced 5' apart so that their spray patterns overlap. Multiple pipelines should be spaced 10' apart for complete coverage. To decrease the spray diameter of the nozzles to 7', lower the water pipeline to 3' over the crop and space the nozzles at 3-1/2' intervals. Multiple pipelines should then be spaced 7' apart for complete coverage. To compensate for pressure loss and ensure uniform water distribution, simply change the color coded nozzle to the nozzle with the next higher output rate. This changing of nozzles will compensate for pressure loss and produce approximately the same amount of output all the way down the pipeline. As a rule of thumb, Dramm recommends changing color coded nozzles every sixth nozzle.

Filters: If your water supply contains debris like sand or algae, a 100 or 120 mesh filter is recommended so nozzles do not clog.

Flow Rate in Gallons Per Minute

Description	15 psi	22 psi	29 psi	36 psi	73 psi
Misty Mist - Blue/White	n/a	n/a	n/a	.17 gpm	.22 gpm
Misty Mist - Red/White	n/a	n/a	n/a	.27 gpm	.35 gpm
Misty Mist - Black/White	n/a	n/a	n/a	.39 gpm	.50 gpm
Nifty Nozzle Green	.40 gpm	.49 gpm	.57 gpm	.63 gpm	n/a
Nifty Nozzle Blue	.63 gpm	.77 gpm	.89 gpm	.99 gpm	n/a
Nifty Nozzle Orange	.90 gpm	1.10 gpm	1.28 gpm	1.43 gpm	n/a
Pin-Perfect Green	.69 gpm	.82 gpm	.95 gpm	1.08 gpm	n/a
Pin-Perfect Blue	.79 gpm	.95 gpm	1.11 gpm	1.27 gpm	n/a
Pin-Perfect Orange	.90 gpm	1.11 gpm	1.29 gpm	1.48 gpm	n/a

Water Pipe Line Set-Up

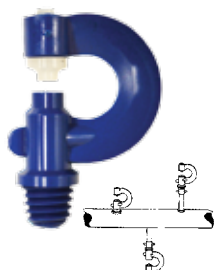
For new installations it is recommended using 1" or 3/4" diameter schedule 40 PVC pipe for Pin-Perfect/Nifty/Misty Mist nozzle systems. Nozzles can also be installed into galvanized or aluminum pipe. For Overhead systems, the pipeline is hung over the center of the crop to be watered and should be level with the ground. For On-The-Bench installations, the pipe is installed on and down the center of the bench. For 1/2" PVC Pipe Riser installations, the 1" or 3/4" pipeline is installed at ground level, down the center of the area to be watered. Risers should be connected at the proper nozzle spacing.

NOZZLES

FOR OVERHEAD
OR INVERTED IRRIGATION

DRAMM

MISTY MIST NOZZLE FOR OVERHEAD OR INVERTED IRRIGATION



360° Low - Medium Flow Rate Sprayer

Dramm 360° Misty Mist Nozzles are for overhead mist propagation, irrigating plugs or raising humidity levels. Misty Mist Nozzles produce a 6 foot diameter spray pattern when your water pipeline is 5 feet above the crop.

MISTY MIST NOZZLE FLOW RATE IN GALLONS PER MINUTE

Catalog #	Part #	Color	Orifice Diameter	36 PSI	73 PSI
80-110101	MM-BW	Blue/White	1.00 mm	0.17	0.22
80-110601	MM-KW	Black/White	1.50 mm	0.39	0.50

NIFTY NOZZLE FOR OVERHEAD OR INVERTED IRRIGATION



360° Medium - High Flow Rate Sprayer

Dramm 360° Nifty Nozzles offer a economical solution for simple overhead or on-the-bench watering systems. These "Nifty" nozzles produce a 10 foot diameter spray pattern when your water pipeline is 5 feet above the crop.

NIFTY MIST NOZZLE FLOW RATE IN GALLONS PER MINUTE

Catalog #	Part #	Color	Orifice Dia.	15 PSI	22 PSI	29 PSI	36 PSI
80-120300	360NN-GN	Green	2.00mm	0.40	0.49	0.57	0.63
80-140700	360NN-GR	Grey	2.25mm	0.51	0.62	0.72	0.80

PIN-PERFECT NOZZLE FOR OVERHEAD IRRIGATION



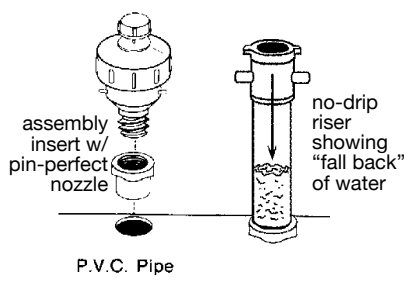
360° High Flow Rate, On-Off Sprayer

The "perfect" overhead watering nozzle for foliage plants, bedding plants, geraniums and all 4" to 6" pot crops. Pin-Perfect Nozzles can be easily turned "off" by pushing the pin down and "on" again by pulling the pin up. Each nozzle produces a 10 foot diameter spray pattern when your water pipeline is 5 feet above the crop.

PIN-PERFECT NOZZLE FLOW RATE IN GALLONS PER MINUTE

Catalog #	Part #	Color	Orifice Dia.	15 PSI	22 PSI	29 PSI	36 PSI
80-130300	PPN-GN	Green	2.65mm	0.69	0.82	0.95	1.08
80-130100	PPN-BL	Blue	2.80mm	0.79	0.95	1.11	1.27
80-130500	PPN-RD	Red	2.95mm	0.87	1.03	1.21	1.40

NOZZLE COMPONENTS:



assembly inserts



no-drip riser



drill tap



pipe adapter

Catalog #	Description
80-150999	Assembly Inserts
80-170999	Drill Tap
80-160999	No-Drip Risers
80-520102	Pipe Adapter #PN-2010 Threaded
80-520202	Pipe Adapter #PN-2020 Slip

DRIPPER ASSEMBLIES



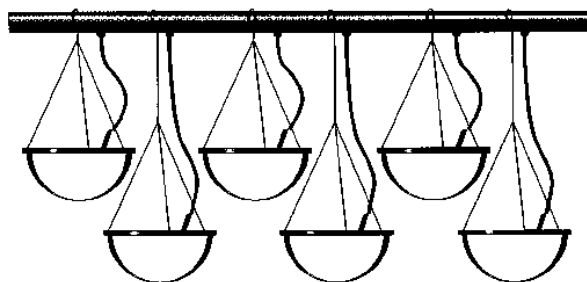
FOR HANGING BASKETS

You've Got Better Things To Do!

Don't waste your time watering by hand again this season. Netafim's drippers take the hassle out of watering baskets. They feature both pressure compensation and a built-in check valve. This combination of features (referred to as PCNL) is the highest level of technology available in drippers today. It ensures that every plant will receive exactly the same amount of water and fertilizer regardless of where the plant is located within the system. This means that several lengths of drippers can be combined on the same line, with each dripper emitting precisely the same amount of water... 24" long drippers flow exactly the same as 48" long drippers.

Easy Does It!

Netafim drippers flow slowly and uniformly, so the soil media is easily wetted without any run-off around the edge of the basket. Plus, the built-in check valve assures that all drippers will turn on at the same time, and off at the same time, preventing the system from draining onto the lowest plants.



Pre-Assembled SlimLine EZ Close Weight Assemblies

Catalog #	Description
78-041805	18" SlimLine EZ Close Weight Assembly (01HBA2W-18)
78-042410	24" SlimLine EZ Close Weight Assembly (01HBA2W-24)
NEW!	36" SlimLine EZ Close Weight Assembly (01HBA2W-36)
NEW!	48" SlimLine EZ Close Weight Assembly (01HBA2W-48)

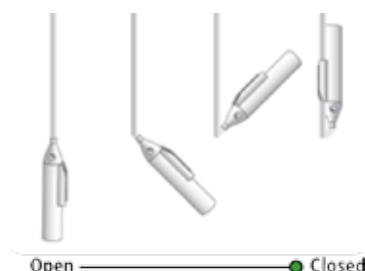


COMPONENTS

Picture	Catalog #	Item #	Description	Pack
	78-700090	11WPSCAP	Dripper Shut-Off Cap	250
	78-700130	68290133	Punch, Blue (3mm)	1
	78-700070	1107737	Goof Plugs	10
	non stock	WPC5-250	Woodpecker PC Dripper 0.5gph	250
		11WPCONB	3mm FlexTube adapter (nipple)	250
	78-040005	01WPCJL2-B	Woodpecker Jr. PC Dripper 0.5 gph (red)	250
	78-040010	01WPCJL4-B	Woodpecker Jr. PC Dripper 1.0 gph (grey)	250
	78-040020	01WPCJL8-B	Woodpecker Jr. PC Dripper 2.0 gph (green)	250

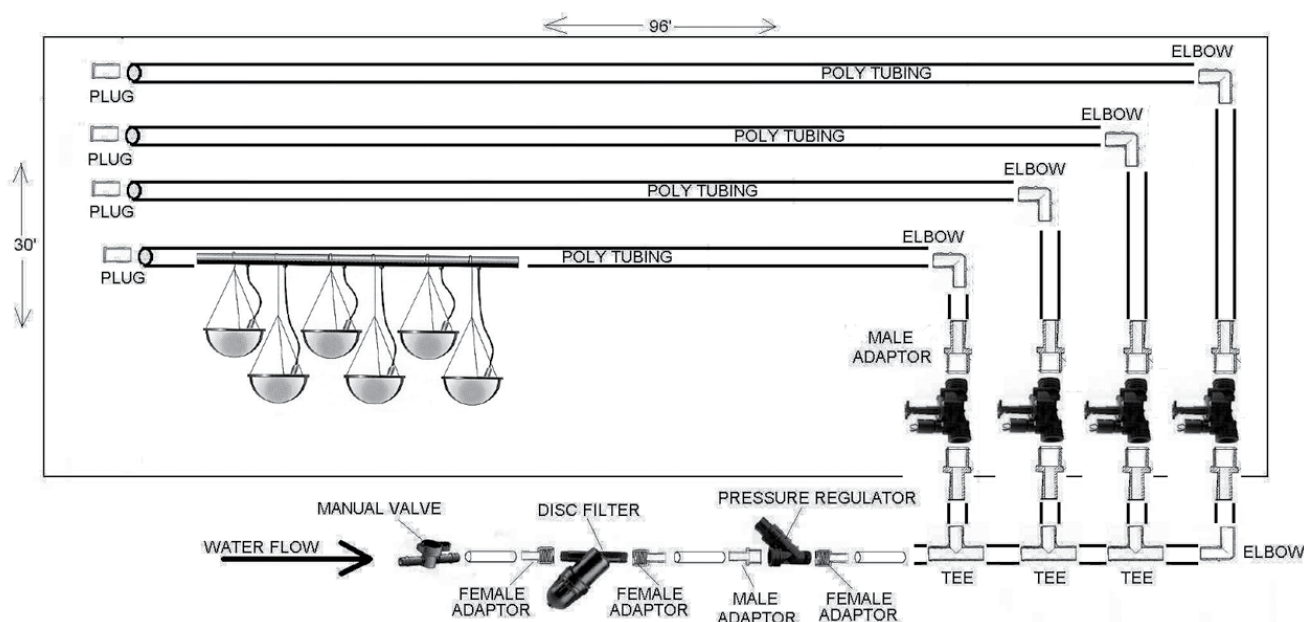
EASY SHUT-OFF

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.



DRIPPER SYSTEM FOR 30' X 96' HOUSE 4-RUNS AND 4-ZONES

Qty	Catalog #	Description
1	78-127550	3/4" x 500' Poly Tubing
1	78-700121	3/4" Insert In-Line Shut Off
4	81-144907	3/4" Plug (1449-007)
3	81-140107	3/4" Tee (1401-007)
9	81-140607	3/4" Elbow (1406-007)
1	78-900735	3/4" Pressure Regulator (35psi 32prv.75-35V2K)
1	78-910714	3/4" Arkal Disc Filter (140 mesh 25A45-140)
1	81-143607	3/4" Male Adapter (1436-007)
3	81-143507	3/4" Female Adapter (1435-007)
4	75-400205	1" Solenoid Valve 205TF
8	81-143613	3/4" x 1" MPT Reducer Male Adapter (1436-131)
45	79-350692	3/4" Stainless Steel Clamp #12
124	78-041805	18" SlimLine EZ Close Weight Assembly (01HBA2W-18)
124	NEW!	36" SlimLine EZ Close Weight Assembly (01HBA2W-36)
5	55-915059	15" Galvanized S-Hooks 25/pack
1	78-700130	Blue Sprinkler Punch
1	75-704381	Irritrol Rain Dial R 6 Station



NOTE:

Water 248 Baskets with this 4-Zone Dripper System. Each Basket is spaced 18" apart with the alternating pattern shown in the diagram using 15" S-Hooks. Drippers are Pressure Compensating with 0.5GPH flow.

4-WAY ASSEMBLIES

FOR
POT CROPS



Higher Crop Value

Netafim's Multi Outlet Drippers (MOD) feature both pressure compensation and a built-in check valve which ensures that every plant will receive exactly the same amount of water and fertilizers regardless of where the plant is located within the system. Each dripper adjusts itself automatically to the system pressure and elevation so that even on rolling or sloped ground, the uniformity of watering is 94%. The built-in check valve prevents unwanted drainage of the system onto the lowest plants when the watering cycle is complete.

Under Typical Conditions:

- Use a 35 PSI pressure regulator
- Use a 120 mesh filter

Hints & Tips:

- The end of both Angle Arrow Drippers can be used as a shut-off.
- Use tubes long enough to cover multiple crops as season progresses.
- 2GPH dripper divided by four drippers = 1/2GPH per plant.



Paybacks Are Not So Bad After All!

Payback for a Netafim system is usually one season or less. Thereafter, it is a **profit generator!**

PAYBACK PERIOD				
Hand Watering Schedule (per plant)	3 Seconds Once A Day			
Cost per Plant (for Netafim system)	\$0.50			
Wage & Benefits (per hour)	\$7.00	\$8.00	\$9.00	\$12.00
Netafim System Payback (days)	129	113	100	76

4-WAY DRIPPER ASSEMBLIES			
Catalog #	Item #	Description	Pack
78-111818	014DM-1818F	4-Way Dripper Assembly w/ 4-18" tubes	25
78-111830	014DM-1830F	4-Way Dripper Assembly w/ 2-18" & 2-30" tubes	25
78-112424	014DM-2424F	4-Way Dripper Assembly w/ 4-24" tubes	25
78-113030	014DM-3030F	4-Way Dripper Assembly w/ 4-30" tubes	25

These items are drop shipped direct from the manufacturer. Minimum 1 pack. F.O.B. CA.

Pressure Compensating Drippers

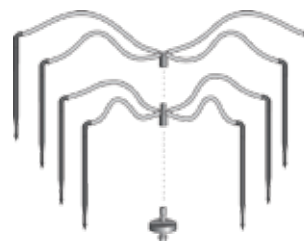
The WPCJL is pressure compensating to provide a constant flow from 10 to 45 psi and has a built-in check valve to prevent system drainage into the lowest plants.

- Flat 4-Way manifold is usually combined with the 2.0 GPH WPCJL Dripper - 0.50 GPH per plant.
- Flat 2-Way manifold is usually combined with the 1.0 GPH WPCJL Dripper - 0.50 GPH per plant.



Flat Stack Manifold

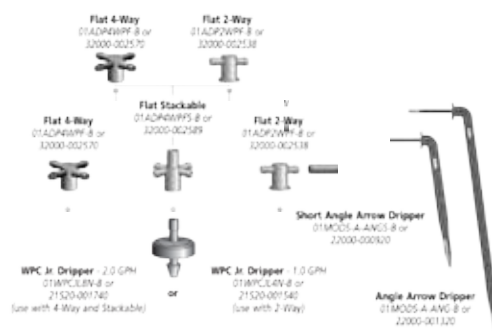
When many small pots are to be watered, two manifold assemblies can be stacked together to create an 8-Way Assembly. The flow per pot is then 0.25 gallons per hour (GPH). For every 10 gallons per minute (GPM) available, 2,000 pots can be watered.



COMPONENTS			
Catalog #	Item #	Description	Bag Qty
78-040110	01WPCJL4NB	WPC Jr. Dripper 1.0 gph (gray) (use with 2-way)	250
78-040120	01WPCJL8NB	WPC Jr. Dripper 2.0 gph (green) (use with 4-way)	250

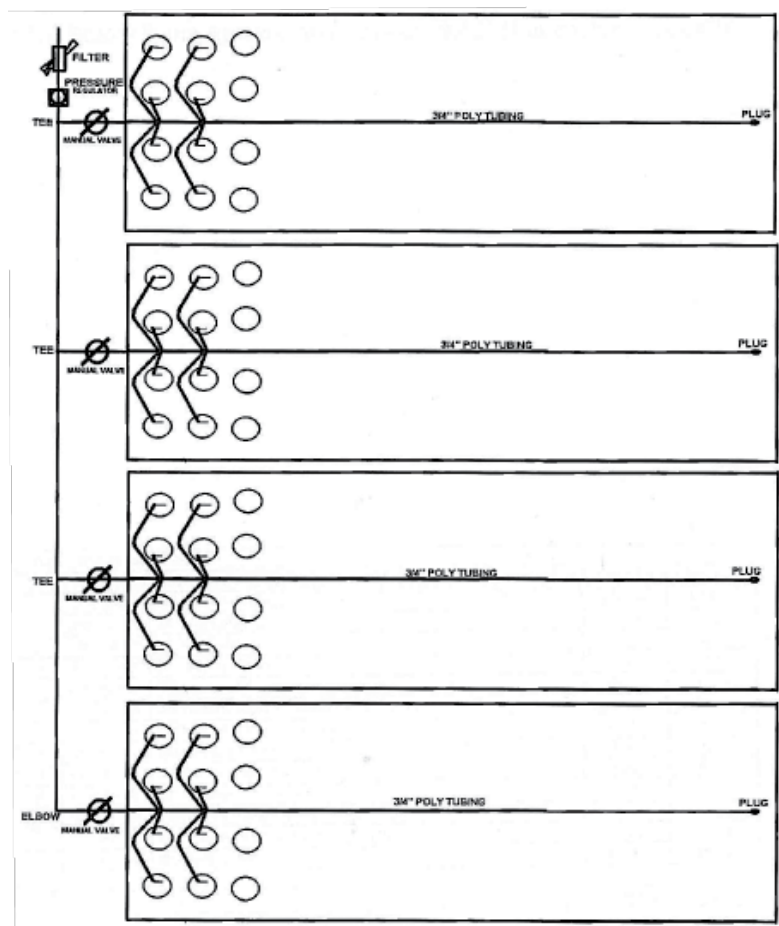
Multi-Outlet Dripper Assembly Components

Catalog #	Model #	Description
78-700151	01ADP4WPF-B	Flat 4-Way Manifold
78-700150	01ADP4WPFS-B	Flat Stackable Manifold
78-700140	01ADP2WPF-B	Flat 2-Way Manifold
78-700040	01ADP4WP-B	Stackable Upright 4-Way Manifold
78-700012	01MODS-A-ANG-B	Angle Arrow Dripper (6-3/8" length)
78-700011	01MODS-A-ANGS-B	Short Angle Arrow Dripper (3-3/4" length)
78-700010	01MODS-ST-BK-B	Straight Arrow Dripper



4 RUNS OF 4-WAY DRIPPERS/1600 POTS TOTAL

GREAT WAY TO WATER YOUR MUM PANS (8" x 5") WITH 4-WAY DRIPPER ASSEMBLIES



Qty	Catalog #	Description
1	78-127550	3/4" x 500' Poly Tubing
4	78-700121	3/4" In-Line Shut-Off
4	81-144907	3/4" Plug (1449-007)
3	81-140107	3/4" Tee (1401-007)
1	81-140607	3/4" Elbow (1406-007)
1	78-900735	3/4" Pressure Regulator (35psi 32prv.75-35V2K)
1	78-910714	3/4" Arkal Disc Filter (140 mesh 25A45-140)
1	81-143607	3/4" Male Adapter (1436-007)
3	81-143507	3/4" Female Adapter (1435-007)
23	79-350692	3/4" Stainless Steel Clamp #12
400	78-111830	4-Way Dripper Assembly 2-18" & 2-30 tubes
400	78-040120	WPC JR Dripper 2.0GPH (01WPCJL8N-B)
1	78-700130	Blue Sprinkler Punch




SPRAY STAKES FOR POT CROPS

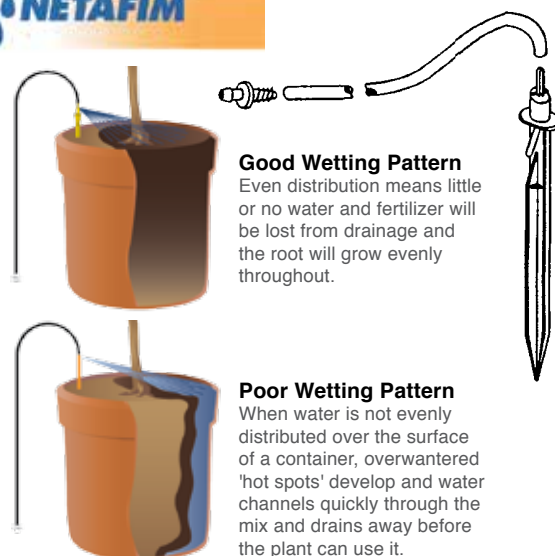
Spray Stakes are specifically designed and better matched to the container shape producing a uniform and accurate wetting pattern. Excellent uniformity means a fast growing, evenly sized crop and eliminates water and fertilizer run-off between plants. This spray stake wets the entire container from top down and is ideal for bark-based growing media. High levels of UV inhibitors provide durability in direct sunlight and years of reliable service. Three flow rates are available for maximum design versatility - each with individual shut-off capabilities.

Zone Flow Chart (GPM) for Spray Stake Assemblies

Stake Color	Number of Spray Stakes									
	200	400	600	800	1000	1200	1400	1600	1800	2000
Yellow	10	20	30	40	50	60	70	80	90	100
Green	17	33	50	67	83	100	117	133	150	167
Black	23	47	70	93	117	140	163	187	210	233

Components

Picture	Catalog #	Item #	Description
	78-700022	1109006B	Insert Connector Barb x Thread
	78-700070	1107737	Goof Plugs
	78-100030	01SSYL	Yellow Spray Stakes 3.0 gph
	78-100050	01SSGN	Green Spray Stakes 5.0 gph
	78-100070	01SSBK	Black Spray Stakes 7.0 gph



Good Wetting Pattern

Even distribution means little or no water and fertilizer will be lost from drainage and the root will grow evenly throughout.

Poor Wetting Pattern

When water is not evenly distributed over the surface of a container, overwatered 'hot spots' develop and water channels quickly through the mix and drains away before the plant can use it.

Under Typical Conditions:

- Use a 20 PSI pressure regulator
- Use a 120 mesh filter
- Yellow: 3-5 gallon containers
- Green: 5-10 gallon containers
- Black: 10-30 gallon containers

Product Selection Guide

Pot Size	Flow Rate	Spray Stake
1 to 5 gallons	3 GPH	Yellow
2 to 7 gallons	5 GPH	Green
5 to 15 gallons	7 GPH	Black

JAIN AQUA SPRAY STICKS FOR POT CROPS

The Aboveground Spot-Spitter is designed to wet the soil surface with a mini-spray pattern. Versatility, reliability, and ease of installation and maintenance have made the Spot-Spitter the #1 choice for greenhouse and nursery growers for many years. Installation of a Spot-Spitter system is easy. Cut Roberts .125 I.D. x .187 O.D. polyethylene tubing to desired length and insert it into Roberts polyethylene hose using the easy-to-grip Hole Punch. The "memory" of the hose creates a water-tight fit. No glue or fittings are needed. Remember the flow rate is determined by the Spot-Spitter groove not the tubing length. Limit tubing to a maximum of 5 feet (60 inches). A Spot-Spitter may be easily cleaned by momentarily removing it from the tubing to flush any obstructions. Reverse ends of the Spot-Spitter to shut off water. Refer to Spot-Spitter guidelines for number of parts per lateral.

Features:

- Reduces water use and labor cost
- Easy to install and maintain
- No need for special tubing lengths
- Accommodates a variety of container sizes
- Made with high quality durable plastic
- Color coded according to flow rates
- Provides uniform water coverage
- Allows the liquid feeding of nutrients
- Available in three wetting patterns and different flow rates

32¢ each



Catalog #	Item #	Description
80-811002	SS-AG160LGN-100	Roberts Spot-Spitter®

PRESSURE COMPENSATING SPRAY STAKES

PCNL SPRAY STAKE



Improved Control of Water and Fertilizer

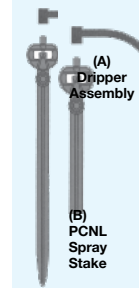
- Pressure Compensation (PC) assures the last container in the row gets the same amount of water as the first.
- Prevents overwatering. The check valve prevents water in the supply pipes from draining into the lowest plants after the valve shuts off.

Efficient Spray Pattern

- Evenly wets the soil surface to maximize water retention.
- Misting nearly eliminated - prevents wind drift.

Simple, Durable Products

- Long life, highly resistant to sunlight, fertilizers and chemicals.
- Extremely reliable.
- Simple close-off mechanism.
- Simple construction.

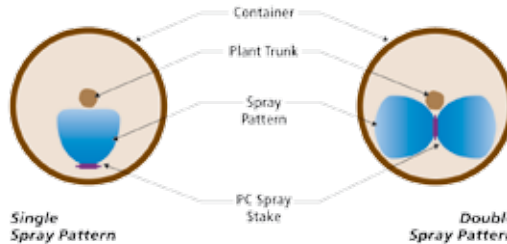


PCNL Spray Stake Assemblies - 3.2 GPH Plum

Pressure Compensating - Standard with Flex PE Tubing
For complete assembly: Order one (A) Dripper Assembly and one (B) PCNL Spray Stake

PCNL Spray Stake Assemblies - 6.6 GPH Plum

Pressure Compensating - Standard with Flex PE Tubing
For complete assembly: Order one (A) Dripper Assembly and one (B) PCNL Spray Stake



ZONE FLOW CHART (GPM)

Stake Color	Dripper Color	Flow (GPH)	Number of PCNL Spray Stakes									
			200	400	600	800	1000	1200	1400	1600	1800	2000
Plum	Plum/Black	3.2	11	21	32	43	53	64	75	85	96	107
Grey	Orange/Grey	6.6	22	44	66	88	110	132	154	176	198	220

Product Selection Guide

Container Size	Flow (GPH)	Stake Color
1 to 5 gallons	3.2	Plum
2 to 7 gallons	6.6	Grey
5 to 15 gallons	7.9	Brown
10 to 30 gallons	10.6	Blue

PCNL SPRAY STAKE ASSEMBLIES - 3.2 GPH PLUM

	Catalog #	Model #	Tube Length	Pack Qty
A	78-063036	01PSD032-36B	36"	25
A	78-063048	01PSD032-48B	48"	25
B	78-060199	01PSDS-PL1-B	-	50

Minimum operating pressure: 22 PSI,
NOTE: Sold in pack quantities ONLY

PCNL SPRAY STAKE ASSEMBLIES - 6.6 GPH GREY

	Catalog #	Model #	Pattern	Tube Length	Pack Qty
A	78-066336	01PSD066-36B	-	36"	25
A	78-066348	01PSD066-48B	-	48"	25
B	78-069190	01PSDS-GY1-B	Single	-	50
B	78-069191	01PSDS-GY2-B	Double	-	50

Minimum operating pressure: 22 PSI, NOTE: Sold in pack quantities ONLY

***NON-STOCK (Special order items - sold by pack qty ONLY)**

PCNL SPRAY STAKE ASSEMBLY COMPONENTS

Picture	Catalog #	Model #	Description	Pack Qty
	78-049901	01WPCJL12-B	Pressure Compensating Woodpecker Plum/Black	n/a
	78-049902	01WPCJL25-B	Pressure Compensating Woodpecker Grey/Org	n/a
	78-700185	11002520-B	5mm Elbow Connector	n/a
	78-610111	15FPEW53	Spaghetti Tubing White 1000' (stock)	n/a
	78-610130	15FPE53	Spaghetti Tubing Black 3000'	1
	78-610103	15FPE53-36	Pre-Cut Spaghetti Tubing 36" length	100
	78-610104	15FPE53-48	Pre-Cut Spaghetti Tubing 48" length	100

ON-OFF TUBE WEIGHTS

FOR POT CROPS & HANGING BASKETS

Tube Weights

Jain's heavy wall Tube Weights are strong and durable resisting damage even if inadvertently stepped on or pulled. They hold firmly in the main, forming a water tight joint which eliminates the need of brass inserts. Two sizes are available with the exclusive on-off feature. As plants are removed from the bed, a quick push on the end of the weight shuts off the individual tubes, saving water and fertilizer.

Pressure Compensating Tube Weights

Jain Tube Weights have always been one of the most durable and reliable greenhouse watering systems and now they're even better. Still easy to install and maintain, the non-draining pressure compensating emitter allows more precise control over irrigation and fertilization. Plus, due to the pressure compensation, you can use a combination of the eight lengths on a single line.



Under Typical Conditions:

- Use a 120 mesh filter
- Use a .128 OD punch



Maximum Recommended Tubes Per Line

Use the chart below to determine the maximum number of non-pressure compensated tube weights to use per supply line. For instance, based on the charts below, a 50 foot bench with 150 pots can be irrigated with a 3/4" supply line, .060 tubes 36" long and an end of bench water supply.

MAXIMUM RECOMMENDED NUMBER OF .060 HEAVY WALL TUBES							
		24" LONG TUBE WEIGHTS		36" LONG TUBE WEIGHTS		48" LONG TUBE WEIGHTS	
		1/2" Supply Pipe	3/4" Supply Pipe	1/2" Supply Pipe	3/4" Supply Pipe	1/2" Supply Pipe	3/4" Supply Pipe
Length of Supply Pipe	25'	96	158	114	184	131	201
	30'	88	149	105	166	123	193
	35'	82	140	96	162	114	184
	40'	79	131	92	158	109	180
	45'	75	123	88	153	105	175
	50'	70	105	82	149	100	166
	55'	65	96	78	131	96	158
	60'	61	88	75	123	92	149
	70'	58	79	73	105	88	140
	80'	53	70	70	88	83	123
MAXIMUM RECOMMENDED NUMBER OF .076 HEAVY WALL TUBES							
		24" LONG TUBE WEIGHTS		36" LONG TUBE WEIGHTS		48" LONG TUBE WEIGHTS	
		1/2" Supply Pipe	3/4" Supply Pipe	1/2" Supply Pipe	3/4" Supply Pipe	1/2" Supply Pipe	3/4" Supply Pipe
Length of Supply Pipe	25'	55	90	65	105	75	115
	30'	50	85	60	95	70	110
	35'	48	80	55	93	65	105
	40'	45	75	53	90	60	103
	45'	43	70	50	87	59	100
	50'	40	60	48	85	57	95
	55'	35	55	47	75	55	90
	60'	33	50	45	70	53	85
	70'	30	45	43	60	50	80
	80'	28	40	40	50	48	70

ON-OFF TUBE WEIGHTS

FOR POT CROPS
& HANGING BASKETS



.060 I.D. Tube Weights

Catalog #	Item #	Description	Pack
76-105012	EOW60-12	12" On/Off Tube Weights	100
76-105018	EOW60-18	18" On/Off Tube Weights	100
76-105024	EOW60-24	24" On/Off Tube Weights	100
76-105030	EOW60-30	30" On/Off Tube Weights	100
76-105036	EOW60-36	36" On/Off Tube Weights	100
76-105042	EOW60-42	42" On/Off Tube Weights	100
76-105048	EOW60-48	48" On/Off Tube Weights	100
76-105060	EOW60-60	60" On/Off Tube Weights	100
non-stock	EOW60-72	72" On/Off Tube Weights	100

.076 I.D. Tube Weights

Catalog #	Item #	Description	Pack
non-stock	EOW76-12	12" On/Off Tube Weights	100
76-106018	EOW76-18	18" On/Off Tube Weights	100
76-106024	EOW76-24	24" On/Off Tube Weights	100
76-106030	EOW76-30	30" On/Off Tube Weights	100
76-106036	EOW76-36	36" On/Off Tube Weights	100
76-106042	EOW76-42	42" On/Off Tube Weights	100
76-106048	EOW76-48	48" On/Off Tube Weights	100
76-106060	EOW76-60	60" On/Off Tube Weights	100
76-106072	EOW76-72	72" On/Off Tube Weights	100

Punches

Catalog #	Item #	Description	Pack
78-149903		Hole Punch Set with 3 Tips	each
76-199002	422809	Quick Punch	each



Using Jain Products:

1. Make a hole using punch.
2. Insert the Tube Weight into the hole.
3. Wait a few hours for the poly tubing to constrict and form a water tight seal.

All Jain Products are drop shipped directly from the factory. F.O.B. Watertown, NY.

SPACE-IT™ DRIPPERLINE



Space-It Dripperline is the simplest way to achieve a good, long term quality pot watering system. The general layout of the Space-It Dripperline is very simple:

- Water is supplied to the dripperlines from a supply header or submain.
- The dripperline is stretched across the top of the pots and is secured at the end connection with enough tension to keep it in place over the top of the pots.
- For lengths over 100 feet, locate the supply header in the center and install the dripperlines outward in both directions with separate connections for each dripperline.

There are several connection options available for the Space-It Dripperlines. Check with an authorized Netafim USA dealer for many installation configurations.



Tubing is visibly marked indicating dripper location.



Opposite side of tubing - dripper outlet.

SPACE-IT™ DRIPPERLINE

Item #	Model #	Flow Rate	Dripper Spacing	Coil Length
16523-000101	06SL8636.2DM-12	0.2 GPH	12"	9000'
16523-000103	06SL8636.4DM-16	0.4 GPH	16"	9000'
16523-000106	06SL8636.4DM-24	0.4 GPH	24"	9000'

8 mil Wall Thickness, 0.636" Inside Diameter

SPACE-IT™ DRIPPERLINE FITTINGS

Space-It Connection	Item #	Model #	Description	Bag Qty
Fittings for PVC Pipe	00115-002150	H5703414018C-B	1/2" MIPT Male Adapter	50
	32500-011020	H520IMA075-B	3/4" MIPT Male Adapter	50
	00115-005150	T63036450170-B	Connector w/Grommet (requires 16mm drill bit)	100
Fittings for Polyethylene (PE) Pipe	00115-006251	T63042440170-B	Barb Connector w/close-off valve	25
	32500-016770	T630CB-B	Insert Coupling w/ Ring	100
	32500-016490	T630ENDB	End Plug w/ Ring	100

NETAFIM MEGANET™



Advantages:

- Perfectly balanced sprinkler with two equal water jets.
- Robust design is closed and compact preventing insect penetration and protecting internal parts.
- Excellent distribution uniformity.
- Can be installed on solid sets or in removable field stands.
- Each unit has an individual filter to simplify cleaning.
- Color Coded for easy identification.
- UV protected material are durable in all climates.
- Resistant to fertilizers and chemicals.
- Two water trajectory angles: High: 24 degrees; Low: 15 degrees
- Recommended Operating Pressure Range: 29-45 psi (at sprinkler head)
- Inlet Connection: 1/2" Male Threaded



Item #	Description	GPM
63600-001700	Yellow Nozzle	0.88
63600-001000	Green Nozzle	1.54
63600-003000	Brown Nozzle	2.42
63600-004500	Red Nozzle	3.30

SENNINGER IRRIGATION, INC. WOBBLERS®



WOBBLERS®

Large droplet size and low operating pressures give the Wobblers the ability to fight the wind and penetrate the foliage better than any other sprinkler.

SPECS:	Pressure	Dia at 1.5' height	Flow
	20 psi	46.5'	2.54gpm
	25 psi	47.5'	2.84gpm
	35 psi	49.0'	3.36gpm

Under Typical Conditions:

- Use a 20-35 psi Pressure Regulator
- Angle of Throw: approx. 24°

Notes:

- Mount upright only
- Standard Inlet 3/4" MPT

Features:

- Only one moving part for longer life
- Large droplet size reduces wind drift



MINI WOBBLER®

With its outstanding uniformity and distance of throw at low pressures, the Mini-Wobblers is the right choice for container grown material in the field or under shade.

SPECS:	Pressure	Dia at 3' height	Dia at 6' height	Flow
	15 psi	33.2'	39.4'	0.95gpm
	25 psi	36.8'	42.0'	1.25gpm
	35 psi	37.6'	42.2'	1.47gpm

Under Typical Conditions:

- Use a 20-35 psi Pressure Regulator
- Angle of Throw: approx. 10°

Notes:

- Mount upright only
- Standard Inlet 1/2" MPT

Features:

- Color-coded nozzles for size ID
- Outstanding uniformity



I-MINI WOBBLER®

The I-Mini Wobblers (Inverted Mini Wobblers) has the same unique off-center rotary-action as the standard Wobblers. Provides uniform coverage over a large diameter at low pressures.

SPECS:	Pressure	Dia at 3' height	Dia at 6' height	Flow
	15 psi	29.8'	33.2'	0.95gpm
	25 psi	31.4'	34.4'	1.25gpm
	35 psi	32.0'	35.2'	1.47gpm

Under Typical Conditions:

- Use a 20-35 psi Pressure Regulator

Notes:

- Mount inverted (overhead) only
- Standard Inlet 1/2" MPT

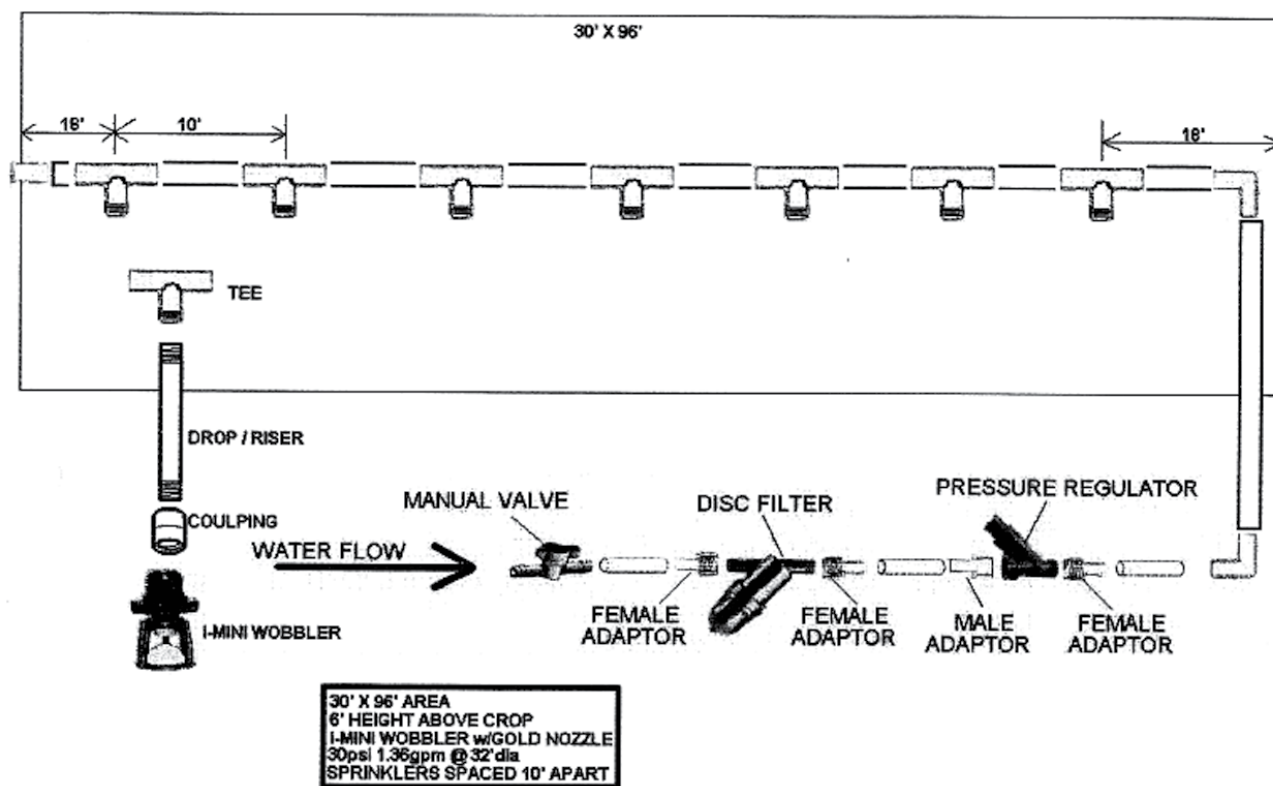
Features:

- Color-coded nozzles for size ID

Catalog #	Description	Pack
80-120106	Wobblers w/ Grey Nozzle	each
80-130106	Mini Wobblers w/ Gold Nozzle	each
80-131106	I-Mini Wobblers w/ Gold Nozzle	each
80-131109	I-Mini Wobblers w/ Lavendar Nozzle	each

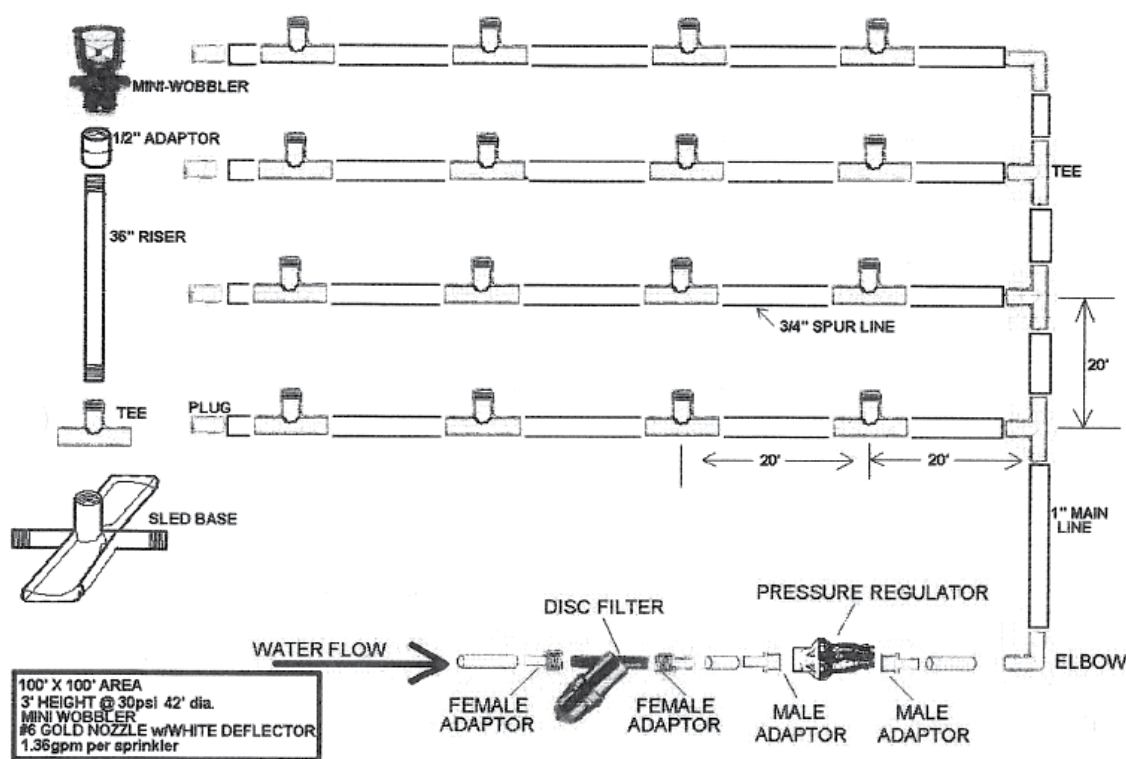
I-MINI WOBBLER SPRINKLER SYSTEM FOR 30' x 96' HOUSE 1-RUN

Qty	Catalog #	Description
2	78-127501	3/4" x 100' Poly Tubing
1	78-700121	3/4" In-Line Shut-Off
1	81-144907	3/4" Plug (1449-007)
2	81-140607	3/4" Elbow (1406-007)
1	78-900735	3/4" Pressure Regulator 35psi 32prv.75-35V2K
1	78-910714	3/4" Arkal Disc Filter 140 Mesh 25A45-140
1	81-143607	3/4" Male Adapter (1436-007)
3	81-143507	3/4" Female Adapter (1435-007)
25	79-350692	3/4" Stainless Steel Clamp #12
7	80-131106	I-Mini Wobbler with Gold Nozzle
7	77-897272	1/2" x 1/2" FPT Female Coupling
7	81-882180	18" Riser 1/2" MPT x 18"
7	81-140211	3/4" Tee (1402-101) Insert x Insert x 1/2" FPT



MINI WOBBLER SPRINKLER SYSTEM FOR 100' x 100' AREA 4-RUNS

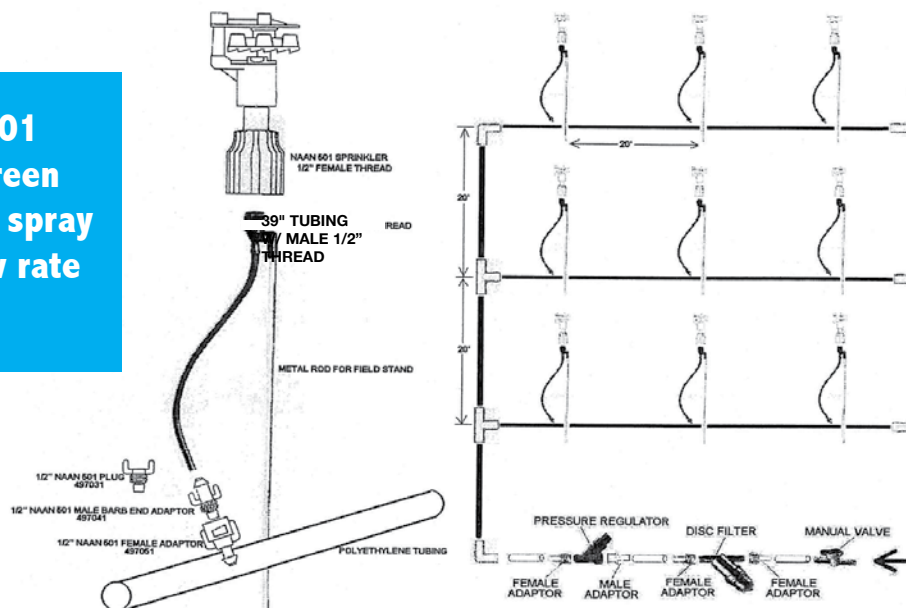
Qty	Catalog #	Description
1	78-127550	3/4" x 500' Poly Tubing
1	78-601001	1" x 100' Poly Tubing
4	81-144907	3/4" Plug (1449-007)
16	81-140211	3/4" Tee (1402-101) Insert x Insert x 1/2" FPT
1	81-140610	1" Elbow (1406-010)
1	81-140613	1" x 3/4" Reducing Elbow (1406-131)
1	80-190403	1" Pressure Regulator 40psi PR-40HF
1	78-911012	1" Arkal Disc Filter 120 Mesh 25A47-120
2	81-143610	1" Male Adapter (1436-010)
2	81-143510	1" Female Adapter (1435-010)
3	81-140113	1" x 1" x 3/4" Reducing Tee (1401-131)
53	79-350692	3/4" Stainless Steel Clamp #12
16	81-882360	36" Riser x 1/2" MPT 882-360
16	77-897272	1/2" x 1/2" FPT Female Coupling
16	80-130106	Mini Wobbler with Gold Nozzle
16	81-999999	Optional Sled Base



NAAN 501 SPRINKLER

The 501 Sprinkler's innovative turbo hammer drive and complete sand proof design, allows a low operating pressure and low flow rate with excellent water distribution, for very effective irrigation. Our complete system offers an overlap watering pattern for uniform irrigation of annuals and perennials in packs and pots. Perfect for hardy mums.

At 35 PSI the 501 Sprinkler with green nozzle emits a 44' spray diameter at a flow rate of 47 gph.



501 COMPONENTS

Catalog #	Item #	Description
80-376004	21196520	Field Stand Complete w/ 3/4" Tube, male adapter, and rod
80-376005	21492784	3/4" Tubing and male adapter
80-376000	21493201	Rod for Field Stand
80-300250	21497031	Plug for Naan 501 (option to cap female adapter/end of season)
80-300227	21497041	Male Barb End
80-300207	21497051	Female Adapter
80-351053	501	501 Sprinkler w/ green nozzle

COMPLETE 501 SYSTEM SETUP FOR 80' X 80' AREA

Qty	Catalog #	Description
2	78-127501	3/4" x 100' Poly Tubing
1	78-700121	3/4" In-Line Shut-Off
3	81-144907	3/4" Plug (1449-007)
2	81-140107	3/4" Tee (1401-007)
2	81-140607	3/4" Elbow (1406-007)
1	78-900735	3/4" Pressure Regulator 35psi 32prv.75-35
1	78-910714	3/4" Arkal Disc Filter 140 mesh 25A45-140
1	81-143607	3/4" Male Adapter (1436-007)
3	81-143507	3/4" Female Adapter (1435-007)
19	79-350692	3/4" Stainless Steel Clamp #12
9	80-351053	Naan 501 Sprinkler Green Nozzle
9	80-300207	Female Adapter for Naan Field Stand
9	80-376004	Field Stand Complete

MISTING CONTROLLERS

TRIDENT™ SINGLE ZONE CONTROLLER MODEL T3A #1095



- Solid-state memory chip
- User friendly digital display
- Easy user interface
- Outstanding reliability
- Set-and-forget programming
- Toggle switch for on/off time mode, second/minute, minute/minute, and minute/hour
- 2 seconds on, 2 minutes off to 60 minutes on, 180 hours off
- 24 hour clock and 8 programming event
- 2 to 60 second on time, 2 to 180 minute or hour off time.
- On and off LEDs show on/off times when programming controller is in use
- A, B, and C controllers are now combined into one self-contained single-zone controller
- Extra bright LEDs
- Sturdy plastic enclosure
- UV protected, mounts securely, resists moisture and chemicals

NOVA 1626ET 6 ZONE CONTROLLER #1405



- Sturdy non-metallic enclosure
- UV protected
- Resists moisture and chemicals
- Seconds on, minutes off settings
- 1x, 2x, 3x time extender toggle switch
- One connection for the common wire
- 24 hour digital clock, with 9 programmable events to turn controller off
- Includes 24VAC plug-in transformer
- 2 year warranty

Catalog #	Description
33-021095	Trident Single Zone Controller Model T3A #1095
NEW	Nova 1626ET 6 Zone COntrller Model #1405

RAIN DIAL®-R SERIES HYBRID

6, 9, AND 12 STATION OUTDOOR/INDOOR



Key Features and benefits:

- Remote control ready with a rain sensor ready
- Three independent programs and three water day choices
- 365 day calendar for odd/even date watering
- Water well recovery (delay between stations)
- Master valve/pump start circuit assignable per station
- Test all stations program and program stack or overlap option
- Snap-out face panels

Catalog #	Description
RD600	Rain Dial R Series 6 Station Indoor
RD900	Rain Dial R Series 9 Station Indoor
RD1200	Rain Dial R Series 12 Station Indoor

TOTAL CONTROL®-R SERIES



From 6 to 48 stations,
we have them all.

Contact your sales representative
at Waldo and Associates, Inc.
For more details! 800.468.4011

The Irritrol® Total Control-R family of models is proof that advanced design controllers don't have to be complicated. Developed to meet a wide variety of watering requirements, the easy-to-program Total Control Series is available in models ranging from 6 to 48 stations. Programming flexibility is provided by four independent programs, 16 total start times and a 365-day calendar for odd/even day scheduling. And now, the Total Control-R has a weather-based option with Irritrol's new Climate Logic.

Catalog #	Description
TC6IN	Total Control R Series 6 Station Indoor
TC48EX	Total Control R Series 48 Station Indoor

BATTERY OPERATED CONTROL VALVES

Low Cost Solution For Automatic Irrigation

Get automatic valve control without additional wiring costs.

The Aqua Pro Controller mounts on each valve and is individually programmed. A 9 volt DC battery is the only power required to turn the valve on and off. This option is available on and Nylon, PVC, Iron or Bronze valve. It's ideal for seasonal or annual crops requiring system potability.

- Corrosion-proof components and water resistant
- Easy access with four button programming and easy to read large LCD display
- Easy manual activation if needed
- Multiple cycles per day
- Indoor or outdoor installations



Description

AP-Controller - P3

JUNIOR DC SERIES

Battery-Operated

Provides automatic irrigation in areas without A.C. power

Waterproof (IP68)

To survive the occasional flooded valve box

Valve Mount or Wall Mount Option

Mount right on the D.C. solenoid or wall mount up to 900' away

1-and 4-Station Models

For temporary power to one valve or permanent power to a system without A.C.

Compatible With Wired Rain Sensor

Saves water preventing irrigation during a downpour

Use Irritrol DVL, DC Latching Solenoid



Description

1 Station Control

4 Station Control

SOLENOID VALVES

- **High Flow; Low Pressure Loss**
- **Manual Bleed**
- **Minimum pressure 5 psi, maximum 150 psi**

Used for regulating flow on water lines using time clocks. Solenoid Valves can be easily installed in any position above or below ground and are simple to service without removal. Valves open when energized and close when de-energized and are slow opening and closing to reduce water hammer damage to pipes.



Catalog #	Item #	Description
75-400205	205TF	Irritrol 1" In-line 24V

SOLO HANDHELD & BACKPACK SPRAYERS



There is no noise, no emission and no need to fill with fuel or manual prime a pump with the new Solo backpack battery pressure sprayer.

solo[®]

High-density polyethylene tank with ultra-violet inhibitors allows for unmatched durability and ultra-violet protection.



Agitator allows material to drop onto impeller evenly, improving uniformity of spread and eliminating blockages. Adjustable for drop rate and direction. Fully enclosed gear box with lubricated metal gears assure long life and durability. Padded strap with comfortable, cross-shoulder design. 6" opening with screw-on cap. Hopper stands upright whether empty or full.

Catalog#	Item#	Description	Size
	416	Battery-Powered Backpack Sprayer	5 gal.
	421-S	Portable Spreader	20 lb
36-214560	456	Solo Sprayer with inflation valve	2 gal.
36-214570	457	Solo Sprayer with inflation valve	3 gal.
36-214730	473P	Back Pack Sprayer with Piston Pump	3 gal.
36-214251	425	Back Pack Sprayer with Piston Pump	4 gal.
36-214350	435	Back Pack Sprayer with Piston Pump	5 gal.
36-214732	473D	Back Pack Sprayer with Diaphragm Pump	3 gal.
36-214752	475	Back Pack Sprayer with Diaphragm Pump	4 gal.
36-214852	485	Back Pack Sprayer with Diaphragm Pump	5 gal.

COLDFOGGER

DRAMM

FOB - MN

The Damm ColdFogger™ is a low-volume chemical applicator that can easily apply all formulations of pesticides, growth retardants, fungicides, cleaning products and disinfectants using a highly concentrated spray solution. The “low-volume” method of applying chemical solutions utilized in the ColdFogger diminishes costly run-off and greatly reduces application times. Very small spray droplets are generated to provide deep and even penetration of chemicals.

The 72 liter (20 gallon) chemical tank with built in agitator pump holds enough spray solution to provide up to 72,000 square feet of coverage in as little as 72 minutes. The powerful high pressure fog projects a plume of 30 - 60 micron diameter spray droplets 20 - 25 feet from the hand held spray-gun.



CF20-150

Item #
CF20
CF20-150 BF

WATER CART

DRAMM

FOB - MN

The Damm WC20 Watering Cart is designed for portability and ease of use. Utilizing a battery powered pump and Damm's durable, portable MS20 Cart, the WC20 can pump more than 300 gallons of water on one full charge.

The WC20 comes as a complete unit. A 20 gallon tank and powder coated steel cart, non-marking, locking front casters and solid wheels make up the cart design.

The 12 volt 17ah battery is enclosed in a watertight plastic enclosure. The battery operated pump operates has an output of 4.9 gallons per minute and is connected to a 12 ft. hose with a Damm One Touch™ wand, offering fingertip control of watering. The Water Cart includes an on-board charger for overnight charging of the unit.



WC20 Water Cart

Item #
WC-20
WC-50

BATTERY BACKPACK SPRAYER

The Dramm BP-4 Back Pack Sprayer is a rechargeable, battery-powered sprayer that fits comfortably on your back. Operating at a maximum pressure of 140 psi, the BP-4 offers an adjustable pressure knob for flexibility in spraying. Using the high-pressure setting, the BP-4 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-4 can run for up to 2 hours on a full charge and recharges overnight. 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.

- **Dual Fan Nozzle**
- **Adjustable cone nozzle**
- **Battery indicator**
- **Padded backing**
- **Comfortable straps**
- **Priming bubble**
- **Tank Drain**

Specifications

Weight - 11lbs. (empty)
Chemical tank capacity - 3.95 gal. (15 L)
Pressure - 143 psi
Suction - 0.39 mgal/min (1.5L/min)
Battery - 12V 5.0 Ah
Continuous spray time - 1 or 2 hr.
Recharging time - 12 hrs.

Catalog #	Description
BP-4	Battery Backpack Sprayer

Plus S&H F.O.B. Dramm Manitowoc, WI

DRAMM



3 TANK FERTICART

The Dramm 3 tank FertiCart allows for three different stock solutions to be used with a single injector and cart. Three independent 7 gallon tanks ride on the same, durable, vinyl-coated frame as our standard FertiCart. Selecting the source tank is as simple as turning ball valves. Each tank is plumbed to include an isolation valve and a drain from the bottom. As with all FertiCarts, all the plumbing, including a 200 mesh filter and a backflow prevention check valve is included. The unit is finished with unions below the injector to allow for easy assembly and disassembly. The FertiCart comes standard with solid rubber wheels and casters, but can be upgraded with our BigFoot wheel kit to include 15" pneumatic turf tires and pneumatic casters.

- **Pre-assembled plumbing**
- **Filter and check valve**
- **Tank selection valves**
- **Solid rubber wheels**
- **PVC unions**
- **Three 7 gallon tanks**
- **Vinyl dipped finish**

Specifications

Tank size - 3 x 7 gallon
Fits Dosatron™ D14 injector
Dimensions - L 38" x W 21" x H 48"

Hose hook on rear of unit Vinyl coated steel frame

Catalog #	Description
FC3X7-DT	3 Tank FertiCart

Plus S&H F.O.B. Dramm Manitowoc, WI

DRAMM



AUTOFOG UNITS

The Damm Autofog automatically sprays areas up to 70,000 sq. ft. with no applicator present. The ultra fine cloud droplets penetrate deep into the plant canopy covering all surfaces, ensuring excellent control of greenhouse pests and diseases. The Autofog saves time and money by eliminating the labor needed to control your pests. By creating billions of tiny spray droplets, the Autofog treats large areas with less chemical solution. Just set the timer, mix the chemical and leave. The Autofog does the rest.

- Timer controlled fog application
- Safely applies pesticides without an applicator
- Effective eradication of pests and diseases
- Smallest, most consistent droplets available
- Foggerhead separates for easy and best placement
- Four different models for every size greenhouse

DRAMM



IRRIGATION &
WATERING

Description	Coverage Area		Power	Delivery
	Machine Alone	With HAF		
Autofog MLVH-10A	up to 5,000 sq. ft.	up to 7,000 sq. ft.	120v AC	single nozzle
Autofog SLVH-20A	up to 12,000 sq. ft.	up to 26,000 sq. ft.	120v AC	air assist
Autofog LVH-20A	up to 30,000 sq. ft.	up to 70,000 sq. ft.	208/220v AC	air assist
Autofog DLVH-20A	up to 60,000 sq. ft.	up to 140,000 sq. ft.	208/220v AC	dual head air assist

All Damm Sprayers: Special Order F.O.B. WI

MSO SPRAYERS

The Damm Heavy-Duty Sprayer is powerful and compact. It is designed for every type of chemical application. Model MSO is a hydraulic sprayer with fully adjustable pressures, making it a highly flexible tool for the application of pesticides, fungicides, wetting agents, cleaning solutions and disinfectants. By simply twisting the spray gun knob you can adjust the pressure from a stream that throws up to 20 feet to an eight foot diameter mist.



Description
MSO Sprayer w/33' Hose Discharge Hose & Gun
MS20 Sprayer 33' Pkg w/20 Gal Tank/Cart
MS20-100 Sprayer 100' Pkg w/20 Gal Tank/Cart & Hose Reel
MS-20E 20 Gal. Tank w/Cart, Holds up to 150' Hose
33' Discharge Hose Only, 500 PSI
100' Discharge Hose Only, 500 PSI
150' Discharge Hose Only, 500 PSI

All Damm sprayers: Special Order F.O.B. WI

HYDRA SPRAYTRAX

The Damm Hydra SprayTrax™ is a high volume hydraulic sprayer capable of performing a variety of tasks. The Hydra™ is perfect for the application of insecticides, fungicides, growth regulators, fertilizers, disinfectants and other chemicals. With a maximum pump output of 7 gallons per minute, the Hydra SprayTrax offers enough volume to utilize a choice of guns, drench, and agitate the tank simultaneously. The pump has a maximum operating pressure of 550 psi with a fully adjustable regulator, allowing for flexibility in choice of spray pattern, droplets and distances.



- Long stroke length pump
- Convex reel
- Variable tension drag
- Forward motion gun
- Damm bypass bar
- Balloon Tires
- Self tracking axles
- Sumped tank
- Close coupled pump and motor

Specifications

Tank size - 50 or 100 Gallons
 Cart Design - 4-Wheel SelfTracking
 Hose Length - 150', 200' or 250'
 Pump - Direct Drive
 Dimensions Hydra 50 - L 65" x W 34" x H 57"
 Motor - 5.5 HP Honda Engine
 Maximum Pump Capaty - 7 gpm
 Maximum Pressure - 550 psi
 Pump Type - Triplex Piston Pump
 Dimensions Hydra 100 - L 60" x W 39" x H 63"

Catalog #	Description
HYDRA 50/150	Hydra SprayTrax

Plus S&H F.O.B. Damm Manitowoc, WI

GASOLINE POWERED SPRAYER



The Damm Portable Gasoline Power Sprayer is a multi-purpose chemical applicator that can easily apply all formulations of pesticides, fungicides, cleaning products and disinfectants. The GAS-MS features three different regulator settings for your spraying needs. Using conventional high-volume rates, this sprayer will provide thorough and consistent chemical applications.

- Dual piston pump with uniflow design minimizes pump wear
- Bronze and stainless steel pump construction
- Adjustable, trigger, spray-gun
- Three pressure regulator settings
- Low 100 PSI
- Medium 220 PSI
- High 350 PSI
- Applies most chemical formulations
- Discharge hose
- Optional cart, model MS20GAS

Catalog #	Description
MS20-GAS-66-BF	Gasoline Power Sprayer

Plus S&H F.O.B. Damm Manitowoc, WI

SUPERDOS INJECTORS



SuperDos operates without electricity to precisely inject liquid concentrates into a water supply line using fluid flow as the power source.

SuperDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components.

SuperDos comes in various models that easily satisfy the demands of your most challenging applications.

- Proprietary composite body for chemical compatibility and for mixing aggressive chemicals.
- Built-in on/off switch (30 and 45 models only), which allows user to stop the injection — but not the system.
- Separate internal mixing chamber to prevent chemical contact with motor piston — for longer life and uniform mixing.
- Interchangeable lower ends with the ability to adjust ratios while in operation.



Catalog #	Item #	Description	Max Flow Rate (gpm)	Feed Ratio	PSI	Inlet Outlet
48-100250	112602	MiniDos Injector 2.5%	12	0.50-2.50%	6.0-100	3/4" npt
48-100120	113205	SuperDos 20 Injector 2.5%	20	0.20-2.50%	5.0-100	1" npt
48-100130	113209	SuperDos 30 Injector 2.5%	30	0.20-2.50%	5.0-100	1" npt
48-100140	113212	SuperDos 45 Injector 2.5%	45	0.20-2.50%	5.0-100	1-1/4" npt

**Non-stock items are F.O.B. TX*

**CALL YOUR WALDO & ASSOCIATE REGIONAL ACCOUNT MANAGER
FOR PRICING AND MORE INFORMATION.**

GATOR-XL - 8001 INJECTOR

YOUR TIME IS VALUABLE AND SO ARE YOUR CROPS

The Gator-XL is the worldwide choice for proportionally adding any solution into a water system. For livestock agriculture, horticulture, sanitation, water treatment, etc.

Water Powered Competitively Priced!

- Designed for simple, low cost maintenance.
- Able to handle a wide variety of chemicals.
- Made of heavy duty, modular construction, with a separate water motor and chemical pump section, so the motor stays chemical free, and parts are easy to access for service.
- Easily installed into the piping system with flexible hoses or can be installed directly into the piping system with the optional union connectors.

NOW YOU CAN ACCURATELY FEED YOUR CROPS WITH THE EASY TO USE FIXED RATE GATOR-XL™ INJECTOR.

Fixed Rate 1-100 10 GPM Injector Min/Max Pressure: 3-120 PSI

IDEAL FOR USE IN:

Greenhouses, Garden Centers, Nurseries, Landscape Operations, etc. *(Add a cart and make it mobile!)*

RELIABLE:

Pumps fertilizers, chemicals, wetting agents, soaps and acids through a simple system. Fewer internal components means less chance of breakdown!

ACCURATE:

The proper percentage of concentrate is taken up and mixed in the Gator-XL for the precise dose injected to your crops every time!

AFFORDABLE:

Costs less than comparable fixed rate units.

IN STOCK FOR IMMEDIATE ECONOMICAL UPS SHIPPING

Catalog #	Description
48-020000	Gator-XL Injector
Stock Replacement Parts:	
48-028031	Chemical Pump Replacement Cartridge (1/100)
48-028039	Quick Clip Pump Piston (pack of 1)



FILTER

Flow Range:

1 to 78 US gpm*
(0.2 to 17.7 m³/hr)

Maximum Pressure:

100 psi
(6.9 bar)

Maximum Temperature:

120°F (49°C)

Mesh Size:

- 30 Mesh (600 Micron) Element (Brown)
- 60 Mesh (250 Micron) Element (White)
- 100 Mesh (250 Micron) Element (Gray)
- 140 Mesh (105 Micron) Element (Black)
- 200 Mesh (74 Micron) Element (Blue)

TWIST II CLEAN
INLINE WATER FILTERS



INJECTOR CART & TANK

Mobilize any injector designed to work with up to a ¾" garden hose. Our sturdy economical design makes it easy to move your injector as needed.

Includes inlet & outlet hoses, fittings, filter and a 5 gallon tank assembled on a heavy duty cart. Injector sold separately.

Recommended injectors include the Gator XL, MiniDos and the SuperDos 20.

CATALOG #	ITEM #	DESCRIPTION
48-601016	4200	9 Gallon Tank w/drain valve and cart
48-601014	4202	18 Gallon Tank w/drain valve and cart



MOBILE CART

Move your injector wherever and whenever you want! This mobile cart is designed to fit the SuperDos 20 and 30. Includes the TwistItClean Filter and barrel with a graduated decal for accurate measuring. Also included are all necessary hardware and hosing.

ITEM #	DESCRIPTION
011818SD	Mobile Cart for SuperDos 20 Injector

Injector sold separately



HOZON SIPHON MIXER W/ BACK FLOW PREVENTER

A time-tested, accurate proportioning device designed for small scale grower for the dispensing of fertilizers, insecticides, fungicides and other water soluble chemicals through a hose.

LIQUID MEASURE

- 50-60 drops = 1 teaspoonful*
 - 3 teaspoonfuls* = 1 tablespoonful*
 - 2 tablespoonfuls* = 1 fluid ounce
 - 8 fluid ounces = 1 cupful
 - 2 cupfuls (4 gills) = 1 pint
 - 2 pints = 1 quart
 - 4 quarts = 1 gallon
- * level spoonfuls



Catalog #	Description
48-210999	Hozon

MIXRITE INJECTORS

DEMA

MixRite™
Water Driven Injectors

MODELS



2.5 / 500 Series

For water flow to 11 gpm or 2.5m³/hr

Operates from .08 - 11 gpm and has 3/4" thread connections

Chemical injection rates from .1 - 1%, .3 - 2%, .4 - 4% and 3 - 10%

Special models for aggressive additives or harsh chemicals



TF5

For water flow to 22 gpm or 5m³/hr

Operates from .08 - 22 gpm and has 1" thread connections

Chemical injection rates from .1 - 1%, .2 - 2%, and 1 - 5%



TF10

For water flow to 45 gpm or 10m³/hr

Operates from 2 - 45 gpm and has 1.5" thread connections

Chemical injection rates from .1 - 1%, .2 - 2%, and 1 - 5%



TF25

For water flow to 110 gpm or 25m³/hr

Operates from 9 - 110 gpm and has 2" thread connections

Chemical injection rates from .1 - 1%, .3 - 2.5%, and 1 - 5.5%

JACK'S PROFESSIONAL FERTILIZERS

The Peters family has designed and produced water soluble fertilizer for both Professionals and home gardeners for over 60 years. From industry standard products to the newest technology in Jack's Professional FeED line. We have a product for you and your customers! We have listed most of our warehouse stock formulas. Please ask a Waldo & Associates sales representative for other Jack's Fertilizer analysis.



JACK'S PROFESSIONAL™

The Jack's Professional line of fertilizers are the results of 65 years of innovative research and fertilizer blending.

Our four categories of fertilizer formulations make it easy to choose a product that will improve your plant quality immediately.

Acid [21-7-7]

- This is an ideal fertilizer for acid-loving plants in the nursery and landscape
- Provides a rapid correction of a high pH situation
- Unlike other brands, Jack's 21-7-7 Acid contains no harmful chlorides

Catalog # 46-421707

Item # 77130



All Purpose [21-5-20]

Ideal fertilizer for moderate to high alkalinity waters. It is formulated with over 60% nitrate nitrogen and a peat-lite level of micronutrients. It can be tank-mixed with 15-5-15 and other Jack's LX formulas.

Catalog # 46-421520

Item # 77990



Ca-Mg [15-5-15]

- Use this high phosphorus formulation during period of bud set to increase number and size of blossoms
- Resume use of traditional production fertilizers for the remainder of growing cycle to avoid internode stretch
- Great for vegetable production.

Catalog # 46-421707

Item # 77130



Ca-Mg [15-5-15]

- A truly comprehensive formulation with all of the macro and micro nutrients
- Contains 4% calcium and 2% magnesium, which makes it an ideal choice for use with water that is low in those nutrients
- Formulated with 80% nitrate nitrogen
- Contains a Peat-Lite level of micronutrients
- Can be tank mixed with Jack's 21-5-20 All-Purpose or any other Jack's LX formulations.



Catalog # 46-421707

Item # 77130

Dark Weather [15-0-15]

- The traditional high-calcium fertilizer (11%) for growers who need to supplement their fertilizer programs with calcium
- Alternate with 20-10-20 Peat-Lite or use as a "finisher" for flowering plants like poinsettias
- This formula has the traditional micronutrient levels needed for general production



Catalog # 46-415015

Item # 77190

Fall Pansy [17-3-19]

- Designed specifically for pansy production in late summer and early fall
- A nitrate/ammonium nitrogen system is more efficient in warmer weather than a traditional high nitrate pansy fertilizer
- Results in a potentially acidic product that will lower media pH over time
- This product also contains JR PETERS exclusive FeED iron chelate system plus additional magnesium and boron which is necessary to produce a consistent, high quality crop
- At 17% nitrogen content, you also use less product to achieve your desired rates



Catalog # 46-417319

Item # 77730



Geranium [15-15-15]

- An ideal fertilizer for geraniums and other neutral pH loving plants. The high phosphorus content promotes strong root growth and bud set - great for pink hydrangeas. The high nitrate nitrogen content (56%) and the general-purpose level of micronutrients help minimize nutritional toxicities on geraniums.



Catalog # 046415115

Item # 77020

General Purpose [20-20-20]

- The general-purpose industry standard, 20-20-20 is great for maintaining plants in garden center and growing facilities
- It provides fast green-up and great foliar expansion due to the high percentage of ammonium and urea nitrogen plus balanced phosphorus and potassium for excellent root and shoot growth

Catalog # 046-420-220

Item # 77010



High Performance [25-5-15]

- High efficiency formula designed to maximize your NPK delivery while keeping a balance of macro secondary and micronutrients for optimum plant growth
- Best as a continuous feed for heavy feeding plants in moderate to warm temperatures
- Micronutrient levels are comparable to Peat-Lite formulas
- Can be used as a nutrient booster for great green-up for almost all varieties

Catalog # 46-425515

Item # 77900



MagMum [21-8-18]

- High Nitrate, High Potential Acidity formulation Mums require
- Extra Magnesium for improved greening
- Peat-Lite trace element level
- 5% increased efficiency compared to 20-10-20 formulas
- Stretches your fertilizer dollar without compromising performance



Catalog # 46-421820

Item # 71440

Mum Feed [22-5-16]

- Mums are heavy feeders that respond well to additional magnesium, sulfur, and iron
- However, many times the iron becomes unavailable as the pH rises
- The elevated iron levels found in the exclusive FeED iron chelate system keeps the iron available to the plant even if the pH rises during the crop cycle
- The additional 2% nitrogen in this formula reduces your fertilizer usage by approximately 10%, making this product not only nutritionally effective, but cost effective as well



Catalog # 046422516

Item # 77040

Peat-Lite 15-16-17

- Similar to 20-20-20 but with over 60% nitrate nitrogen, boosted micronutrient levels, and much less acidic reaction in the root media!
- The balanced N-P-K ratio is excellent for producing fast-growing plants or for maintaining plants in a sales environment

Catalog # 46-415617

Item # 77220



Peat-Lite [20-10-20]

- The most popular formulation, 20-10-20 Peat-Lite has approximately twice the level of micronutrients as the GP formulation
- The additional level of micronutrients provides necessary elements absent from most commercially made peat-lite potting media

Catalog # 46-420120

Item # 77860



Petunia Feed [20-03-19]

- Contains double the iron found in typical peat-like formulations
- Iron is derived from three chelate sources - EDDHA, EDTA, and DTPA to keep it available over a broad range of growing medium pH values
- Contains additional magnesium for optimum crop performance
- Low phosphorus level helps prevent excessive elongation
- High nitrate nitrogen, moderately high potential acidity and no urea
- Not recommended for geraniums or other iron sensitive crops



Catalog # 46-420319

Item # 77770

Plant Starter [9-45-15]

- Initial use of 9-45-15 when transplanting into cells or beds supplies the high-phosphorus ratio designed to boost root growth prior to shoots
- Can also be used to correct or supplement low phosphorus situations, especially in outdoor production.

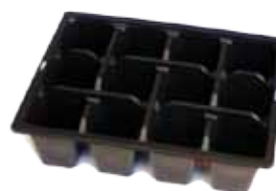
Catalog # 46-409415

Item # 77140



Plug [13-2-13]

- This is an ideal fertilizer for plug production with 6% calcium and 3% magnesium
- It is formulated with 94% nitrate nitrogen and a low phosphorus content to promote compact, sturdy plugs
- It can be tank-mixed with other Jack's LXTM formulas



Catalog # 46-413213

Item # 77490

Poinsettia [15-4-15]

- This product is designed to fit the needs of the newer poinsettia varieties that need the micronutrients, but a lesser amount of macronutrients
- It contains 50% more micronutrients than a typical poinsettia peat-lite formula, yet it provides less boron
- The iron is derived from three chelate sources to keep it available over a wide range of growing medium pH values



Catalog # 46-415415

Item # 77560

Pure Water [17-4-17]

- The Jack's LXTM blend for growers desiring a 4- 1 -4 ratio for pure water
- This formulation will not cause pH crash in media
- Calcium is supplied at 3% with magnesium at 1.5% to add what pure water does not supply



Catalog # 46-417417

Item # 77560

JACK'S CLASSIC RETAIL FERTILIZER

We introduced our line of consumer products under the Jack's Classic label back in 1999. We offer a full line of fertilizer formulas made with the exact same quality raw materials that we use for the professional greenhouse grower. These formulas are available in many different sizes and packages to fit our home grower's needs.



Total Nitrogen (N)	17%	Copper (Cu)	0.05%
10.58% Ammoniacal Nitrogen		0.05% Chelated Copper (Cu)	
6.42% Urea Nitrogen		Iron (Fe)	0.30%
Available Phosphate (P₂O₅)	6%	0.30% Chelated Iron (Fe)	
Soluble Potash (K₂O)	6%	Manganese (Mn)	0.05%
Total Sulphur (N)	14%	0.05% Chelated Manganese (Mn)	
14.0% Combined Sulphur (S)		Molybdenum (Mo)	0.0009%
Boron (B)	0.02%	Zinc (Zn)	0.05%
		0.05% Chelated Zinc (Zn)	



Total Nitrogen (N)	20%	Iron (Fe)	0.10%
2.1% Nitrate Nitrogen		0.10% Chelated Iron (Fe)	
17.9% Urea Nitrogen		Manganese (Mn)	0.05%
Available Phosphate (P₂O₅)	20%	0.05% Chelated Manganese (Mn)	
Soluble Potash (K₂O)	20%	Molybdenum (Mo)	0.0009%
Boron (B)	0.02%	Zinc (Zn)	0.05%
Copper (Cu)	0.05%	0.05% Chelated Zinc (Zn)	
0.05% Chelated Copper (Cu)			



Total Nitrogen (N)	10%	Copper (Cu)	0.05%
5% Ammoniacal Nitrogen		0.05% Chelated Copper (Cu)	
5% Nitrate Nitrogen		Iron (Fe)	0.10%
Available Phosphate (P₂O₅)	30%	0.10% Chelated Iron (Fe)	
Soluble Potash (K₂O)	20%	Manganese (Mn)	0.05%
Magnesium (Mg)	0.50%	0.05% Chelated Manganese (Mn)	
0.50% Water Soluble Magnesium (Mg)		Molybdenum (Mo)	0.0009%
Boron (B)	0.02%	Zinc (Zn)	0.05%
		0.05% Chelated Zinc (Zn)	



Total Nitrogen (N)	15%	Copper (Cu)	0.05%
2.85% Ammoniacal Nitrogen		0.05% Chelated Copper (Cu)	
1.52% Nitrate Nitrogen		Iron (Fe)	0.10%
10.63% Urea Nitrogen		0.10% Chelated Iron (Fe)	
Available Phosphate (P₂O₅)	30%	Manganese (Mn)	0.05%
Soluble Potash (K₂O)	15%	0.05% Chelated Manganese (Mn)	
Boron (B)	0.02%	Molybdenum (Mo)	0.0009%
		Zinc (Zn)	0.05%



Total Nitrogen (N)	30%	Iron (Fe)	0.10%
1.08% Nitrate Nitrogen		0.10% Chelated Iron (Fe)	
28.92% Urea Nitrogen		Manganese (Mn)	0.05%
Available Phosphate (P₂O₅)	10%	0.05% Chelated Manganese (Mn)	
Soluble Potash (K₂O)	10%	Molybdenum (Mo)	0.0009%
Boron (B)	0.02%	Zinc (Zn)	0.05%
Copper (Cu)	0.05%	0.05% Chelated Zinc (Zn)	
0.05% Chelated Copper (Cu)			



Total Nitrogen (N)	15%	Sulfur (S)	2.4%
1.6% Ammoniacal Nitrogen		2.4% Combined Sulfur (S)	
6.3% Nitrate Nitrogen		Iron (Fe)	0.6%
7.1% Urea Nitrogen		0.6% Water Soluble Iron (Fe)	
Available Phosphate (P₂O₅)	8%	Manganese (Mn)	0.09%
Soluble Potash (K₂O)	23%	0.09% Water Soluble Manganese (Mn)	
Magnesium (Mg)	1.3%	Molybdenum (Mo)	0.0009%
0.3% Water Soluble Magnesium (Mg)			



Total Nitrogen (N)	20%	Copper (Cu)	0.05%
1.0% Ammoniacal Nitrogen		0.05% Chelated Copper (Cu)	
5.3% Nitrate Nitrogen		Iron (Fe)	0.20%
13.7% Urea Nitrogen		0.20% Chelated Iron (Fe)	
Available Phosphate (P₂O₅)	6%	Manganese (Mn)	0.05%
Soluble Potash (K₂O)	22%	0.05% Chelated Manganese (Mn)	
Boron (B)	0.02%	Molybdenum (Mo)	0.0009%
		Zinc (Zn)	0.05%
		0.05% Chelated Zinc (Zn)	

Catalog #	Item #	Description	Wt.	Pack
37-101707	51724	Acid Special 17-06-06	1.5 lb. tub	12
37-102002	52008	All Purpose 20-20-20	8 oz. tub	12
37-102007	52024	All Purpose 20-20-20	1.5 lb. tub	12
37-102017	52064	All Purpose 20-20-20	4 lb. tub	6
37-102026	52010	All Purpose 20-20-20	10 lb. bag	1
37-102080	70000	All Purpose 20-20-20 sample packets	12 gram	350
37-101002	51008	Blossom Booster 10-30-20	8 oz. tub	12
37-101007	51024	Blossom Booster 10-30-20	1.5 lb. tub	12
37-101017	51064	Blossom Booster 10-30-20	4 lb. tub	6
37-101686	70001	ClassiCote 16-9-23 TR sample packets	15 gram	200
37-101609	54048	ClassiCote 16-9-23 Time-Release	2 lb. tub	6
37-101502	51508	Houseplant Special 15-30-15	8 oz. tub	12
37-103002	53008	Orchid Special 30-10-10	8 oz. tub	12
37-102207	52624	Petunia FeED 20-6-22	1.5 lb. tub	12
37-102226	52610	Petunia FeED 20-6-22	10 lb. bag	1
NEW!	59064	Jack's Hydroponic 5-12-26	4 lb. tub	6
NEW!	59164	Jack's Hydro Herb 16-4-17	4 lb. tub	6

MAJOR ELEMENTS

ALUMINUM SULFATE*

Used to acidify alkaline or neutral soil for holly, azaleas, rhododendrons and other plants. Also produces blue flowers on hydrangeas. Acidifying action makes iron in the soil more available in plants. Average use rate ½ to 1 lb. per 10 sq. ft. Use 1 lb. to 5 gals. of water 1/week for 5-7 weeks.

CALCIUM NITRATE 15.5-0-0

Refined, prilled (uncoated) highly soluble material (0.2% or less insoluble). It is an ideal source of water soluble nitrogen and calcium for greenhouse liquid feeding programs. Does not alter pH of medium. Used to promote aggregation of soil colloids & to control blossom end rot in tomatoes. Supplies about 19% Ca.

POTASSIUM NITRATE 13-0-44 HAZMAT

"Nitrate of potash". This water soluble material is a good source of potassium and nitrogen (in the nitrate form) in custom blends of liquid feed. Produces a slight alkaline residual in soils.

MONO-POTASSIUM PHOSPHATE 14-61-0

A soluble salt that is a source of phosphorus and potassium and a buffering agent. When used with urea and ammonium phosphates, it minimizes escape of ammonia by keeping the pH relatively low.

TRIPLE SUPER PHOSPHATE* 0-46-0

A very high source of phosphorus that has to be mixed very well throughout the growing medium. In media lacking sulfur, this material should be supplemented with gypsum or other sulfur-containing fertilizer.

PH ADJUSTERS

PHOSPHORIC ACID HAZMAT

Use for adjusting alkalinity.

PH BOOSTER 0-0-25: Potassium solution for raising pH.

PH REDUCER (CITRIC ACID): Organic citric acid + wetting agent to lower the pH.

SULFURIC ACID

Use for adjusting alkalinity.

***DENOTES FIELD GRADE FORMULATION.**

ACIDS NOTE: \$25.00 DRUM DEPOSIT WHICH INCLUDES A \$5.00 EPA WASTE AND CLEANING DISPOSAL CHARGE. \$20.00 REFUNDABLE IF EMPTY DRUM IS RETURNED TO WALDO'S WITH PLUGS INTACT.

MINOR ELEMENTS

HYDRO-MAX

Natural wetting agent and soil penetrant derived from the MOhave Yucca plant. Can be mixed with N-P-K fertilizers to improve foliar nutrient absorption.

MAGNESIUM SULFATE

epsom salts Used to supply magnesium where it is lacking. General use: 1/2 lb./100 sq. ft. Contains 9.6% magnesium & 14.5% sulfur.

MICREL TOTAL

Has horticulturally correct ratio of magnesium, sulfur, boron, copper, iron, manganese, molybdenum and zinc. Immediately absorbs.

MILLER IRON CHELATE 10%

Water soluble, readily available to plants. Generally performs best on slightly acid to slightly alkaline and calcareous soils where pH is 6.0 to 7.5.

MOLYBDENUM

Aids in the transformation of nitrate nitrogen into protein. Deficiency is indicated by tissue death on leaf margin and leaves don't fully expand or leaf burn due to nitrate build up in leaves.

TRIPLE TEN 10-10-10

Clear solution containing an equal ratio of N, P, and K and 4% slow release Methylene.

X-XTRA IRON 10%

High Iron 9%, Low Nitrogen 6%. 100% soluble iron for foliar and root applications.

CATALOG #	DESCRIPTION	SIZE	PACK
45-100551	Aluminum Sulfate*	50 lbs	40/plt
45-170000	Calcium Nitrate	50 lbs	49/plt
45-130044	Potassium Nitrate (HAZMAT)	50 lbs	40/plt
45-100750	Mono Potassium Phosphate	50 lbs	40/plt
45-004600	Triple Super Phosphate*	50 lbs	40/plt
45-100350	Magnesium Sulfate	50 lbs	40/plt
46-351005	Miller Iron Chelate 10%	5 lbs	1
46-200100	Molybdenum	1 oz	1
44-021025	ph Reducer	2.5 gal	2
44-021300	ph Reducer	30 gal	1
44-022025	ph Booster 0-0-25	2.5 gal	2
46-107515	Phosphoric Acid	200 lbs.	1
46-106615	Sulfuric Acid 66°	220 lbs.	1
46-101315	Sulfuric Acid 1.367 diluted, RTU	155 lbs.	1
46-110105	Triple Ten 10-10-10	2.5 gal	2
44-023161	Hydro-Max	2.5 gal	2
46-110325	X-Xtra Iron 10%	2.5 gal	2
46-110125	Micrel Total	2.5 gal	2

Peters Professional offered by Everris is the brand to count on when needing 100% water soluble fertilizers. It has different varieties that respond to specific growing situations and different growth phases.



At a glance...

- The "Original;" the water soluble fertilizer solution that set the industry standard
- Broad range of formulations
- Highest quality, soluble ingredients and chelated micronutrients

These fertilizers have been the preferred choice of growers for more than 60 years. There are products for every crop or crop type, including formulas with the exclusive M-77® micronutrient package.



At a glance...



- A one bag solution with a patented technology to counter high alkalinity in irrigation water
- Formulations are compatible and can be mixed in one concentrate tank without forming precipitates
- Offers more flexibility to supply calcium and magnesium
- Highly soluble to help keep emitters clean

Growers have the ability to deliver complete plant nutrition using a single concentrate stock tank, while reducing or eliminating the need for additional acid injections to counter high alkalinity in irrigation water.



The industry's standard micronutrient supplement, providing the all-important "quick fix" nutrition for more than 50 years.

- C (Customizing) component can be used with a variety of B (Base) formulations
- Effective for all Water Types
- Contains the ideal balance of all essential micronutrients

NATURE'S SOURCE



NATURE'S SOURCE 10-4-3 PROFESSIONAL PLANT FOOD

Easier on plants

Nature's Source is lower in salts than most commonly used water soluble fertilizers and can be used as a foliar mist without burning or stretch. It also reduces the amount of leaching necessary to reduce salt build-up. No residue on leaves, either – or blue stains on your hands!

Nutritional value

In addition to N-P-K, Nature's Source contains micronutrients along with calcium and magnesium, to improve your plants' performance.

Pathogen-free, heavy metal free, GMO free.



Catalog #	Description
46-410403	Nature's Source 10-4-3 Plant Food (4.7 gal)



NATURE'S SOURCE 3-1-1 ORGANIC PLANT FOOD

Sustainable

Contains oilseed extract, a renewable source of plant nutrition. Plus, its low salt index lets you feed at higher rates than with most organic fertilizers. May be used as a foliar mist without worrying about burning or stretch.

Pathogen-free, heavy metal free, GMO free, food safety certified.

Catalog #	Description
46-411311	Nature's Source 3-1-1 Organic Plant Food (4.7 gal)



NATURE'S SOURCE 10-4-4 LANDSCAPE PLANT FOOD

NATURE'S SOURCE 10-4-4 IS THE SOLUTION FOR COMMERCIAL LANDSCAPERS WHO CARE ABOUT THE PLANET AS WELL AS QUALITY PLANTS.

Cost effective.

Concentrated liquid Nature's Source offers an economical alternative to traditional chemical fertilizers. And it works wonders on a wide range of plants.

Sustainable.

Contains oilseed extract, a renewable source of plant nutrition.

Nutritional value. In addition to N-P-K, Nature's Source contains micronutrients along with calcium and magnesium, to help plants thrive – even in high-traffic and high-stress areas.



Catalog #	Description
7514-US	Nature's Source 10-4-4 Landscape Plant Food 5 gal box



NATURE'S SOURCE PLANT FOOD PROBIATIC

NATURE'S SOURCE™ PLANT PROBIOTIC BRINGS YOUR SOIL TO LIFE.

Healthier plants.

Aids in nutrient breakdown, availability, and absorption while reducing nutrient leaching.

Root Boost. Stimulates root development and nutrient uptake. Increases tolerance to environmental stress

Catalog #	Description
7528-US	Nature's Source Plant Food Probiotic 1.25 lb. (5 - 0.25lb pk per bxx)
7521-US	Nature's Source Plant Food Probiotic 5 lb box

BIO SAFE PLANT FOOD

(10-4-3) Sustainable, liquid nutrient that includes oilseed extract, a natural source of plant nutrition. The unique formula promotes stronger stems and roots, greener foliage, and more blooms in all plant types resulting in higher quality plants. It is a foliar and root feed that is safe to use around people and pets*. Easy to use, mixes easily into cold water. Use when growing new plants, maintaining plants, and reviving plants from undesirable growing conditions.

- Cost Effective
- Foliar & Root Feed
- Non-Salt Based Formula; Won't Burn Plants
- Reduced Nutrient Leaching

Catalog #	Code	Description
46-350618	6700-18	Plant Food 18oz Concentrate 12/cs
46-350636	6700-36	Plant Food 36oz Concentrate 12/cs
46-350601	6700-1	Plant Food 1 Gal Concentrate 2/cs



DRAMMATIC® PLANT FOOD

Drammatic®
Liquid Fish Plant Food

We make our fertilizers from fresh fish carefully processed at low temperatures to maintain the integrity of naturally occurring amino acids, vitamins, hormones and enzymes. The raw material is then stored in digestion tanks to liquify the product.

Drammatic fish hydrolysates contain the natural oils and proteins of fish, which break down slowly to become available over a longer period of time.

In contrast, the majority of fish fertilizers on the market today are known as "emulsions." First the fish is cooked and the oil removed for paints and cosmetics. Then the protein is removed and dried to make fish meal for livestock feeds.

DRAMMATIC "O":

Pure Liquid Fish Hydrolysate Stabilized with Phosphoric acid

Low-temperature processed, Organic Liquid Fish Fertilizer (2-5-1) contains all the macro and micro-nutrients required for healthy plant growth. Ideal for all indoor and outdoor plants. Will NOT burn. OMRI Listed for use in organic production.

Catalog #	Description	Size
46-025102	Drammatic "O"	1 gal

Drammatic "O" is OMRI Listed.



Drammatic "K":

Pure Liquid Fish Hydrolysate with Phosphoric acid and Kelp

Provides even more micronutrients, vitamins and hormones which are beneficial to optimal plant growth. Makes nutrients more available to plants, prolong shelf life of fruits and vegetables, increase resistance to insects and disease, and improve soil structure.

Catalog #	Description	Size
46-025101	Drammatic "K"	1 gal



WHY KELP?

When using a Drammatic Fertilizer blend, you are receiving the benefit of three species of kelp. Ascophyllum nodosum, Sargassum & Laminariales contain a wide range of naturally chelated plant nutrients and trace elements, carbohydrates, amino acids and other growth promoting substances known as cytokinins. Growers who use kelp in their regular fertility program report increases in yield, quality, shelf life and resistance to environmental stresses such as drought, extreme heat, early frost, pest and disease problems.

Adding kelp to our fish makes for an ideal natural fertilizer. Fish provide the major nutrients and the kelp species supply essential micronutrients to give you a nutritionally complete and all-natural fertilizer.

MONTY'S



Monty's Plant Food supplies and enables other nutrients to become available to the plant promoting stronger, more productive growth. It can be used in the root zone but used as a foliar spray is the most effective and efficient method of application.

ALL PURPOSE (8-16-8)

For fertilizer application rate per acre suitable for your geographic area contact your dealer or us directly by phone, mail or our website. Please check with your dealer for availability.

- Foliar applications for efficient nutrient management
- Rapid response and growth
- Improved response during periods of crop stress
- Elevated Nitrogen (N) levels to support vigorous growth
- Tank-mix flexibility
- Available in 2.5, 30 and 275 gallon sizes.



ROOT & BLOOM (2-15-15)

For fertilizer application rate per acre suitable for your geographic area contact your dealer or us directly by phone, mail or our website. Please check with your dealer for availability.

- Foliar applications for efficient nutrient management
- Assistance with bloom retention and kernel fill
- Maximized production potential
- Elevated Phosphorus (P) and Potassium (K) levels to enhance reproductive cycles
- 2-15-15
- Tank-mix flexibility
- Available in 2.5, 30 and 275 gallon sizes.



INDOOR/OUTDOOR (4-15-12)

For fertilizer application rate per acre suitable for your geographic area contact your dealer or us directly by phone, mail or our website. Please check with your dealer for availability.

- Options for use in-row or broadcast
- Nutrients critical for early season development
- Improved response for transplants
- Elevated Phosphorus (P) and Potassium (K) levels to support root establishment
- Tank-mix flexibility
- Available in 2.5, 30 and 275 gallon sizes



Catalog #	Description	Size	Pk
46-012550	All Purpose 8-16-8 (yellow)	1/2 gal	6
46-012552		1 gal	4
46-012558		2.5 gal	2
46-010550	Root & Bloom 2-15-15 (orange)	1/2 gal	6
46-010552		1 gal	4
46-010558		2.5 gal	2
46-011052	Indoor/Outdoor 4-15-12 (green)	1 gal	4
46-011058		2.5 gal	2

MILWAUKEE PH METER



MW100/MW101/MW102/MW500

Entry level, inexpensive pH/ORP/Temperature Portable Meters for fast and reliable results

MW100, MW101, MW102 and **MW500** are compact pH, ORP and temperature Portable Meters with Faster Micro Processor. These handy and ergonomically designed portable meters are ideal for anyone working on a low budget and still requires fast and reliable measurements.

These portable meters are suitable for a wide range of applications, such as Educational, Agriculture and Horticulture, as well as water and environmental analysis. These easier and faster to calibrate portable meters have a smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD Display and long battery life.

All meters are supplied with pH or ORP electrodes and calibration solutions.

- **MW100** performs pH measurements with a 0.1 pH resolution and with manual temperature compensation.
- **MW101** performs pH measurements with a 0.1 pH resolution and with manual temperature compensation.
- **MW102** is a microprocessor based pH/Temperature meter with extended range, AutoTemperature & Auto Calibration in 2 points and +/- 0.02 pH accuracy.
- **MW500** performs ORP measurements with a range of +/- 1000 mV.



MW801/MW802

Entry level, inexpensive pH/EC/TDS Portable Meters for fast and reliable results

MW801, and **MW802**, are compact portable meters with faster micro processors. These meters allow you to measure pH, EC (conductivity) and TDS with just one instrument and one single probe!

These easier and faster to calibrate portable meters have a smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD Display and long battery life.

Both Meters calibrate manually in pH, Conductivity and TDS.

Each meter is supplied with the MA850 interchangeable probe with 1 meter cable to measure pH, conductivity and TDS. The pH electrode utilizes a fiber junction to reduce contamination when measuring fertilizer solutions.

- **MW801** has a conductivity range that goes up to 1990 $\mu\text{S}/\text{cm}$ and TDS range that goes up to 1990 ppm is an ideal tool for drinking water measurements.
- **MW802** has a conductivity range that goes up to 6.00 mS/cm and the TDS up to 4000 ppm is ideal for testing in crop production.
- **Large and Easy-To-Read Display** **MW801** and **MW802** offer highly stable and accurate readings with a large LCD display.



FERTILIZER

CATALOG #	DESCRIPTION	PACK
26-920101	MW101 PH Meter	1
26-920102	MW801 PH Meter	1
26-207230	PH Buffer 7.0 230 mL	1
26-204230	PH Buffer 4.0 230 mL	1
MA9060	Conductivity Calibration Solution 230 ML	1

NUTRICOTE FERTILIZER

nutricote

Nutrients supplied through Nutricote fertilizer ideally match the physiology of a plants response to temperature. The release rate is not significantly influenced by soil moisture, soil type or ph and does not need complete decomposition for its action.

Nutricote's ability to outperform other products in extreme weather conditions has earned it much acclaim. During hot, humid and wet environmental conditions Nutricote maintains its consistent release characteristics and will not 'dump' nutrients during these stress conditions. Likewise, during cool periods Nutricote will slow down its release pattern to mimic the slower growth period of a plant's dormant season.

Unique Nutricote Qualities:

- True control of nutrient release
- Leaching of nutrients is minimized
- No salt build-up
- Flexibility in periods of releasing
- Resilient, non-brittle coating resists cracking or breaking when mixed with soil
- Particle size is very consistent
- Higher nitrate nitrogen content in comparison to most other coated fertilizers
- Incorporate in growing media or top-dress



NUTRICOTE REGULAR

Catalog #	Description	Size
45-414100	14-13-13 Type 100	40 lb Bag
45-414140	14-13-13 Type 140	40 lb Bag

NUTRICOTE TOTAL WITH MINORS

Catalog #	Description	Size
45-413100	13-11-11 Type 100	40 lb Bag
45-413140	13-11-11 Type 140	40 lb Bag
45-418160	18-6-8 Type 100	40 lb Bag
45-418140	18-6-8 Type 140	40 lb Bag

Pallet = 40 Bags

CALL FOR TRUCKLOAD PRICING

EVERRIS FERTILIZER

everris

OSMOCOTE

Designed for general nursery and greenhouse production, special circumstances such as sensitive or high value crops, and dibbling equipment. Can be incorporated or surface applied. Get the best return on your fertilizer investment, safely, by matching the nutrient release patterns with plant needs for optimal quality.

- Recommended for use when additional fertility is not required early in the growth cycle; such as in fall plantings or with spring crops that put on growth later in the season
- General nursery and greenhouse production
- Special circumstances such as sensitive or high-value crops
- Dibbling equipment
- Incorporation or Surface Application



CATALOG #	DESCRIPTION	SIZE
45-792022	Osmocote 3-4 Month 14-14-14	50 lb Bag
45-792070	Osmocote 8-9 Month 18-6-12	50 lb Bag
45-792070	Osmocote Plus 3-4 Month 15-9-12	50 lb Bag
45-792080	Osmocote Plus 5-6 Month 15-9-12	50 lb Bag
45-792090	Osmocote Plus 8-9 Month 15-9-12	50 lb Bag
45-516081	Osmocote Plus Tablets 15-8-11 7.5 gram	1 Box
45-411751	Osmocote Pro w/Micronutrients 17-5-11	50 lb Bag
45--516081	Osmocote Pro/IBDU Minors 8-9 month 20-4-8	50 lb Bag

GROWTH® PRODUCTS



ESSENTIAL PLUS 101

- 100% Natural Rooting Substance & Biostimulant w/ 21 L-Amino Acids
- For Planting, Transplanting and Sizing up
- For Greener, Denser and more vigorous plants
- Initiate and Enhances Rooting and Plant Growth at Every Stage of the Growing Cycle
- Overcomes transplant shock, quicker seed germination

CATALOG #	DESCRIPTION	SIZE	CASE PACK
44-020101	Essential Plus 101	1 gal.	4
44-020110		1qt.	12
44-020125		2.5 gal.	2



FERTILIZER

TRIPLE TEN 10-10-10

WITH 40% SLOW RELEASE NITROGEN

- 40% Slow Release Nitrogen
- Liquid Fertilizer with Balance N-P-K
- Provides dual efficiency of foliar and root uptake; no surges in growth just steady continuous feeding;
- Perfectly balanced solution with Low Salt Index for No Burn Potential
- Safe and Ideal for annuals and perennials



MICREL 5-0-0

WITH 40% SLOW RELEASE NITROGEN

Contains a horticulturally correct ratio of magnesium, sulfur, boron, iron, manganese, molybdenum & zinc (Mg, S, B, Fe, Mn, Mo, and Zn) that quickly and safely corrects chlorosis and other micronutrient problems. Its eight essential micronutrients can be immediately absorbed and utilized by trees and other plants for preventing and correcting problems, and it can be applied year-round.

CATALOG #	DESCRIPTION	SIZE	CASE PACK
46-110101	Triple Ten 10-10-10	1 gal.	1
46-110110	Micrel 5-0-0	1 gal.	1

pH REDUCER

- Citric Acid Solution for reducing pH in Soil & Water applications
- For use in Greenhouse, Turf and Ornamental applications
- Controls Algae
- Tank Mix Buffer Solutions
- Soil & Water pH Conditioner

CATALOG #	DESCRIPTION	SIZE	CASE PACK
44-021025	pH Reducer	2.5 gal.	1



BAMBOO PLANT SUPPORTS & STAKES

Bamboo Canes

Up to four times stronger than wood and are rot resistant. Excellent crop support for field grown nursery stock and unruly vining plants.



Bamboo Hoops

Available in a variety of lengths to support almost any vine for a longer period of time. Use a single hoop or double them up for those extra aggressive vines.



Hyacinth/Floral Stakes

Our Hyacinth/Floral Stakes and Split Bamboo are "pencil" shaped with one pointed end and one blunt end. Ideal alone for supporting spring flowering bulbs, mums, poinsettias and more. Or use one with our Plant Support Ring for more branch and stem support.



Plant Support Ring

See the following pages for info and pricing.



Bamboo Canes

Catalog #	Description	Color	Pack
69-102240	2' x 3/16" Bamboo Cane (4/6mm)	Green	1000/bdl
69-101360	3' x 5/16" Bamboo Cane (6/8mm)	Green	1000/bdl
69-102361	3' x 3/8" Bamboo Cane (8/10mm)	Natural	500/bdl
69-102481	4' x 7/16" Bamboo Cane (10/12mm)	Natural	250/bdl
69-102601	5' x 1/2" Bamboo Cane (12/14mm)	Natural	250/bdl
69-102721	6' x 5/8" Bamboo Cane (15/17mm)	Natural	100/bdl
69-102961	8' x 3/4" Bamboo Cane (16/18 mm)	Natural	50/bdl

Split Bamboo

Catalog #	Description	Color	Pack
69-111201	12" x 3/16" Split Bamboo (4mm)	Green	5000/bdl
69-111800	18" x 3/16" Split Bamboo (4mm)	Green	5000/bdl

Bamboo Hoops

Catalog #	Description	Color	Pack
69-131800	18" Bamboo Hoop	Natural	100/bdl
69-132400	24" Bamboo Hoop	Natural	100/bdl
69-133000	30" Bamboo Hoop	Natural	100/bdl
69-133600	36" Bamboo Hoop	Natural	100/bdl
69-134800	48" Bamboo Hoop	Natural	100/bdl

Hyacinth/Floral Stakes (seasonal - supply limited)

Catalog #	Description	Color	Pack
69-121200	12" Hyacinth/Floral Stake	Green	1000/bdl
69-121500	15" Hyacinth/Floral Stake	Green	1000/bdl
69-121800	18" Hyacinth/Floral Stake	Green	1000/bdl

CRAZY CLIPS



Snap together quickly and easily to string and stem to hold plants upright. It is the best plastic clip available for securing tomatoes and cucumbers to twine. Plus, they're reusable!

Catalog #	Item	Pk
69-072200	Original Crazy Clips	250

TWIST-EMS



A quick and economical way to secure plants to stakes. Simply place around stem and twist.

Catalog #	Description	Pk
69-060400	4" Twist Ems	250
69-060600	6" Twist Ems	500
69-060800	8" Twist Ems	500
69-061200	12" Twist Ems	500

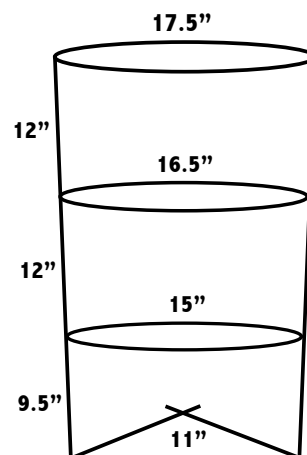
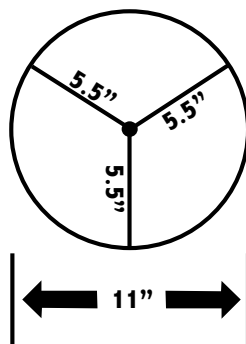
CROSSBOTTOM TRELLIS

**YOU NEED THE CROSSBOTTOM TRELLIS
IF YOU ARE GROWING FOR RETAIL SALES!**

Finally there is an affordable and functional trellis for the grower who wants it all. The Crossbottom Trellis accommodates many 12" to 13" containers. Once you drop your container into the Crossbottom Trellis you can then use the Crossbottom Trellis to move the container without fear of pulling out the trellis and the plant.



GREAT FOR FIBER & COLOR POTS!



Catalog #	ITEM #	Description	Bundle
66-063433	CPX012-3	Crossbottom Tomato Cage (Fits Color/Fiber Pot)	25

TOMATO CAGES

Our tomato cages & plant supports come in a variety of sizes and styles to fit your planting needs. Offering standard-economical round in 3 sizes, collapsible square fits perfectly in planters like our Ultimate Patio Garden and inverted 42" for vines, pillar geraniums & more.

**Discounts available on full pallets shipped direct from the manufacturer.
Call for our best price!**



- **Promotes healthier plant growth**
- **Durable construction**
- **Galvanized steel**
- **Nested for convenient storage**

Catalog #	Item #	Description	Pack
66-043333	3333	33"H x 12"W (3ring/3leg)	25
66-044243	3424	42"H x 14"W (4ring/3leg)	25
66-045443	4544	54"H x 16"W (4ring/4leg)	25
66-044293	3424i	Inverted (4ring/3leg) 42"H X 8"W Top Ring	25
66-044499	4440	44" Square Collapsible Cage (4ring/4leg)	25
66-044233	3423	42"H x 14"W (3ring/3leg)	25
66-065899	8580xx	58" Square Collapsible Cage	1



FLAGGING TAPE

Made from 1-3/16" wide vinyl material.

Catalog #	Color	Description	Size
69-221300		Flagging Tape, White	300'
69-221000		Flagging Tape, Blue	300'
69-220900		Flagging Tape, Green	300'
69-220700		Flagging Tape, Orange	300'
69-220600		Flagging Tape, Red	300'
69-221200		Flagging Tape, Pink	300'
69-220800		Flagging Tape, Yellow	300'
69-222400		Flagging Tape, Green Glo	150'
69-222200		Flagging Tape, Orange Glo	150'
69-222100		Flagging Tape, Red Glo	150'
69-222700		Flagging Tape, Pink Glo	150'
69-222900		Flagging Tape, Lime Glo	150'

EG #2 BYPASS PRUNER

The Professional Bypass Pruning shear blades are made with SK-5 High carbon steel with a polished finish for the upper blade, a drop forged aluminum handle with anodized finish and a vinyl grip on the handle.

Compare this high quality pruner to pruner Felco #2



Catalog #	Description
69-280002	EG #2 Professional Bypass Pruner

MINI CLIPPER

- Convenient Pocket Size
- Surgical Stainless Steel Blades
- Precision cutting
- Right or Left Hand use



Catalog #	Description
69-350t400	Mini Clipper

MAX TAPENER LABOR SAVING DEVICE!



Easy, simple operation!

One squeeze of the handle stretches the tape between the jaws ready to wrap around the plant stem and support. A second squeeze staples the tape firmly and cuts it off neatly.

An Amazing Time Saver!

Reducing labor from four people to one! It can tame tomatoes, climbing roses, topiary and all types of vines.

Catalog #	Stock	Standard Max Tapener & Tape
69-190000	MHTB	HTB Max Tapener
69-191060	AMO1	Green Tape #10, 120' (.004mil)
69-191050	MHT10	White Tape #10, 131' (.004mil)
69-191070	MHT15	Blue Tape #15, 85' (.006mil)
69-191080	MHT25	Red Tape #25, 52' (.010mil)
Catalog #	Stock	Large Max Tapener & Tape
69-190010	MHTB2	HTB2 Large Max Tapener
69-191090	MHT215	Green Tape #215, 180' (.006mil)
69-191100	MHT225	Green Tape #225, 108' (.010mil)
Catalog #	Stock	Staples & Blades
69-192200	MSTE	Staples 4800/box (604EL)
69-193250	MBLS	Replacement Blades 3/pkg

GARDENSHARP

The GardenSharp Tool Sharpener is designed to sharpen all those single-edged, hard-to-sharpen items, will not rust, and can be cleaned with soap and water or in a dishwasher!



Catalog #	Description
69-400006	GardenSharp (12 per case)



TYNE PLANT SUPPORTS GROWER PRICING



CAP 'N' GROW

This soft rubber cap holds three bamboo stakes firmly in place to create a natural appearing teepee for training your plants. The versatile Cap 'n' Grow will support stakes from 2-6 foot in length.

Catalog #	Item #	Description	Pk	MC Wt.	Master Case
NEW!	CC4EP	Single Head Cane Cap	100	2.50#	250
69-004130	PYR2	Cap 'N' Grow	100	22#	1000



PLANT SUPPORT CLIPS

Clips onto any normal split canes. It supports and guides the plant as it grows and is easily altered. Because it grips the cane, there is no tying involved. It is ideal for all types of floppy plants climbers, bulbs, ivy, clematis, freesias and geraniums.

Catalog #	Item #	Description	Pk	MC Wt.	MC Qty
69-002830	PSC11	4.3" Support Clip	50	3.3#	500

Discontinued Items - Sale prices good while supplies last.



PLANT RINGS

Plant rings fit onto any size cane and adjust up or down the cane as required. The ring is divided into segments, which gently hold stems in place.

Catalog #	Item #	Description	Pk	MC Wt.	MC Qty
69-006030	PS62	6" Plant Rings	50	13.2#	250
69-006230	PS10	10" Plant Rings	50	10#	100

POT SUPPORT CLIPS

The Pot Clip easily clips over the rim of all types of pots and grips securely. Once attached, it keeps the pots stable and secure, preventing accidental spills or upsets from the wind.

Catalog #	Item #	Description	Pk
69-001980	PC4	4" Pot Clip	100
69-002280	PC6	6" Pot Clip	100
69-002580	PC9	9" Pot Clip	100
69-002480	PC12	12" Pot Clip	100

Discontinued Items - Sale prices good while supplies last.





TYNE PLANT SUPPORTS GROWER PRICING



GRO TRIANGLES

Designed to hold three thin canes upright, creating a triangular column.

Catalog #	Item #	Size	Pk	MC Wt.	MC Qty
69-003630	GRO-T	3.25" Gro Triangle	100	6.6#	500
69-003730	GRO-T2	6.75" Gro Triangle	100	11.2#	500



CLIP-ON TRELLIS

Slips easily onto the rim of most pots without interfering with the roots. Ideal for ivy, clematis and other climbers. Measures 20" above pot. Will not clip onto rolled rim pots, but may be inserted directly into the soil.

Catalog #	Item #	Description	Pk
69-002693	PS11G	Trellis, Green	50

POT SUPPORT BASE

Holds most pots 2" - 8 1/2" in diameter to stop blow over. Pots easily insert at top and are held firmly. Bases can attach to form a grid.

Catalog #	Item #	Description	Pk
69-004580	PSB1	2" H x 8.5" Diameter Pot Support Base	25



TRIPODS

Tripod legs are easily spread and inserted into soil. The legs have steps on them to give extra grip in the soil. The legs have protrusions along them so that the plant can grip and secure itself as it grows. The top acts as a cane cap. Features a lug so a label may be clipped on.

Catalog #	Item #	Size	Pk	MC Wt.	MC Qty
69-007030	TR18	18" Tripod	50	22#	250
69-007130	TR24	24" Tripod	50	26.4#	250
69-007230	TR32	32" Tripod	50	46.2#	250

CANE SUPPORTS

An economical way to reduce the mess and create more saleable items. Cane Supports are designed to grip and hold canes upright and steady in pots, which helps to prevent damage to plants. Cane Supports are not affected by wind and will stay vertical in all weather. Cane Supports are so strong, the pots can be lifted by the cane!

Catalog #	Item #	Description	Pk	MC Wt.	MC Qty
69-003180	CBS1	Cane Supports	100	44#	500





TYNE PLANT SUPPORTS GROWER PRICING



OBELISK

Made to look like wrought iron. These obelisks have hook type grips on the bottom of their legs to achieve a secure hold in soil.

Steps up the legs allow climbers to attach easily.



Catalog #	Item #	Description	Pk
69-007480	OB2	6" X 32"	50
69-007580	OB3	6" x 25-1/2"	50

BAMBOO TRELLIS

This plastic trellis has grips on the legs, so when inserted into soil it will be stable and not pull out easily. Ideal for ivy, clematis and other climbers.



Catalog #	Item #	Size	Pk
69-002720	PS16	32" High Trellis	50
69-002727	PS17	25" High Trellis	50

TYNE NURSERY GROWER PRICING

NO RUST PEGS

Ideal for holding down ground cover. NO RUST pegs are made from a black durable plastic, and feature a wide head and shank for maximum hold. Gently hammer into ground every 2-3 feet.

Catalog #	Item #	Description	Pack
30-810060	MMP2	6" Peg	100
30-811080	MMP3	7.5" Peg	100



YELLOW PLASTIC WASHER

This plastic yellow washer fits both of the NO RUST Peg heads (MMP2 and MMP3) to help secure ground cover.

Catalog #	Item #	Description	Pack
30-812990		Yellow Washer	100



GROUND SHEET PEGS

Sheet Pegs keeps all types of sheeting and frost covers securely in place, SP2 has an 8" prong. Easy to use, made from a durable plastic and are totally reusable. Simply drive the peg into the soil every two meters, ends are best earthed over.

Catalog #	Item #	Description	Pack
69-006880	SP2	8" Sheet Peg	50





TYNE PLANT SUPPORTS GROWER PRICING



SECURING CLIPS

Secures, protects plants from being blown over. Bend the clip around the plants or cane and slip onto the straining wire. Available in varying lengths that clip onto 3-4mm support wire or cable.



Catalog #	Item #	Description	Pk	MC Wt.	MC Qty
69-005080	SC53	4½" x 3 mm wire	100	4.4#	1000
69-005180	SC54	4½" x 4 mm wire	100	4.4#	1000
69-005280	SC55	5½" x 4 mm wire	100	4.4#	1000
69-005580	SC60	9¼" x 4 mm wire	100	4.4#	500

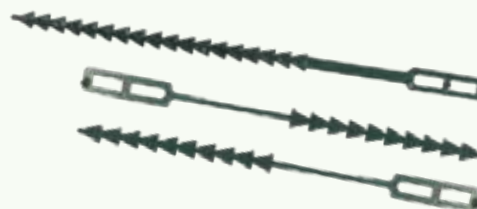
Discontinued Items - Sale prices good while supplies last.

ADJUSTABLE SHRUB TIES

A single tie for tying of climbers, shrubs and small trees. Made from green polyethylene material, it is very strong and long lasting.

Catalog #	Item #	Description	Pk	MC Wt	MC Qty
69-000030	TP125	5" Shrub Tie	500	1.1#	1000
69-000130	TP175	7" Shrub Tie	500	2.2#	1000

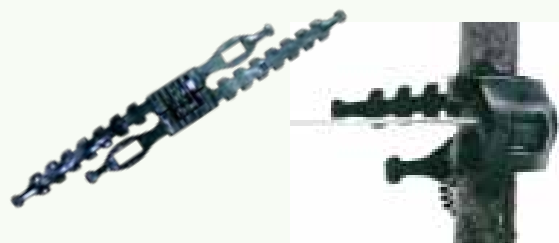
Discontinued Items - Sale prices good while supplies last.



TREE SUPPORT TIES

The TREE SUPPORT TIE is designed to support and protect the tree when grown against any steel or nylon wire and non slip cord. When the tie is tightened it self grips and does not slip along the wire or cord. The tree is held firmly and it does not suffer any damage to the bark. The tie is soft, strong, black, and UV protected.

Catalog #	Item #	Size	Pk
69-000200	TST200	Very Small Tree Tie (11" Long)	100
69-000300	TST300	Small Tree Tie (12" Long)	100
69-000380	TST400	Medium Tree Tie (16" Long)	100



SUPER SOFT TREE TIES

Easier to use than other tree ties, Super Soft Ties are made from soft rubberized plastic with molded grooves to prevent damage to the tree. The tie will stretch as the tree grows. Approximate life span is 10-12 years.

Catalog #	Item #	Size	Pk
69-000580	TP30	1/2" x 12" Tree Tie	50
69-000830	TP35	5/8" x 14" Tree Tie	50
69-001180	TP40	7/8" x 15" Tree Tie	50
69-001480	TP45	7/8" x 18" Tree Tie	50
69-001780	TP60	7/8" x 23" Tree Tie	50



TYNE PLANT SUPPORTS

GROWER PRICING

T-LABELS

T-Labels are designed for use where a larger label is needed. Choose from the straight style or the angled style. The Angled T-label is great for placing near or on the ground for easier viewing. Optional black base is also available and fits all T-label stems.

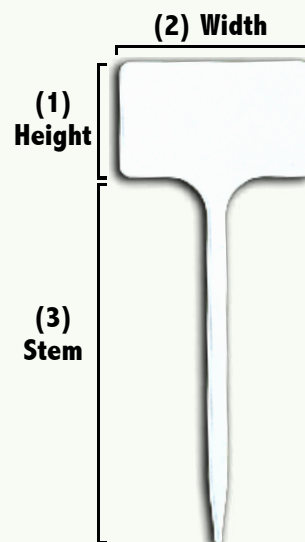
STRAIGHT T-LABELS

Catalog #	Item #	Description	Pk
68-285000	SL135W	1 1/4" x 2" w/ 4 1/2" stem - White	1000
68-285009	SL135Y	1 1/4" x 2" w/ 4 1/2" stem - Yellow	1000
68-285500	SL250W	2-1/8" x 3-5/8" w/ 7" stem - White	100
68-285509	SL250Y	2-1/8" x 3-5/8" w/ 7" stem - Yellow	100
68-285501	SL250BK	2-1/8" x 3-5/8" w/ 7" stem - Black	100
68-286200	SL340W	2-1/8" x 4" w/ 10 1/2" stem - White	100
68-286209	SL340Y	2-1/8" x 4" w/ 10 1/4" stem - Yellow	100
68-286945	SL445W	3" x 4 1/4" w/ 14" stem - White	50
68-287545	SL545W	3 1/2" x 5 1/2" w/ 17 1/2" stem - White	50
68-281009	SL735Y	4 1/2" x 7 1/2" w/ 24" stem, Yellow	50

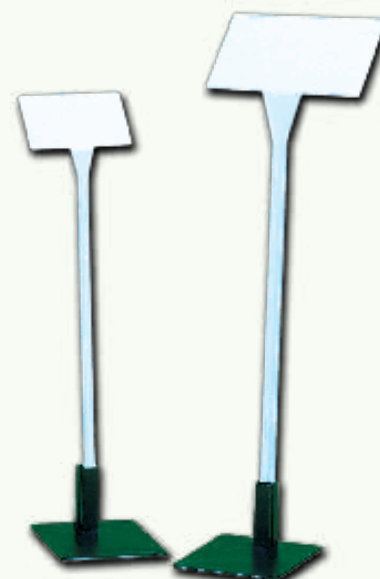
ANGLED T-LABELS

Catalog #	Item #	Description	Pk
68-285300	SL190W	1 3/4" x 2-7/8" w/ 5 3/4" stem, White	50
68-285800	SL275W	3" x 5" w/ 8" stem, White	50
68-285809	SL275Y	3" x 5" w/ 8" stem, Yellow	50
68-286600	SL400W	2 1/2" x 4" w/ 14" stem, White	50
68-286609	SL400Y	2 1/2" x 4" w/ 14" stem, Yellow	50
68-286601	SL400BK	2 1/2" x 4" w/ 14" stem, Black	50
68-286613	SL400BL	2 1/2" x 4" w/ 14" stem, Blue	50
68-286604	SL400R	2 1/2" x 4" w/ 14" stem, Red	50
68-286900	SL440W	3-1/8" x 4 3/4" w/ 14" stem, White	50
68-287500	SL500W	3-7/8" x 6" w/ 17" stem, White	25
68-287509	SL500Y	3-7/8" x 6" w/ 17" stem, Yellow	25
68-287501	SL500BK	3-7/8" x 6" w/ 17" stem, Black	25
68-287640	SL650	4 3/4" x 7-3/8" w/ 24 1/4" stem - White	25
68-319901	BASE	Label Base	25

Measurements are
Height x Width + Stem



Color choices (shown below) vary for sizes. Look to the pricing information for details.





TYNE PLANT SUPPORTS

GROWER PRICING

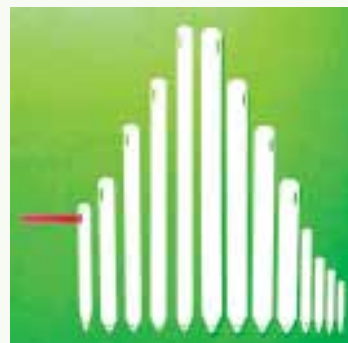


TY LABELS

TY Labels are made from heavy-duty plastic with an ample writing area. They are available in many sizes. They can be used as a stick-in pot label or to attach to a pot with a label gun through pre-punched holes.

Catalog #	Item #	Description	Pk
68-250400	TY4W	4" TY Labels - White	1000
68-250409	TY4Y	4" TY Labels - Yellow	1000
68-250407	TY4O	4" TY Labels - Orange	1000
68-250413	TY4B	4" TY Labels - Blue	1000
68-250415	TY4P	4" TY Labels - Purple	1000
68-250600	TY5W	5" TY Labels - White	1000
68-250609	TY5Y	5" TY Labels - Yellow	1000
68-250607	TY5O	5" TY Labels - Orange	1000
68-250613	TY5B	5" TY Labels - Blue	1000
68-250615	TY5P	5" TY Labels - Purple	1000
68-250800	TY6W	6" TY Labels - White	1000
68-251000	TY8W	8" TY Labels - White	500
68-251400	TY10W	10" TY Labels - White	50
68-251600	TYEL12W	12" Garden Labels w/ slot - White	50
68-252200	TYEL16W	16" Garden Labels w/ slot - White	50
68-252400	TYEL20W	20" Garden Labels w/ slot - White	50
68-252500	TYEL24W	24" Garden Labels w/ slot - White	50

Sizes 10-24 have slots for color coding with loop lock labels and flagging tape.



4" and 5" have five colors available (shown below).

6" through 24" are only available in white. Look to the pricing information for details.



VINYL LOOP LOCK LABELS

Loop Lock Labels are used to label hanging baskets, vines, bushes, trees, and more! Measures 1/2" wide by 6-1/2" long and has 1000 labels on a roll.

There are six colors to choose from. All shown below.



Catalog #	Item #	Description	Pack
68-358200	LL625W	Loop Lock Labels - White	1000
68-358209	LL625Y	Loop Lock Labels - Yellow	1000
68-358211	LL625G	Loop Lock Labels - Green	1000
68-358207	LL625O	Loop Lock Labels - Orange	1000
68-358204	LL625R	Loop Lock Labels - Red	1000
68-358217	LL625PI	Loop Lock Labels - Pink	1000



UPDATED: 3/26/15

BUCKET LABELS

Bucket labels will clip onto the rim of most nursery containers and will stay on securely. Ideal for large perennials, mums, poinsettias, bushes and trees. Choose from the regular white style or the convenient blackboard style both shown here. The stem for both is white.

Catalog #	Item #	Description	Pk
68-285900	SL280W	BL - 2 1/2" x 4" w/ 7 3/4" stem	25
68-286025	SL290BB	BL BB - 4" x 6 1/4" w/ 17" stem	25



BLACKBOARD LABELS

These unique labels are ideal for marking sale items. Available in 2 sizes, so no matter how much or how little information you need visible, there is a size to fit your needs. Also a very economical style - use ordinary chalk and simply wipe clean to re-use!

Catalog #	Item #	Description	Pk
68-286925	SL440BB	BBL - 3" x 4 3/4" w/ 14" stem	50
68-285820	SL275BB	BBL - 3-1/4" x 5-1/4" w/10-1/2" stem	50
68-287525	SL500BB	BBL - 4" x 6-3/8" w/ 17 1/4" stem	25
68-287650	SL650BB	BBL - 4-3/8" x 7 1/4" w/ 24 1/4" stem	25



CARD HOLDER

The Card Holder is the easiest and quickest way to place sticky cards in your pots and flats or for easy read insect detection. May also be used as a sign holder. To label plants in greenhouse nursery and retail areas. Measures 13" tall. Choose from the 2.5" square size or the larger 5" x 7" size.

Catalog #	Item #	Description	Pk
68-287001	SL450	2.5"x 2.5" holder w/ 13" stem	25
68-287201	SL465	5" x 7" holder w/ 13" stem	25





TYNE PLANT SUPPORTS GROWER PRICING

Waldo
& ASSOCIATES, INC.

INFO STICKS

Info Sticks hold picture labels either vertically or at 45°. Label is very easily and quickly clipped into position. Over non-return prongs. The label is securely held and will not spin, be blown or pulled out easily. The label pivots on prong and the customer can read the back of the label without pulling the stick out of the soil.

Catalog #	Item #	Size	Pk
67-500010	IF6	6" Info Stick, green	100
67-500110	IF11	11" Info Stick, green	100
67-500210	IF15	15" Info Stick, green	100
67-500310	IF24	24" Info Stick, green	100



BLACK SIGN HOLDERS

Tyne classic black sign holders are made of a sturdy UV resistant, black plastic. Securely holds 11" x 7" or 5" x 7" signs in place. Select Flat Double Face style which supports signs on both sides or Angled Single Face style which supports one sign in an upward facing position. Complete with a 22" stem or adjustable 24"-36" stem and base.

Catalog #	Item #	Description	Pk	MC Weight	MC Qty
67-501100	SL901	7" x 5" Flat Double Face w/ 22" stem	1	28.6#	50
67-501400	SL904	7" x 5" Angle Single Face w/ 22" stem	1	28.6#	50
67-502000	SL910	11" x 7" Flat Double Face w/ 22" stem	1	30.8#	25
67-502100	SL911	11" x 7" Angle Single Face w/ 22" stem	1	30.8#	25
67-501500	SL905	11" x 7" Flat Double Face w/ Adjustable stem (24"-36")	1	33#	25
67-501600	SL906	11" x 7" Angle Single Face w/ Adjustable stem (24"-36")	1	33#	25



Flat Double Face
SL901, SL910, SL905

Includes:

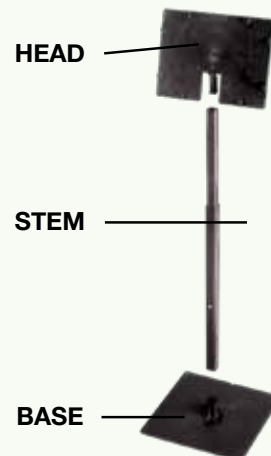
- * 7" x 5" or 11" x 7" head
- * Adjustable or Non-Adjustable Stem
- * 10" Square Base



Angled Single Face
SL904, SL911, SL906

Includes:

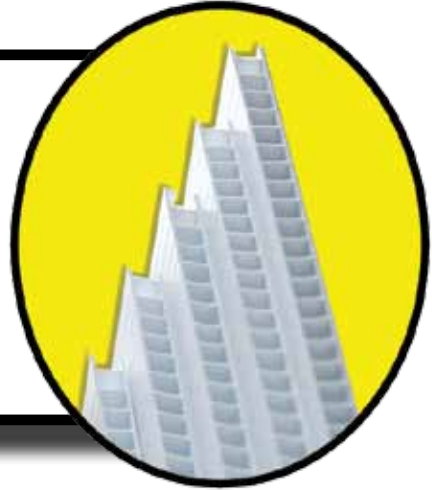
- * 7" x 5" or 11" x 7" head
- * Adjustable or Non-Adjustable Stem
- * 6" Square Base





COROPLAST

Coroplast is a plastic product which refers to a wide range of extruded twinwall plastic-sheet products. It is a lightweight tough material commonly used to erect commercial, political or other types of signs. We print all of our coroplast signs with the “flutes” vertically so you can easily put it on a holder. Our coroplast signs are guaranteed against yellowing.



We offer a large selection of plant information signs that are already designed. However if we do not have what you are looking for we can create a custom sign for you. Check our pre-designed plant information sign index on page 99-100 and our custom COROPLAST sign pricing below.

CUSTOM COROPLAST SIGNS

5" X 7" CUSTOM COROPLAST:

ONE-SIDED: \$1.75 EA
93-060507

TWO-SIDED: \$1.95 EA
93-060507

8" X 8" CUSTOM COROPLAST:

ONE-SIDED: \$3.15 EA
93-010-08

TWO-SIDED: \$3.95 EA
93-020808

12" X 12" CUSTOM COROPLAST:

ONE-SIDED: \$5.95 EA
93-011212

TWO-SIDED: \$6.95 EA
93-012212

8" X 24" CUSTOM COROPLAST:

ONE-SIDED: \$7.95 EA
93-010824

TWO-SIDED: \$10.25 EA
93-020824

12" X 24" CUSTOM COROPLAST:

ONE-SIDED: \$12.50 EA
93-011224

TWO-SIDED: \$15.50 EA
93-021224

16" X 24" CUSTOM COROPLAST:

ONE-SIDED: \$16.50 EA
93-011624

TWO-SIDED: \$20.75 EA
93-021624

24" X 24" CUSTOM COROPLAST:

ONE-SIDED: \$23.75 EA
93-012424

TWO-SIDED: \$30.75 EA
93-022424

24" X 48" CUSTOM COROPLAST:

ONE-SIDED: \$49.50 EA
93-012448

TWO-SIDED: \$61.75 EA
93-022448

RIGID VINYL



Rigid vinyl is a durable thin plastic material perfect for sliding into metallic sign holders. We stock pre-designed signs and offer an assortment of custom sizes to print anything your business may need.

We offer a large selection of plant information signs that are already designed. However if we do not have what you are looking for we can create a custom sign for you. Check our pre-designed plant information sign index on page 99-100 and our custom RIGID VINYL sign pricing below.

CUSTOM VINYL SIGNS

5" X 4" CUSTOM RIGID VINYL:

ONE-SIDED: \$1.70 EA

7" X 5" CUSTOM RIGID VINYL:

ONE-SIDED: \$1.75 EA

8" X 8" CUSTOM RIGID VINYL:

ONE-SIDED: \$3.15 EA

11" X 7" CUSTOM RIGID VINYL:

ONE-SIDED: \$3.95 EA

12" X 12" CUSTOM RIGID VINYL:

ONE-SIDED: \$5.95 EA

8" X 24" CUSTOM RIGID VINYL:

ONE-SIDED: \$7.95 EA

24" X 24" CUSTOM RIGID VINYL:

ONE-SIDED: \$23.75 EA

48" X 48" CUSTOM RIGID VINYL:

ONE-SIDED: \$79.95 EA

VINYL BANNER

Our banners have a UV coating to guarantee no yellowing or fading of colors thus providing you with long lasting full color images. All banners come with reinforced backs and grommated corners. 2 year weather graded.

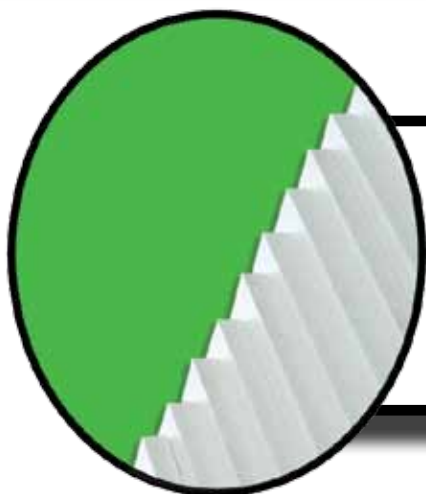


30" WIDTH: \$9.75 per linear foot (corners reinforced & grommated)

38" WIDTH: \$10.70 per linear foot (corners reinforced & grommated)

53.75" WIDTH: \$15.55 per linear foot (corners reinforced & grommated)

SINTRA



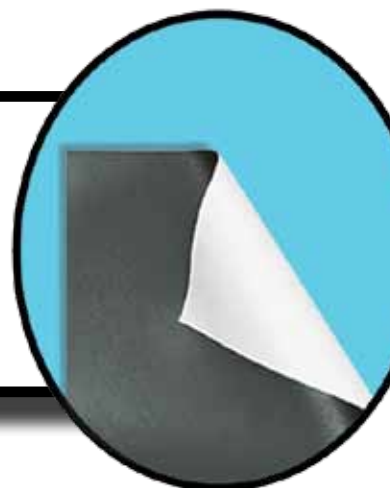
3MM Sintra is the industry's leading PVC board for more than 20 years. It is lightweight yet rigid and durable and is the brightest and whitest PVC board on the market. Made In USA. The minimum order for Sintra is one sheet 48" x 48".

ONE-SIDED SHEET: \$97.70 EA

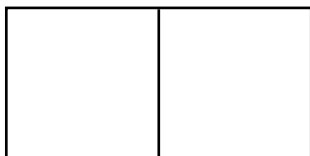
TWO-SIDED SHEET: \$127.00 EA

MAGNETS

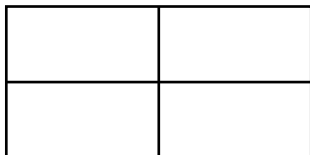
Magnetic signs are a great way to promote your business. Whether it be on your building or on the side of your truck/van. You can gain great exposure by using them as an advertising piece. Our high quality magnets will not curl or fade and come printed with the brightest and best colors.



LARGE SIGN 12" X 24": \$29.95 per sheet (1 per sheet)



SMALL SIGN 12" X 12": \$29.95 per sheet (2 per sheet)



SMALL SIGN 6" x 12": \$29.95 per sheet (4 per sheet)

**TURN YOUR AUTO INTO A MARKETING
MACHINE FOR YOUR COMPANY WITH OUR
AFFORDABLE CUSTOM MADE-TO-ORDER
MAGNETIC SIGNS!**



STOCK SIGNS

PLANT INFORMATION SIGNS - INDEX PG. 90-91

COROPLAST & RIGID VINYL

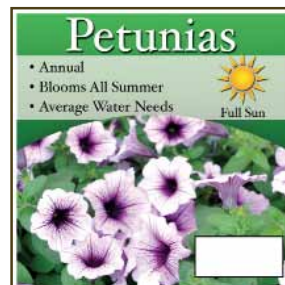
Our plant information signs are ideally sized for bench displays and contain specific plant information. Each sign offers a large photo with plant care and light requirements and a white box for pricing.


5" X 7"

ONE SIDED: \$1.75
TWO SIDED: \$1.95

8" X 8"

ONE SIDED: \$3.15
TWO SIDED: \$3.95



EDIBLE VARIETIES BENCH/BED SIGNS - INDEX PG. 90-91

COROPLAST & RIGID VINYL

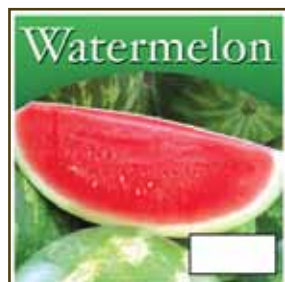
Our edible variety signs are ideally sized for bench displays and contain a large photo and a white box for pricing.


5" X 7"

ONE SIDED: \$1.75
TWO SIDED: \$1.95

8" X 8"

ONE SIDED: \$3.15
TWO SIDED: \$3.95



GARDEN CENTER SIGNS - INDEX PG. 90-91

COROPLAST & VINYL BANNER

Our garden center signs are perfect for categorizing and organizing displays and providing visuals for where customers can find things.


8" X 24"

ONE SIDED: \$6.95
TWO SIDED: \$8.95


2.5" X 7.5"

ONE SIDED VINYL BANNER: \$73.13

PRICE POINT SIGNS

COROPLAST

Our price point signs are great for a garden center or farm market to showcase product pricing in a clean consistent fashion



2 SIDED 4" X 6" - BLANK CENTER:

\$0.99

CUSTOM 1 SIDED 4" X 6":

\$79.95

CUSTOM 2 SIDED 4" X 6":

\$99.95



CUSTOM PRICE POINT SIGNS MINIMUM ORDER OF 1 SHEET. 96 SIGNS PER SHEET.

STOCK SIGNS

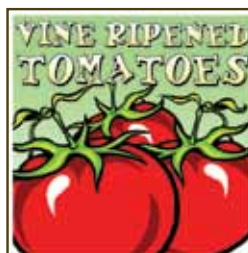
FARM & ROADSIDE MARKET SIGNS - INDEX PG. 90-91 COROPLAST & VINYL BANNER

Our farm & roadside market signs are perfect for drawing in customers by clearly advertising what you have available.

8" X 24"
TWO SIDED: \$8.95



2.5" X 7.5"
ONE SIDED VINYL BANNER: \$73.13



8" X 8"
TWO SIDED: \$6.95

12" X 12"
TWO SIDED: \$6.95

24" X 24"
TWO SIDED: \$26.75

BUSINESS STOCK SIGNS - INDEX PG. 90-91

COROPLAST & VINYL BANNER

Provide your business with everything it needs with our business stock signs. Promote sales, clearance items and anything else you need with a sign or banner.



8" X 24"
ONE SIDED: \$6.95
TWO SIDED: \$8.95



2.5" X 7.5"
ONE SIDED VINYL BANNER: \$73.13

HOLIDAY & BUY LOCAL SIGNS - INDEX PG. 90-91

COROPLAST & VINYL BANNER

Promote your holiday sales and specials or encourage patrons to shop local with some great new signs.

8" X 24"
ONE SIDED: \$6.95
TWO SIDED: \$8.95



2.5" X 7.5"
ONE SIDED VINYL BANNER: \$73.13



24" X 24"
TWO SIDED: \$26.75

**ADD YOUR LOGO OR A SIGN CONVERSION KIT FOR
ONLY \$1 PER SIGN!**

STOCK PLANT INFORMATION SIGN INDEX

Abutilon _____	•Bell Flower _____	Erysimum _____	Iresine _____	New Guinea Impatiens _____	Saponaria _____
Acalypha _____	•Blue Clips _____	Eucalyptus _____	Iris _____	Nicotiana _____	•Rock Soapwort _____
Achillea _____	•White Clips _____	Eupatorium _____	Ivy _____	Oenothera _____	Scabiosa _____
Aegopodium _____	•Canterbury Bells _____	Euphorbia _____	•English _____	•Sundrops Missouriensis _____	Scaevola _____
Agastache _____	Campsis _____	•Donkey Tail _____	•Fancy _____	•Sundrops _____	Schizachyrium _____
Ageratum _____	Candy Tuft _____	•Yellow _____	•Swedish _____	Osteospermum _____	Scleranthus _____
Ajuga _____	Canna _____	Festuca _____	Juncos _____	Outback Sunset _____	Sedum _____
Akebia _____	Carex _____	Fiber Optic Grass _____	•Spiralis _____	Oxalis _____	•Upright _____
Alternanthera _____	Carnations _____	Filipendula _____	Kniphofia _____	Pansies _____	•Creeping _____
Alyssum _____	•Grenadin Mix _____	Flax _____	Lantana _____	Papaver _____	•Stone Crop _____
•Gold Dust _____	Caryopteris _____	•Blue _____	Lavatera _____	Pardancanda _____	Seed Geraniums _____
•Perennial _____	Catananche _____	Fragaria _____	Lavender _____	Pennisetum _____	Sempervivum _____
Amaranthus _____	Celosia _____	Fuchsia _____	•Munstead _____	Penstemon _____	•Hens & Chicks _____
Amsonia _____	Centranthus _____	Gaillardia _____	Leucanthemum _____	Pentas _____	Setcreasea _____
Anemone _____	•Hardy Cornflower _____	Gallium _____	•Alaska _____	Peony _____	Sidalcea _____
Angelonia _____	Cerastium _____	Gaultheria _____	•Snowcap _____	Perovskia _____	Silene _____
Ageratum _____	Clematis _____	Gaura _____	•Silver Princess _____	Petunias _____	Silver Mound _____
Arabis _____	Cleome _____	Gazania _____	Liatris _____	•Mini _____	Snapdragons _____
Argyranthemum _____	Coleus _____	Geraniums _____	Licorice Vine _____	•Fantasy _____	•Rocket _____
Arenaria _____	•Kong Coleus _____	Ivy geranium _____	Lewisia _____	•Wave _____	•Midsize _____
Armeria _____	•Scented _____	•Zonal _____	Ligularia _____	Phlox _____	•Dwarf _____
Artemisia _____	Columbine _____	•Scented _____	Linum _____	Physostegia _____	Spikes _____
Aquilegia _____	Coreopsis _____	Seed _____	Lisianthus _____	Physalis _____	Springer _____
Astilbe _____	Cortaderia _____	Goldilocks _____	Lobelia _____	•Chinese Lantern _____	Straw Flower _____
Asters _____	Cosmos _____	Guem _____	•Bedding Lobelia _____	Piggy Back Plant _____	Streptocarpella _____
Asclepias _____	Cymbopogon _____	Gypsophila _____	•Perennial _____	Platycodon _____	Stachys _____
Asparagus Fern _____	Dahlia _____	•Repens White _____	Lobulara _____	•Balloon Flower _____	Streptocarpella _____
Aubrieta _____	Daisy _____	Helenium _____	Loncera _____	Plectranthus _____	Stroblanthos _____
Aureola _____	•Dazzler _____	Helichrysum _____	Lotus Vine _____	Plumbago _____	Sunpatiens _____
Bacopa _____	•Felicia _____	Heliopsis _____	Lupine _____	Polemonium _____	Sweet Potato Vine _____
Baptisia _____	•Gerbera _____	Heliotrope _____	Lupinus _____	•Jacobs Ladder _____	Sweet William _____
Begonias _____	Day Lily _____	Helleborus _____	Lychnis _____	Polygonum _____	Tanacetum _____
•Reiger _____	Dazzler _____	Hemerocallis _____	•Maltese Cross _____	Portulaca _____	Thymus _____
•Tuberous _____	Dianthus _____	Heuchera _____	Lysimachia _____	Potentilla _____	Tiarella _____
•Angel Wing _____	Diasca _____	Hibiscus _____	Malva _____	Primula _____	Torenia _____
•Dragon Wing _____	Dichondra _____	•Southern Bell Mix _____	Mandevilla _____	Prunella _____	Tradescantia _____
Bellis _____	Delosperma _____	Hollyhocks _____	Marigolds _____	Pseduderanthemum _____	Tricyrtis _____
Bidens _____	Delphinium _____	Hosta _____	•Inca _____	Pulmonaria _____	Trolius _____
Bracteantha _____	Dicentra _____	Houttuynia _____	•Janie _____	Purslane _____	Variiegata _____
Browallia _____	Dichondra _____	Humulus _____	Mexican Heather _____	Pyrethrum _____	Verbascum _____
Brunnera _____	Digitalis _____	Hydrangea _____	Million Bells _____	•Robinson Daisy _____	Verbena _____
Buddleia _____	Dipladenia _____	Hypericum _____	Miscanthus _____	Roses _____	•Trailing _____
Calamagrostis _____	Dorotheanthus _____	•Rose of Sharon _____	Monarda _____	Rudbeckia _____	Veronica _____
Calendula _____	Dusty Miller _____	Hypoestes _____	Muehlenbeckia _____	•Black Eyed Susan _____	Vinca Vine _____
Calibrachoa _____	Echinacea _____	Iberis _____	Mums _____	•Black Eyed Daisy _____	Violas _____
•Million Bells _____	Echinops _____	Ibosa _____	•Flowering _____	Sagina _____	Zauschneria _____
•Minifamous _____	Edelweiss Alpina _____	Imaptiens _____	Myosotis _____	Salvia _____	Zinnias _____
•Super Bells _____	Erianthus _____	•Sun Loving _____	Nasturtium _____	•Perennial _____	Zonal Geraniums _____
•NOA _____	Eryngium Planum _____	•New Guinea _____	Nemesia _____	•Victoria Blue _____	
Campanula _____			Nettles _____		

STOCK EDIBLE VARIETIES SIGN INDEX

Arugula _____	•Pickling _____	•White _____	•Plants _____	Carmen _____	Mucho Nacho _____
Asparagus Crowns _____	•Bush _____	•Sweet _____	•Ever Bearing _____	Cayenne Long Slim _____	Rainbow _____
Beans _____	•English _____	•Spanish _____	•June Bearing _____	Cayenne Long Thick _____	Red Beauty _____
•Green _____	Collards _____	Peas _____	Squash _____	Cherry Bomb _____	Red Knight _____
•Pole _____	Eggplant _____	Pickles _____	•Acorn _____	Chile _____	Serrano Del Sol _____
•Yellow _____	Grapes _____	Potatoes _____	•Summer _____	Chocolate _____	Sweet Banana _____
Beets _____	Green Beans _____	•Red _____	•Winter _____	Early Sunsatton _____	Sweet Heat _____
Blackberries _____	Gourds _____	•Seed _____	•Yellow _____	Garden Salsa _____	Tiburon _____
Blueberries _____	Herbs _____	•Sets _____	Swiss Chard _____	Golden Summer _____	TOMATOES _____
Broccoli _____	Kale _____	•White _____	Tomatillos _____	Habenero _____	Amish Paste _____
Brussel Sprouts _____	•Flowering _____	•Red Pontiac _____	Watermelon _____	Holy Mole _____	Applause _____
Cabbage _____	Kohlrabi _____	•Yukon Gold _____	Zucchini _____	Hot _____	Better Bush _____
•Flowering _____	Leeks _____	•Kennebec White _____	•Bush _____	Hungarian _____	Better Boy _____
Cantaloupe _____	Lettuce _____	Pumpkins _____	PEPPERS _____	Jalapeno _____	Big Beef _____
Cauliflower _____	•Mesculin _____	•Prize Winning _____	Apache _____	King Arthur _____	Big Boy Burpee _____
Celery _____	Musk Melon _____	Radicchio _____	Banana _____	Lilac _____	Brandywine _____
Corn _____	Okra _____	Raspberries _____	Bell _____	Long Thin _____	Beef Steak _____
•Sweet _____	Onion _____	Shallots _____	Better Bush _____	Mariachi _____	Carolina Gold _____
•Yellow _____	•Sets _____	Spinach _____	Big Bertha _____		Caspian Pink _____
•Bicolor _____	•Red _____	Strawberries _____	California Wonder _____		Celebrity _____
Cucumber _____	•Green _____				

Cherry Falls _____
Delicious _____
Early Girl _____
First Lady _____
German _____
Golden Jubilee _____
Goliath _____
Grape _____
Health Kick _____
Heirloom _____
Hillbilly _____
Husky Red _____
Jet Star Hybrid _____
Lemon Boy _____
Marglobe _____
Mortgage Lifter _____
Mountain Fresh _____

Mr. Strikey _____
Patio _____
Pineapple _____
Red Cherry _____
Roma _____
Rutgers _____
San Marzano _____
Sweetheart _____
Sunbrite _____
Sunsugar _____
Super Sweet 100 _____
Superonic _____
Tom's _____
Viva Italia _____
Yellow _____
Yellow Pear _____

HERBS _____
Basil _____
•Cinnamon _____
•Genovese _____
•Lemon _____
•Red Rubin _____
Borage _____
Catnip _____
Chamomile _____
Chervil _____
Chives _____
Cilantro _____
Curry _____
Dill _____
Endive _____
•Curly _____
Fennel _____

Garlic _____
Lemon Balm _____
Lovage _____
Marjoram (Sweet) _____
Mint _____
•Pennyroyal _____
•Chocolate _____
•Peppermint _____
•Spearment _____
•Orange _____
Oregano _____
•Italian _____
•Greek _____
Parsley _____
•Curly _____
•Italian _____
Rosemary _____

Rue _____
Sage _____
Savory _____
Stevia _____
Tarragon _____
Thyme _____
•Variegated Lemon _____
•Golden Lemon _____
•Silver _____
•Wooly _____
•Creeping _____
•English _____
Verbena _____
•Lemon _____

STOCK GARDEN CENTER SIGN INDEX

Annuals _____
Apples _____
Begonias _____
Butterfly Garden _____
Cabbage _____
Clematis _____
Cucumbers _____

Geraniums _____
Ground Cover _____
Hanging Baskets _____
Herbs _____
Hosta _____
Hot Peppers _____
Hummingbird Garden _____

Impatiens _____
Mulch _____
New Guinea Impatiens _____
Ornamental Grasses _____
Pansies _____
Peat Moss _____
Perennials _____

Petunias _____
Potting Mix _____
Pro Grower Mix _____
Roses _____
Shade-Loving _____
Sun Coleus _____
Sun-Loving _____

Tomatoes _____
Top Soil _____
Vegetables _____
Water Garden _____

STOCK FARM & ROADSIDE MARKET SIGN INDEX

Cantaloupe _____
Corn Maze _____
Firewood _____
Fresh Apples _____

Fresh Blueberries _____
Fresh Cut Flowers _____
Fresh Produce _____
Hardy Mums _____

Hayrides _____
Home Grown _____
Locally Grown _____
Mothers Day Flowers _____

Organic _____
Peaches _____
Pumpkins _____
Strawberries _____

Sweet Corn _____
Sweet Watermelons _____
Vine-Ripened Melons _____
Vine Ripened Tomatoes _____

STOCK BUSINESS STOCK SIGN INDEX

Cashier _____
Clearance _____

Open/Close Revers-
ible _____

Restrooms _____
Sale _____

Thank You, Come
Again _____

Welcome _____

STOCK HOLIDAY & BUY LOCAL SIGN INDEX

Christmas Trees For Sale

Christmas Wreaths _____
Fresh Greenery _____

Poinsettias For Sale _____
Valentines Day Flowers _____

Buy Local With
Shops _____

Buy Local Red, White &
Blue _____

CUSTOM ARTWORK REQUIREMENTS

For custom orders please note that if artwork is not supplied ready-to-print in the acceptable formats, design fees may apply.

*For "Ready To Print"

- High-Resolution (300 ppi or higher) jpeg or PDF files
- Made 100% to size of expected print
- Made with bleeds if applicable

For Photos

- High-Resolution (300 ppi or higher) jpeg or tiff files
- Close to print size cannot increase 1" image to 12"

For Logos and Line-art

Made to size ai, eps, or PDF files

For Text

Any word document or e-mail, but design fees may apply for set-up.



SIGN HANGER & CONVERSION KITS

POST SIGN HANGER

Our Post Sign Hangers offer an easy and attractive way to hang signage at your business! Designed to fit on all standard size greenhouse posts. Choose from three different mounting hardware size kits or purchase the hanger separately.



CATALOG #	DESCRIPTION	EACH
93-992000	Post Sign Hanger - hanger only	\$2.35
93-992113	Post Sign Hanger Kit with 1-3/8" mounting hardware	\$3.25
93-992115	Post Sign Hanger Kit with 1-5/8" mounting hardware	\$3.25
93-992120	Post Sign Hanger Kit with 2" mounting hardware	\$3.25

SIGN CONVERSION KITS

Our coroplast sign conversion kit converts your sign from stake display only to a hanging option. Pair this option with our convenient Post Sign Hanger to easily direct and inform your customers at eye level.

CATALOG #	DESCRIPTION	EACH	ORDER QTY
93-992210	Sign Conversion Kit (for hanging signs) includes 2 grommets & 2 clip rings	\$1.00	

Select this option for only \$1 more at time of sign order!

YARD SIGN HOLDERS



10" Wide
29.5" Tall

LARGE YARD SIGN HOLDER

Heavy duty 9 gauge wire holds larger coroplast signs firmly in place for roadside marketing impact. Your sign firmly inserts on top of 20" leg posts at ideal drive sight height.

CATALOG #	ITEM	EACH	25 +	ORDER QTY
67-301000	Yard Sign Holder	\$1.90	\$1.75	



17.5" Tall
6" Wide

TABLE TOP SIGN HOLDER

Designed with self-supporting base to evenly display coroplast signs at the perfect height over bench crops.

CATALOG #	ITEM	EACH	ORDER QTY
67-301-001	Table Top Sign Holder	\$1.45	

STANDARD SIGN STAKE

Perfect for our 8"x24" signs!

CATALOG #	ITEM	EACH	25 +	ORDER QTY
67-300519	19" Standard Sign Stake	\$0.95	\$0.85	
67-272490	24" Standard Sign Stake	\$1.10	NA	
67-273690	32" Standard Sign Stake	\$1.30	NA	



WORKMAN PALLET SIGN HOLDER

CATALOG #	DESCRIPTION	SIZE	PK	PRICE	ORDER QTY
67-550501	Workman Pallet Sign Holder (extendable, black)	44"-70"	2/cs	CALL	



PREMIUM FLOOR STAND

CATALOG #	DESCRIPTION	SIZE	EACH PRICE	ORDER QTY
67-550201	Premium Floor Stand (black)	56.5"x22.5"x15.5"	CALL	



SIGN GRIPPER

CATALOG #	DESCRIPTION	SIZE	EACH PRICE	ORDER QTY
67-555000	Plastic Sign Gripper (clear)	3"x1 5/8"	\$1.00	

RAINBOW SIGNS

Catalog #	Description	Pack	Each
67-269900	5" x 7" White Card	1	\$0.46
67-269930	5" x 7" Yellow Card	1	\$0.46
67-269920	5" x 7" Orange Card	1	\$0.46
67-269950	5" x 7" Blue Card	1	\$0.46
67-269940	5" x 7" Green Card	1	\$0.46
67-301001	Table Top Sign Holder	n/a	\$1.45

Rainbow signs are perfect for greenhouses and garden centers and are available in four eye-catching colors that are great for color coding items by prices or descriptions. Use with sign stakes for nursery beds and displays. Or try with our new table top sign holder on benches!



TWO TIER FLOOR STAND

CATALOG #	DESCRIPTION	SIZE	EACH PRICE	ORDER QTY
67-550301	Two Tier Floor Stand (black)	58"x22.5"x15.5"	CALL	



DOUBLE FACED SIDEWALK SIGN

CATALOG #	DESCRIPTION	SIZE	EACH PRICE	ORDER QTY
67-550101	Double Faced Sidewalk Sign (A-Frame, black)	40"x22"x28"	CALL	



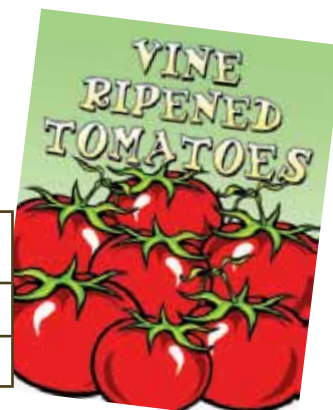
**DOUBLE FACED SIDEWALK SIGN DISPLAY
+ (TWO) 22" X 28" ONE-SIDED SIGNS**

ONLY \$120.78

COROPLAST SIGNS



DESCRIPTION	SIZE	PRICE EACH
Coroplast Sign (One Sided)	22"x28"	\$31.50
Coroplast Sign (Two Sided)	22"x28"	\$39.95



**22" x 28" Coroplast Signs fit the Double Faced Sidewalk Sign,
Two Tier Floor Stand, and the Premium Floor Stand!**

METAL SIGN HOLDERS

Durable galvanized steel sign holders are tough and ready for years of use. Ideal for identifying perennials, trees, shrubs and much more. Can be placed in pots, stuck into the soil or supported by the universal stake base. The 10" x 10" heavy gauge universal stake base fits all sizes of metal signs.



Stake Base

Catalog #	Description	Pk	Each Price	Case Price
67-000518	5" x 4" x 18" Metal Sign Holder	25	\$2.25	\$50.75
67-000530	5" x 4" x 30" Metal Sign Holder	25	\$3.25	\$73.15
67-001018	7" x 5" x 18" Metal Sign Holder	25	\$2.75	\$61.90
67-001030	7" x 5" x 30" Metal Sign Holder	25	\$3.50	\$78.75
67-001518	11" x 7" x 18" Metal Sign Holder	25	\$3.00	\$67.50
67-001530	11" x 7" x 30" Metal Sign Holder	25	\$3.75	\$84.40
67-109099	Stake Base	25	\$4.50	\$102.50

WIRE CARD HOLDER

Perfect for holding plant label tags, small placards, or insect detection cards in pots or on the bench for quick and easy recognition.

Catalog #	Description	Pk	Each
068-402-598	28" L Wire Card Holder	1	\$0.69



MARKING DEVICES

For your convenience, we have all the marking supplies you need including black grease pencils, black sharpie markers, liquid chalk pens, long-lasting marking pens, and paint pens in five color choices (white, yellow, orange, red, green).

Catalog #	Description	Pack	Each
68-509900	Paint Pen - Weatherproof (White, Yellow, Orange, Red, Green)	1	\$3.25
68-599901	Black Sharpie Marker	1	\$1.20
68-549992	Black Grease Pencil (Season long - UV Fade Resistant)	1	\$1.20
68-519900	White Liquid Chalk Pen	3	\$19.00
68-519999	Liquid Chalk Pen (Multi-color)	9	\$55.00
66-100108	Black Long-lasting Marking Pens	1	\$1.95



Black Sharpie Marker

Paint Pens -
Weatherproof

Black
Long-lasting
Marking Pen

Black Grease Pencil

Liquid
Chalk Pens

BLANK & PRINTED SIGNS

Fade resistant, completely waterproof, mat finish vinyl signs.

Catalog #	Item #	Description	Pk	Price
67-151000	PC54	5" x 4" Blank Signs	25	\$4.00
67-153000	PC75	7" x 5" Blank Signs	25	\$6.25
67-157000	PC117	11" x 7" Blank Signs	25	\$11.25
67-151100	VSCH54	5" x 4" Sale Signs	25	\$4.75
67-153100	VSCH75	7" x 5" Sale Signs	25	\$8.00
67-157100	VSCH117	11" x 7" Sale Signs	25	\$14.25
67-151200	PLCD54	5" x 4" Plant Info Signs	25	\$4.75
67-153200	PLCD75	7" x 5" Plant Info Signs	25	\$8.00
67-157200	PLCD117	11" x 7" Plant Info Signs	25	\$14.25



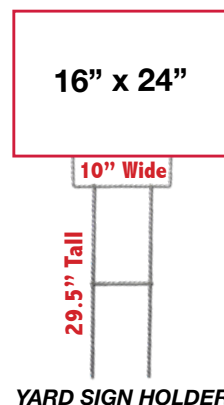
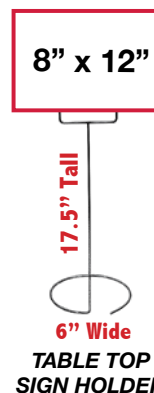
BLANK SIGN MATERIAL

The 4" x 12" and 8" x 12" fit perfectly on our new **Table Top Sign Holder (67-301001, \$1.45/ea)**. The **Yard Sign Holder (67-301000, \$1.90)** is great for the 8" x 24" and 16" x 24".

CREATE YOUR OWN SIGNS!

BLANK CORRUGATED SIGN MATERIAL

Catalog #	Size	Each
70-820412	4" x 12"	\$0.22
70-820812	8" x 12"	\$0.44
70-820824	8" x 24"	\$0.88
70-821624	16" x 24"	\$1.75



GC-FLEX PRINTER

This stand-alone Garden Center Printer enables weights and measures compliance. You can print waterproof and sun-resistant pot tags, wrap arounds and plug tray labels without a computer! Prints 5000 pot tags/hour. Keypad for variable info input. 3 Label/Tag formats included. Additional formats available. 1 Year phone support. 3 Year warranty.



Catalog #	Item #	Description	Pk	Price
non-stock	GC-FLEX	Garden Center Printer	1	\$949.00
68-804000	T1X10GC	Wrap Tag 1" x 10" (White)	1000/roll	\$52.95
68-804009	T1X10GC	Wrap Tag 1" x 10" (Yellow)	1000/roll	\$71.70
68-814100	L200100V	Stick-On Label 2" x 1" (White)	1380/roll	\$29.05
68-824200	PT4UP	Pot Tag 3/4" x 5" (White)	2000/roll	\$70.95
68-834301	R330WR	Ribbon Replacement (Black) 3.3" x 244"	each	\$11.25

WOOD POT AND GARDEN LABELS

Wood labels offer an excellent writing surface when using pen, pencil or marker. Treated for extended life.



Catalog #	Description	Pk	Pack Price
68-160890	6 5/8" Labels	1000	\$43.00
68-161090	8" Labels	500	\$36.08
68-161490	10" Labels	500	\$44.25
68-201690	12", 1 1/8" W	250	\$48.17

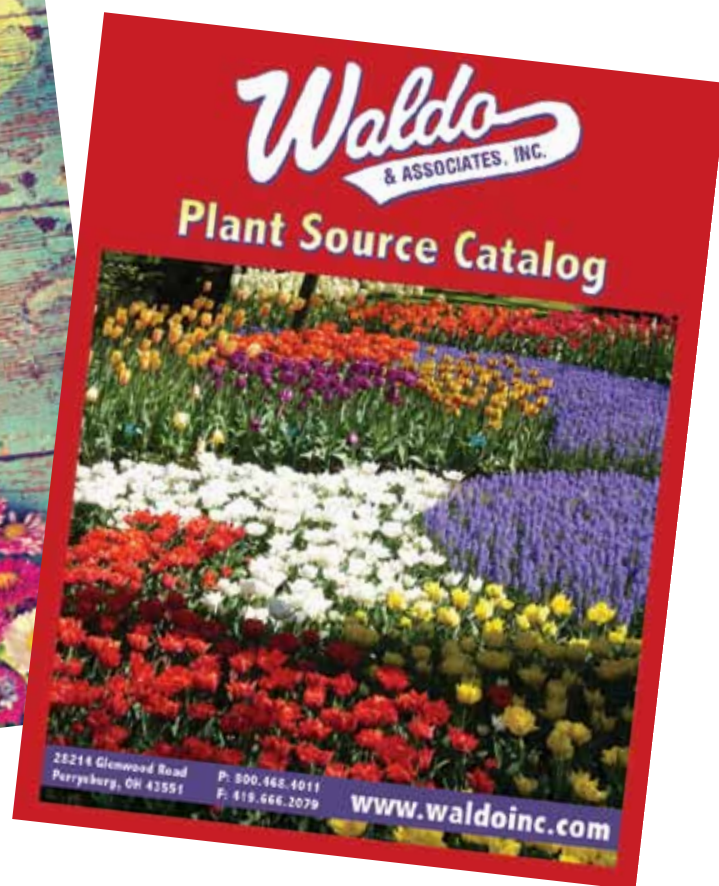
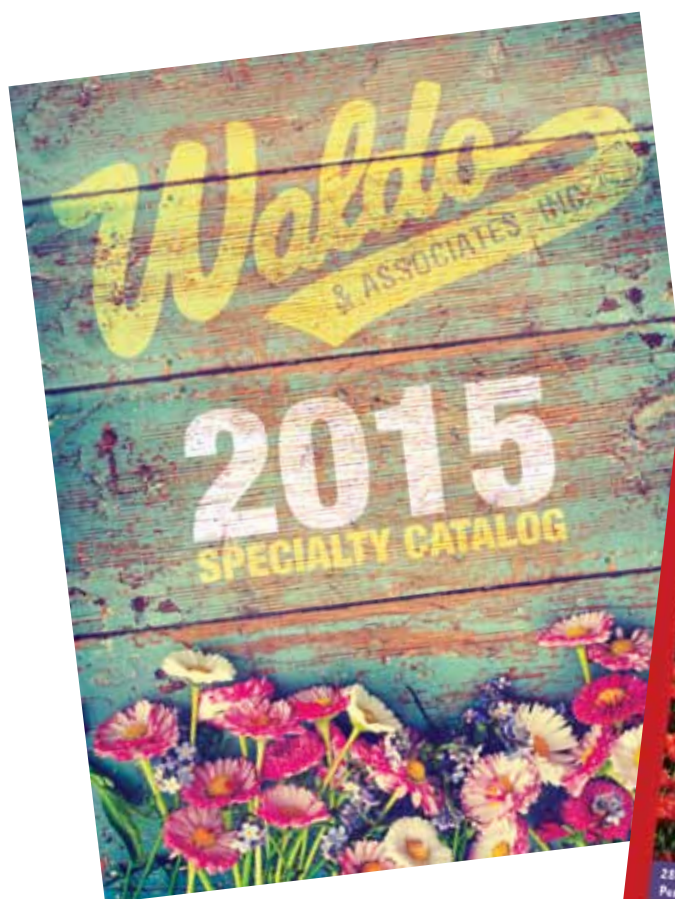
PYLON PLASTIC LABELS



Catalog #	Item #	Description	Pack	Pack Price
68-010400	L-4WH	4" Labels	1000	\$38.55
68-010600	L-5WH	5" Labels	1000	\$45.05
68-010800	L-6WH	6" Labels	1000	\$55.25

HAVE YOU HEARD?

Every year during March and April Waldo & Associates hosts Plant Sale Saturdays! From 8 AM to Noon you'll find a great selection of plants at fantastic prices!



OTHER AVAILABLE WALDO PUBLICATIONS
GROWER SUPPLY CATALOG
PLANT SOURCE CATALOG
WINTER, SPRING,
& SUMMER SALES FLYERS

**CALL US AT 800.468.4011 AND PUT
YOUR COMPANY ON OUR MAILING LIST TODAY!**

VISIT WWW.WALDOINC.COM FOR MORE INFORMATION

What One Bale or Bag Fills

Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag	Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag	Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag	Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag
Standard Round Pot			Square Pots			Decorative Pots			Ornamental Plug Trays		
2.5"	1550	620	2.5"	1313	525	6"	125	50	128 cell	65	26
3"	900	360	3"	875	350	8"	58	23	288 cell	98	39
4"	363	145	3.5"	525	210	10"	30	12	406 cell	110	44
5"	195	78	4"	325	130	12"	16	6.5	512 cell	113	45
6"	105	42	4.5"	275	110	14"	10	4	Propagation Trays		
8"	50	20	5.5" JS	110	44	Bowls			Std Flat	50	20
10"	24	5.4	Mum Pans			10"	53	21	36 cell	45	18
Azalea Pots			8"x5"	70	28	12"	33	13	50 cell	63	25
4"	490	196	9"x6.5"	45	18	14"	23	9	72 cell	100	40
5"	245	98	Bulb Pans			Squares			84 cell	125	50
5.5"	155	62	6"	163	65	8"	40	16	98 cell	80	32
6"	133	53	8"	73	29	12"	15	6	Speeding Trays		
6.5"	100	40	10"	38	15	15"	8	3	128 cell	40	16
7"	83	33	Perennial & Nursery Containers			Ovals			200 cell	38	15
8"	55	22	Quart	240	96	12"	58	23	288 cell	43	17
10"	28	11	0.5 Gallon	113	45	16"	28	11	338D cell	50	20
Geranium Pot			1 Gallon	65	26	20"	23	9	392 cell	43	17
4"	425	170	2 Gallon	30	12	Hanging Baskets without Saucers			True 10"x20" Inserts		
4.25"	350	140	3 Gallon	23	9	6"	150	60	804	43	17
4.5"	313	125	C-100	240	96	8"	70	28	806	50	20
<p>This chart is a general guide.</p> <p>The measurements are approximate.</p> <p>They will vary depending upon the pot manufacture and the grower's handling of the product.</p>			C-300	65	26	10"	38	15	1203	50	21
			C-400	50	20	12"	23	9	1204	53	21
			C-600	30	12	Hanging Baskets without external Saucers			1801	40	16
			C-900	25	10	6"	138	55	Slim Jim 8.5"x20" Inserts		
			C-1200	16	6.5	8"	65	26	606	38	15
						10"	35	14	806JS	40	16
						12"	21	8.5	1204JS	43	17

FERTILIZER CALCULATION

Pounds (oz) of fertilizer per 100 gallons of solution

Desired ppm N	20% N	18% N	15% N
400	1.67 (27)	1.86 (30)	2.22 (35)
300	1.25 (20)	1.39 (22)	1.67 (27)
250	1.04 (17)	1.15 (18)	1.39 (22)
200	0.83 (13)	0.92 (15)	1.11 (18)
150	0.63 (10)	0.70 (11)	0.83 (13)
100	0.42 (6.7)	0.47 (7.4)	0.56 (9.0)

DRENCH RATES FOR SOILLESS MEDIA

Pounds (oz) of fertilizer per 100 gallons of solution

Drench Definitions	Milliliters of Solution/ Liter of Soil Volume	Percent of soil Saturation (v/v)
Sprench, very light drench, heavy spray	25	2.5
Light drench	50	5.0
Moderate drench- Standard	100	10.0
Heavy drench	150	15.0
Very heavy drench, full saturation	200	20.0

SPRAY COVERAGE

Spray Definitions	Acre	100 sq ft	10 sq meter
Very light, surface spray (glistening)	50 gallons	0.125 gallons	0.5 gallons
Light spray	100	0.25	1.0
Moderate spray - Standard	200	0.50	2.0
Heavy spray, full plant coverage	300	0.75	3.0
Very heavy spray, full coverage, dripping	400	1.00	4.0



CUSTOMER ORDER LIST

Date: _____

Order Reference #: _____



Phone: (800) 468-4011

Fax: (419) 666-2079



Phone: (502) 582-3897

Fax: (502) 582-3898

[illegible]



Waldo
& ASSOCIATES, INC.

VISIT

Visit to **www.waldoinc.com** to view the latest sales flyers, the current catalog online and early order discount programs. Learn more about the products we carry and upcoming events.

SIGN UP

Sign up for "Waldo Blasts" to receive information about product specials, booking reminders and clearance item opportunities by sending your email address to **sales@waldoinc.com** and asked to be included on the e-mail blast distribution list.

ORDER

Order professional signs and banners at **www.waldoinc.com** for your beautiful garden or farm and load side market! Custom signs and banners are also available.

TERMS AND CONDITIONS

PRICES:

All prices are F.O.B. Perrysburg or F.O.B. factory. All orders will be invoiced at the prevailing price at time of shipment. Catalog prices are current at PRESS TIME ONLY and are subject to change without notice.

QUOTATIONS:

We welcome the opportunity to do business with your company. Upon your request we will furnish a price quote which will be valid for 30 days unless otherwise stipulated.

METHODS OF PAYMENT:

Cash, check, Check-by-fax, MasterCard, Visa, Discover, and Waldo & Associates Inc. charge (with approved credit). Payments made after a finalized sale that require (or have requested) a change in terms will be charged a 3% convenience fee.

TERMS FOR ESTABLISHED WALDO & ASSOCIATES, INC.

CHARGE ACCOUNTS:

Terms are net 30 days unless otherwise specified. Finance charges will be added to any invoice not paid within the terms printed on invoice. Invoice will contain discount amount, date due, and date finance charges will be added. Finance charges will be 2% per month (24% annually). All payments must be in our office before the last day of the month or finance charges will be added. Postmarks will not be considered. There will be a \$15.00 fee for NSF checks that have to be re-deposited. There will be an additional \$35.00 fee for NSF checks that are denied for payment the second time.

NEW CUSTOMERS:

If you wish to establish credit, complete our credit application and mail or fax to our main office. Upon approval, you will be notified in writing of your credit limit. However, until credit has been established, orders must be pre-paid by cash, check, check-by-fax, Visa, MasterCard or Discover.

DELIVERIES:

- 1. Regular Delivery Area (Our Truck):** Deliveries within our general trading area are made according to our truck delivery schedule. If you are not familiar with our schedule, please check with your sales representative or phone our main office.
Drop Charge: All orders are subject to a "drop charge" based on the product and the dollar amount of the order being delivered. For current rates, please talk to your sales representative or phone our main office.
- 2. Out of Regular Delivery Area:** Motor freight (common carrier) and UPS are available upon request or for areas not in our normal delivery area. Motor freight charges can be estimated prior to shipment at customer request. Waldo & Associates is not responsible for any charges above the estimate as many accessorial charges are out of our control. Goods once shipped become the customer's property. Any damage or loss must be noted on the carrier's bill of lading at the time of delivery. Any claim for concealed damage must be made within 24 hours of receipt. A handling fee is added to all UPS and motor freight shipments. Terms on motor freight invoices are Net 10.

WILL CALLS (Customer Pick Up):

Customers may pick up merchandise directly from our warehouse. We encourage you to call in your order ahead of time to check availability. Note that fabrication items may require some lead time for preparation.

BACKORDERS:

Occasionally, ordered items may be temporarily out of stock at time of shipment. Every effort will be made to notify the customer of the backorder and a substitution may be offered at that time. If no substitution is adequate, we will automatically backorder the item unless otherwise directed by the customer. Backorders are subject to freight charges and/or drop charges, but are not subject to minimum order charges.

RETURNS:

- No returns are accepted beyond 90 days of date of purchase.
- All claims for shortages or other shipping errors must be reported to our Customer Service Department at (800) 468-4011 within 5 business days of receipt.
- Defective products are subject to manufacturer or vendor policies.
- Customer must provide proof of purchase.
- Special order, non-stock and cut-to-order items are not returnable.
- Waldo employees are not permitted to receive merchandise without authorization from our office.
- All claims regarding billing errors (pricing, terms, etc.) must be reported to our accounts receivable department at (800) 468-4011 within 20 days of invoice receipt.
- In order to avoid lengthy delays, when reporting items for return, credit, or adjustment, please provide invoice number or sales order number.
- Returns are subject to a 10% restocking fee. The only exceptions will be for shortages, damages, defects or shipping errors.

IMPORTANT NOTICE to PURCHASER:

The following is made in lieu of all warranties, expressed or implied. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of, or the inability to use the product. Before using, user shall determine suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed except by an agreement signed by offices of seller and manufacturer.

LIMITATION of SELLERS LIABILITY:

Sellers liability (and buyers exclusive remedy) shall be limited to replacement or repair, at sellers option, of any defective goods or any part thereof or performance of any services. In no event shall seller be liable for special incidental or consequential damages or for damages in the nature of penalties. If the other remedies provided hereunder fail of their essential purpose, buyer's sole and exclusive remedy shall be, upon return of goods, the refund of whatever portion of the purchase price has been paid. Buyer shall pay all transportation charges to return goods to seller for repair, replacement, or, if required, return of the purchase price. Seller shall make no allowance for repair or alterations made by buyer, unless made with sellers prior written consent.

LIMITATION of ACTIONS:

Any action for any loss or damage with respect to the goods or services covered hereunder must be commenced by buyer within one year after buyers cause of action has occurred.

CREDIT TERMS?

PLEASE CONTACT US TO RECEIVE A CREDIT APPLICATION
FOR WALDO & ASSOCIATE OR PREMIUM HORTICULTURAL SUPPLY

BUSINESS HOURS:

Regular Hours:

Mon - Fri 8 a.m. to 5 p.m.

Plant Sale Saturdays:

Sat 8 a.m. to 12 p.m.

(Perrysburg Only)

June - August:

8 a.m. to 3:30 p.m.

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