

Green Valley Supply LLC

2026 Seeds Supplies Equipment

7440 Clymer Center Road, Panama, NY 14767 • Ph: 716-355-6287



HOURS:

Mon-Tues-Weds - Fri. 7:00 AM - 4:30 PM

Sat 7:00 AM - 11:00 AM

Open Thursdays April - May - June
or by appointment only

Oct-Nov-Dec-Jan-Feb-March
Hours 8:00 to 4:00, Closed Saturday

Also closed on: Religious Holidays -
Memorial Day - July 4 - Labor Day



Welcome

We once again want to welcome you to the 2026 catalog consisting of seeds - supplies.

As always we appreciate your orders early if possible. We want to take this opportunity to thank each and every one of you our customers for your business over the years. Also for the patience you've had with our mistakes and short comings.

*From All of Us at Green Valley Supply
Chester & Mark Brinker
Reuben, Kathy, & Ellen Miller*

Terms

For approved accounts 30 days net. A finance charge of 2% per month (24% per annum) will be charged on past due accounts.

Notice: 10% restocking fee on returned items.

Early Order Discounts

• Please order early, it makes it so much easier for us.

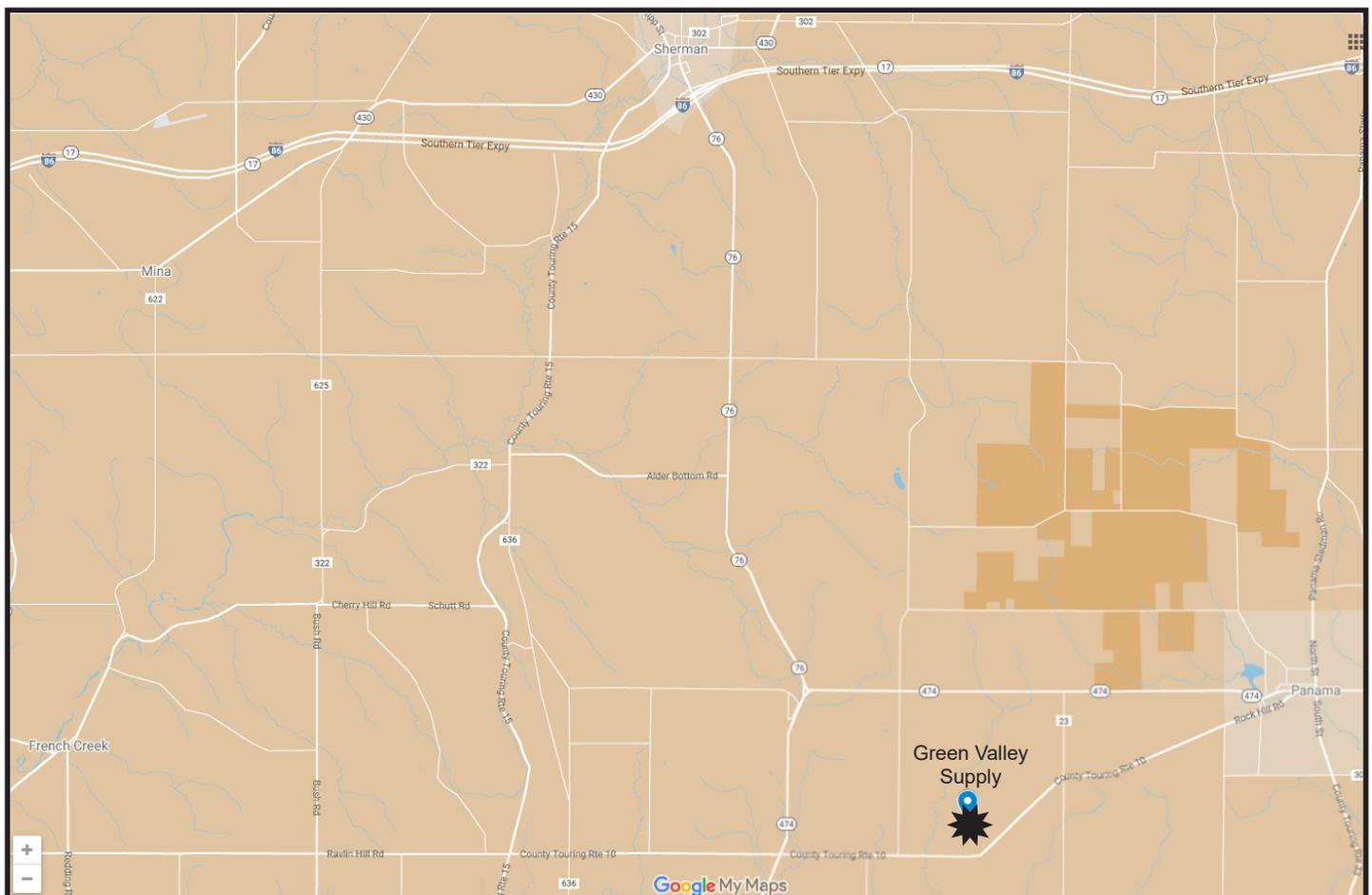
All orders placed and paid in December 2025 will receive an 8% discount if paid by Dec. 31, 2025. Orders placed and paid in January 2026 will receive a 6% discount if paid by January 31, 2026.

- Prices subject to change without notice.
- We do not stock A size seed potatoes.
- **3% inbound freight will be added to all orders.**

Shipping Call for Delivery



MOTOR FREIGHT



2026 CATALOG INDEX

8% Discount on All Items Ordered and Paid in December 2025

6% Discount on All Items Ordered and Paid in January 2026

**Excludes potatoes, onions, and strawberry plants.*

No Returns on Special Order Items

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**Prices Subject To Change Without Notice.
No Returns on Seeds.**



Blue Lake Bush Bronco Caprice Gold Mine Jade Roma II State Half Runner Strike

BEANS

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.	Per lb.
0401	Blue Lake Bush #156	52	Newer improved popular garden and processing variety.					2.00	3.20	5.10	3.40	
0412	Bronco	58	High yielding for market shipping					4.65	7.40	11.80	7.85	
0402	Caprice	56	Straight smooth, medium dark green pods. Excellent commercial variety.					3.10	5.15	9.40	8.55	
0405	Gold Mine	53	A fancy yellow bean.					4.95	7.90	12.60	8.40	
0407	Jade	60	Long straight dark green pods.					2.50	3.95	6.60	4.40	
0404	Roma II	58	Excellent flavored Romano type for home garden					2.00	3.20	5.05	3.35	
0406	State Half Runner	60	Slightly longer and larger white half runner.					2.00	2.80	4.70	3.15	
0403	Strike	55	A high yielding commercial variety.					1.75	2.80	4.45	2.95	

LIMA BEANS

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.	Per lb.
0409	Baby Lima (Henderson)	65	Home garden, good for canning and freezing.					2.20	3.55	5.65	3.75	
0408	Fordhook 242	75	Home garden and market					2.45	3.90	6.25	4.20	



Henderson Baby



Fordhook 242



Cylindra



Detroit Dark Red



Red Ace

BEETS

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
0411	Cylindra	60	Unique long shaped beet, excellent for slicing. Up to 8" long.	1.00	2.50	3.20	3.95	6.00	8.00	10.65	
0410	Detroit Dark Red	58	A very popular, tender, dark red beet used for market or garden.	1.00	2.10	2.80	3.05	4.85	6.45	8.85	
0425	Red Ace	53	Excellent for bunching. Early, sweet, red. Resists zoning.	2.00	8.95	11.50	14.20	21.55	28.75	38.30	

BROCCOLI

#	Variety	Days	Features	20/pk	M represents thousands
0423	Avenger	82	Mid to late season, has a large dome shaped blue-green head with short bracts	1.00	10.05 per M
0414	Diplomat	72	Dark green, heat tolerant, and quality head.	1.00	9.70 per M
0413	Imperial	80	Hybrid, tight heads with good heat tolerance.	1.00	10.05 per M
0424	Millennium	74	Large head with small, tight heads. Great for spring and fall harvest slots.	1.00	13.50 per M



Avenger



Diplomat



Imperial



Millennium

Tips.....
It's great to feed your plants at bloom set with boron and calcium.



Blue Dynasty



Bravo



Charmant



Expectation



Fast Vantage



Platinum Dynasty



Red Dynasty

CABBAGE

#	Variety	Days	Features	20/pk	M represents thousands
0419	Blue Dynasty	75	Cut this one at 3 lbs. or leave to 8 lbs. Seldom splits.	1.00	7.55 per M
0426	Bravo	85	3.6 lb uniform heads for sauerkraut	1.00	9.70 per M
0415	Charmant	65	Popular, early hybrid for home garden or market.	1.00	7.60 per M
0427	Expectation	108	Easy to grow, long-term storage cabbage. 3-5 lb head.	2.00	20.25 per M
0418	Fast Vantage	50	2 1/2 lb uniform head. Head start for the early cool season.	1.00	7.95 per M
0420	Platinum Dynasty	65	A new disease resistant early. 4 lb head.	1.00	8.25 per M
0417	Red Dynasty	72	Tall head with shorter core. Ideal for fresh market.	1.00	12.00 per M



Depurple



Flamenco



Minuteman



Snow Crown



Twister

CAULIFLOWER

#	Variety	Days	Features	20/pk	M represents thousands
0502	Depurple	67	Large purple heads. Early and main season.	7.00	95.35 per M
0422	Flamenco	71	A tall, dark green upright plant. Late season	3.00	33.45 per M
0526	Minuteman	53	Great for early season. Widely adapted.	2.00	23.80 per M
0421	Snow Crown	63	Well rounded solid white heads.	2.00	15.50 per M
0503	Twister	71	Heat and stress tolerant with large twisted leaves.	2.00	21.90 per M



Bolero



Danvers 126



Little Fingers



Scarlet Nantes



Tender Sweet

CARROTS

#	Variety	Days	Features	2 gm	1/4oz.	1/2oz.	1oz.			
0519	Bolero	75	7"-8", Medium long with uniform roots. Great for fall and winter harvest.	2.00	6.65	10.65	17.00			
0505	Danvers 126	80	A good yielder.	1.00	1.50	2.10	3.60			
0506	Little Fingers	60	A tender baby carrot.	1.00	1.60	2.25	4.55			
0504	Scarlet Nantes	70	Fine quality for market or garden.	1.00	1.15	2.00	3.50			
0507	Tender Sweet	76	Long and slender, hard to beat.	1.00	1.50	2.10	3.60			

CELERY

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.				
0508	Tall Utah	130	Excellent yield, resists bolting.	0.95	2.05	3.15	4.05				



274A Xtra Tender



Bodacious



Incredible



Jackpot



Kate



Montauk



Precious Gem



Serendipity



Silver King



Sweetness



Temptation



Vision MXR

SWEET CORN

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.	Per lb.
0517	274A Xtra Tender	74	Super sweet that has good husk protection and great taste. SH2 Bi-color.					12.35	22.45	40.80	36.70	
0518	Bodacious	72	Superior sweet flavor and holding ability. Attractive, easy to snap. Yellow. SE.					6.50	11.85	21.50	19.35	
0513	Incredible	85	Still a favorite of many for a yellow. SE					7.15	11.40	20.20	18.20	
0509	Jackpot	82	Large ears, tight husk, disease resistance. SE Bi-color.					7.30	13.25	24.10	21.70	
0527	Kate	77	Outstanding eating quality. Bicolor SH2					15.00	27.30	49.60	44.65	
0525	Montauk	79	Main season bi-color SE with excellent flavor and good yields.					12.60	22.90	41.60	37.45	
0510	Precious Gem	80	A tender tasty SE Bi-color, easy puller. Super disease resistant.					7.80	14.15	25.70	23.15	
NEW! 0519	Serendipity	82	Extended shelf life, good eating quality. SE-Sh2 Bi-Color					7.15	13.00	23.65	21.30	
0516	Silver King	82	If you want a full season white, try this. Large ear, good tip fill, excellent flavor. SE.					7.15	13.05	23.70	21.35	
0512	Sweetness	68	Good early vigor. Early with good eating quality and solid tip fill. Bicolor SE					11.65	21.20	38.50	34.65	
0515	Temptation	72	A cool soil performer, excellent flavor. SE Bi-color.					10.50	19.10	34.75	31.25	
0511	Vision MXR	75	Tender and sweet with large, attractive ears. Yellow SH2					13.75	25.05	45.50	40.95	



American Way



Fiesta



Indian Art



Little Indian



Yoder's Choice



Japanese Hulless



Ladyfinger Popcorn

INDIAN CORN

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.	Per lb.
0523	American Way	115	A very large ear variety with good color.					7.25	13.15	23.90	21.50	
0521	Fiesta	100	7"-10" ear. A very attractive mixed color ear.					4.30	7.80	14.15	12.85	
0522	Indian Art 104	105	Uniform large ears, colorful. Strong stalk.					8.00	14.50	26.35	23.95	
0520	Little Indian	100	A popular 4"-5" ornamental popcorn. Home garden and market.					7.15	12.95	23.50	21.15	

INDIAN CORN (CONT'D)								1/4 lb.	1/2 lb.	1 lb.	5 lb.
0524	Yoder's Choice	98	A local bred early season, large ear, a proven winner.					6.05	9.15	16.60	14.95

POPCORN

Per lb.

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.
0602	Japanese Hulless	105	A popular selection of white popcorn.					1.15	2.30	4.15	3.75
0601	Lady Finger		An old fashioned popcorn.					1.20	2.20	3.95	3.55



Dasher II



Eureka



Garden Sweet Burpless



Kosara



Palace King



Speedway



Supremo

CUCUMBERS

#	Variety	Days	Features	20/pk	500	1 M				
0604	Dasher II	58	High yielding market hybrid.	1.00	7.95	14.45				
0608	Eureka (Pickle)	57	Best disease resistance.	1.00	9.85	17.90				
0630	Garden Sweet Burpless	58	Great for the home gardener	1.00	3.60	6.45				
NEW! 0606	Kosara	50	Dutch long cucumber, seedless. Straight & uniform fruit.	2.00	47.20	85.80				
0603	Palace King	55	Early, slender, high yielding. Burpless	3.00	59.40	108.00				
0605	Speedway	54	An early cuke with excellent yield, color, and shape.	1.00	8.15	14.80				
0607	Supremo (Pickle)	56	Dark green with good disease tolerance.	1.00	10.95	19.95				

EGGPLANT

Per M

#	Variety	Days	Features	20/pk	500 s	1 M	5 M			
0609	Santana	80	Glossy black, large fruit.	1.25	10.10	18.30	16.60			



Santana



Lunch Lady



Swan



Autumn Wings



Galaxy of Stars



Gizmo

GOURDS

#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
0621	Lunch Lady	115	A large mix of warted gourds. Fruit sizes from 5 - 15 lb.	1.35	5.80	9.25	14.80	47.35	86.05	156.50	
0612	Swan Gourds	120	14"-18" long. "Swan's head" look.	1.00	2.25	3.50	4.70	15.05	27.30	49.60	
#	Variety	Days	Features	20/pk	500 s	1 M	5 M				
0619	Autumn Wings Small	100	A fancy pretty gourd, sells well at auctions.	2.00	23.20	44.20	42.00				
0614	Autumn Wings Medium	100	A fancy pretty gourd, sells well at auctions.	2.00	21.20	40.35	38.45				
0611	Galaxy of Stars	95	A colorful blend of star shaped gourds	5.00	53.90	97.95	93.25				
0620	Gizmo	95	A hardshelled winged gourd mix that offers beautiful multicolored fruit	6.00	77.70	148.00	140.60				

GROUND CHERRY



#	Variety	Days	Features	20/pk	250 s	500 s	1 M			
0616	Aunt Molly		Husk tomato.	1.00	2.60	4.95	9.50			

KALE

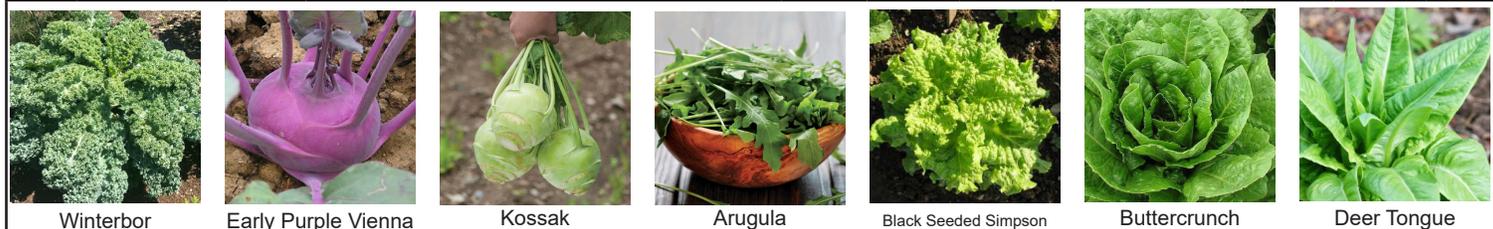
#	Variety	Days	Features	20/pk.	250 s	500 s	1 M			
0617	Winterbor	60	Great yield with curled blue-green ruffly leaves. Better cold hardiness.	1.00	4.50	8.05	14.65			

KOHLRABI

#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.		
0618	Early Purple Vienna	60	Purple colored bulb with tender white flesh.	1.00	1.30	1.75	2.35	6.30		
#	Variety	Days	Features	20/pk.	250 s	500 s	1 M	5 M		
0631	Kossak	85	Large, round, and white. Will reach 6 to 8 lbs per bulb without becoming woody.	2.00	9.30	16.85	30.70	27.90		

LEEK

#	Variety	Days	Features	20/pk.	250 s	500 s	1 M	5 M		
0632	Biker	90	Good for bunching. Long shelf life.	2.00	8.30	15.10	27.45	24.70		



Winterbor

Early Purple Vienna

Kossak

Arugula

Black Seeded Simpson

Buttercrunch

Deer Tongue



Great Lakes

Green Forest

Green Ice

Lettuce Mix

Medimo

New York 12

Red Salad Bowl

LETTUCE

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.
0711	Arugula	40	Attractive. Fast growing with rich, spicy flavor. Good for all-year production.	1.30	4.10	5.45	7.25	19.30	35.05	63.65
0704	Black-Seeded Simpson	45	Popular home garden variety. Leaf lettuce.	1.00	1.55	2.00	3.05	4.50	7.15	12.30
0706	Buttercrunch	67	Bibb lettuce, heat tolerant, crisp, tender.	0.90	1.50	1.85	2.95	4.35	7.55	13.25
0703	Deer Tongue	46	Thick, compact plant with heavy triangular straight edge green leaves. Good producer. Leaf lettuce.	1.00	4.15	5.65	7.85	16.45	26.30	42.10
0707	Great Lakes	85	Best early or late season. Head lettuce.	1.00	2.60	3.90	5.90	10.70	19.20	34.95
0701	Green Ice	45	Crisp, savoyed leaves. Slow to bolt. Leaf lettuce.	1.00	1.65	2.50	3.95	5.15	8.40	15.30
0710	Lettuce Mix		Adding color to your salad. Includes buttercrunch, green ice, red salad bowl.	1.50	2.20	4.10	5.90	8.45	15.00	27.25
0724	Medimo	70	An all-season lettuce with consistent sized head. heat tolerant.	3.00	16.40	29.80	54.20			
0709	New York 12	75	Resistant to tip burn and heat. Large, solid heads.	1.00	2.40	3.00	3.90	6.60	10.35	17.05
0725	Red Salad Bowl	45	A burgundy red leaf lettuce.	1.00	1.45	2.25	3.45	5.80	9.55	17.35
0705	Romaine	76	A tall cylindrical firm head. Crisp sweet flavor.	1.00	2.05	2.80	3.85	4.75	7.55	13.75
0728	Summertime	75	Sure heading, very slow bolting.	1.90	4.75	7.65	11.70	22.30	40.55	73.70

LETTUCE (CONT'D)

#	Variety	Days	Features	20 pk	100 s	500 s	1M	5M			
0702	Green Forest	56	Unique specialty Bibb Romaine type. Extra dark green. Tolerant to tip burn.	1.00	1.40	3.55	5.70	4.55			



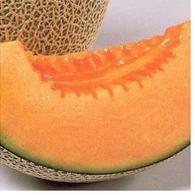
Aphrodite



Athena



Avator



Burpee Hybrid



Orange Sherbet



Shockwave



Sugar Cube

MELON

#	Variety	Days	Features	20/pk	100 s	1 M	5 M	Per M			
0715	Aphrodite	75	Bigger than Athena, very sweet.	5.40	14.50	103.00	97.80				
0716	Athena	80	A super shipper, excellent disease tolerance.	5.45	14.80	105.00	99.75				
0713	Avator	78	Very large. Dark color. Good tasting fruit. Complete netting.	3.15	9.85	80.60	76.55				
0712	Burpee Hybrid	82	Fine flavor, high yields. Flesh is thick, sweet, and juicy. Will not ship.	4.40	11.10	87.80	83.60				
0714	Goddess	68	A super early Athena type with good disease tolerance, plus good holding ability.	4.25	9.25	74.05	70.35				
0726	Orange Sherbet	80	Heavy net with bright orange flesh color and outstanding eating quality.	4.80	12.60	100.80	95.75				
0717	Shockwave	85	Medium size with excellent eating quality. Small seed cavity.	4.40	10.10	80.80	76.95				
0723	Sugar Cube	80	A high yield, personal size, extra sweet 2-4 lb. melon.	3.95	10.00	79.80	76.00				



Clemson Spineless



Candy



Expression



SV4643



Moss Curled



Hollow Crown

OKRA

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.			
0718	Clemson Spineless	55	A spineless plant with 6"-7" tapered pods.	1.00	2.30	3.00	3.95			

ONION

#	Variety	Days	Features	20/pk						
0719	Candy	102	Very large, sweet onion.	1.00	6.65 per M					
0727	Expression	105	Yellow, large globe shaped. Mild flavor.	1.00	5.55 per M					
0720	Seminis SV4643	118	Globe shaped, large, dark red onion.	1.00	6.95 per M					

PARSLEY

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.			
0721	Moss Curled	75	Deeply curled for garnishing. Commercial or garden.	1.00	2.10	2.85	3.90			

PARSNIPS

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.			
0722	Hollow Crown	105	12" x 2 3/4" roots that are well tapered and of high quality.	.85	1.00	2.25	3.80			



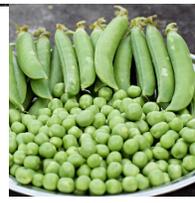
Dual



Green Arrow



Maestro



Penelope



Spring



Sugar Sprint

PEAS

Per lb.

#	Variety	Days	Features	2 grm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.
0833	Dual	71	A sweet-flavored, all-season 4" pod					4.55	7.25	11.60	6.45
0803	Green Arrow	68	Deep green peas, 4" pods.					2.15	3.45	5.55	3.35
0806	Maestro	61	Heavy yields, 4" pods, probably the best pea available.					2.10	3.35	5.30	3.20
0826	Penelope	59	Great for retail market. Easy to shell. Good eating quality					2.70	4.30	6.90	4.15
0801	Spring	57	Very early, excellent quality, 3" pods.					2.00	3.15	5.05	3.05

SNAP PEAS

Per lb.

0807	Sugar Sprint	62	Replacement for Sugar Ann (Edible Pod)					5.30	8.45	13.50	8.10
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Abay



Aristotle X3R



Declaration



Flavor Burst



Karisma



King Arthur



PS09941819



Red Knight



Revolution



Turnpike

PEPPERS - SWEET BELL

Per M

#	Variety	Days	Features	20/pk	500 s	1 M	5 M				
0815	Abay	72	Extra large yellow fruit. Excellent firmness. BLS resistant	5.00	65.60	119.30	113.35				
0808	Aristotle X3R	72	A four lobed enormous fruit, a must try. Phytophthora resistant.	5.00	60.95	110.80	105.25				
0817	Declaration	70	High yielding. Large green fruit, four lobed. BLS resistant.	2.00	35.15	63.90	58.10				
0814	Flavorburst	65	Medium size. Slightly tapered bell. Immature fruit is apple green which rapidly turns sunny, waxy yellow.	3.00	42.95	78.10	74.20				
0816	Karisma	71	Extra large fruit with medium size plant and better continuous sets.	4.00	56.10	102.00	96.90				
0812	King Arthur	68	Green to red, sets well in heat, large blocky fruit. One of the earliest.	3.00	39.60	72.05	68.45				
0829	PS09941819	73	Extra large dark green fruit. Good performance against phytophthora. (available in untreated)	5.00	66.30	120.50	114.50				
0811	Red Knight	63	Large blocky early thick flesh fruit.	4.00	57.40	104.35	99.15				
0809	Revolution	72	Good disease package with extra large fruit and good yield.	4.00	56.05	101.85	96.75				
0813	Turnpike	75	Large blocky fruit with thick walls. Green to red.	5.00	66.25	120.45	114.45				

NEW!



Delirio



Tequila



Golden Dagger



Inferno



Mammoth



Masivo



Natasha



Semi-Hot Hungarian



Sweet Snack Mix



Cubanelle



Hungarian Sweet Wax



Jalapeno M



Sweet Banana

NOVELTY PEPPERS & MISC. PEPPERS

#	Variety	Days	Features	20/pk	100 s	500 s						
0819	Delirio	68	Green to vivid bright orange. Good holding quality.	5.00	17.05	77.25						
0818	Tequila	68	Larger and better quality than its other lilac competitors. Matures from lilac to a medium red color. 3-4 lobe.	6.00	17.70	77.00						
#	Variety	Days	Features	20/pk	500 s	1 M	3 M					
0828	Golden Dagger	55	Larger, earlier. 3000-5000 Scoville rating. Less green streak than other varieties at maturity.	3.00	35.75	65.60	61.90					
0830	Inferno	63	A good yielder w/ greater flavor in addition to heat. Light yellow to red hot banana pepper. 2500 - 4500 heat rating.	3.00	42.30	76.85	73.00					
0832	Mammoth	77	A large, milder jalapeno with smooth, thick dark green flesh	3.00	44.95	81.70	77.60					
0831	Masivo	84	A poblano-type 7x3 2-lobed shape. Green to red with strong plant.	3.00	32.80	59.60	56.75					
0820	Natasha	68	Long, straight, sweet fruit. Thick walled.	2.00	28.55	51.90	49.40					
0821	Semi Hot Hungarian Blocky	60	A large blocky yellow fruit with good yields. 1800-2000 heat rating.	4.00	52.95	96.30	91.50					
0834	Sweet Snack Mix	72	Blend of yellow, orange, and red snack peppers. Good yield.	10.00	106.80	194.50	184.80					
#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	5 lb.	
0825	Cubanelle	65	Frying pepper.	1.00	4.45	7.75	13.50					
0822	Hungarian Sweet Wax	70	Banana hot peppers, very prolific. 2500 heat rating.	1.00	3.45	5.50	8.80					
0823	Jalapeno M	73	An early continuous set, jalapeno. 6000 heat rating.	1.00	3.15	5.00	8.20					
0824	Sweet Banana	77	Yellow to red, sweet, popular market.	1.00	4.05	7.35	13.40					



Apogee



Bayhorse Gold



Blanco



Blaze



Blue Doll

PUMPKINS

PER M

#	Variety	Days	Features	20/pk	500 s	1 M	3 M					
0907	Apogee	95	40-50 lb. Extra large fruit with good handle and resistant to powdery mildew.	3.50	44.85	81.55	77.65					
0947	Bayhorse Gold	100	Very dark orange with dark handle. 15-20 lbs	6.00	77.30	140.50	133.45					
0910	Blanco	110	4 to 8 lbs. Bright white pumpkins. Round to round-flat shape.	4.00	56.80	103.25	98.10					
0945	Blaze	100	Decorative fun 3 lb. Plant is vigorous semi bush w/bright colored pattern.	5.00	63.05	123.70	117.55					
0939	Blue Doll	100	Warted popular blue with deep ribbing. Easily sizes to 20 lbs	5.00	95.35	173.75	164.70					



Casperita



Cinderella



Cronus



Fairytale



Flat White Boer



Grizzly Bear



Jill-Be-Little



Lil'Pum-Ke-Mon



Mellow Yellow



Mini Warts



Moonshine



One Too Many



Orangita



Peanut



Phat Jack

PUMPKINS

#	Variety	Days	Features	20/pk	500 s	1 M	3 M				
0930	Casperita	90	A 1½ lb. Vigorous vine with bright white ribs.	6.00	73.75	134.05	127.35				
0931	Cinderella	100	Red-orange unique flat fruit for fall mix. 25lb.	1.00	9.95	18.10	17.20				
0933	Cronus	115	25-60 lb. Good, long handle. Dark orange color.	6.00	83.60	151.95	144.35				
0938	Fairytale	125	A full season dark green to buff. Deep ribbed novelty pumpkin. 20-30 lb.	1.00	7.30	13.25	12.60				
0909	Field Trip	105	5-7 lb. Deep orange color. Moderate ribbing with a long well rooted handle. Semi-vine plant.	5.00	62.35	113.40	107.75				
0937	Flat White Boer	120	A full vine, unique, flat white pumpkin. 10-14 lb.	3.00	41.05	74.60	70.85				
0911	Gladiator	115	20-25 lbs. Moderate ribbing, deep orange color, strong handle	6.00	77.25	140.45	126.40				
0914	Gold Medal	95	A 30-40 lb. pumpkin with big, heavy handle. Dark orange color, looks like one to try!	3.00	46.10	83.80	79.80				
0936	Grizzly Bear	100	5-10 lb. Carmel- Tan, Warted, hard-shelled. Very productive	7.00	87.00	158.15	150.25				
0946	Jill-Be-Little	100	¼ lb. Orange, ornamental. A new and improved version of Jack-B-Little. A stronger vine and powdery mildew resistance.	2.00	25.75	46.85	43.15				
0940	Kratos	115	25-30 lb. with thick handle and strong vines. Deep ribbing.	6.00	83.75	152.25	144.65				
0908	Large Marge	105	A 30-40 lb dark orange blocky round pumpkin	5.00	59.30	107.85	102.70				
0926	Lil' Pum-Ke-Mon	100	1-2 lb flat pumpkin. Orange stripes with white background	6.00	71.30	129.60	123.15				
0942	Mellow Yellow	95	20 lb. Blocky round with a strong green handle. Yellow in color just like the name.	7.00	87.00	158.15	150.25				
0941	Mini Warts	110	3 lb. Smaller version of Warty Goblin. Medium orange with green warts	7.00	91.45	166.30	157.00				
0915	Moonshine	100	8-12 lbs Strong stem, white color. Powdery mildew resistant.	6.00	76.20	138.55	131.60				
0916	One Too Many	110	A very different white background with red veins. 20 lb. round fruit. Spice up any display.	10.00	104.15	189.30	179.85				
0948	Orangita	90	2" x 4" 1-1/2 lb. Medium orange. Deep ribbing.	3.00	51.80	94.20	89.50				
0917	Peanut	100	Flat 15 lb. Pale pinkish orange fruit with the look of a peanut shell skin. Great for fall mixes.	2.00	46.20	84.00	79.80				
0913	Phat Jack	125	A large 50 lb.+ Jack-o-lantern with an exceptional thick strong handle. Farmore treated.	3.00	51.55	93.75	89.05				
0918	Pik-A-Pie	85	4-5 lb. Very dark orange with green handle, pie pumpkin, large handle.	2.00	31.00	56.40	53.70				
0912	Porcelain Doll	110	8-20 lbs. Deep ribbed, unique pink color. Powdery mildew resistant.	8.00	89.00	161.85	154.15				
0932	Polar Bear	105	30-40 lb. white. Retains color after maturity. Long vigorous vines.	9.00	94.60	171.95	163.35				
0904	Prudence	90	20-25 lb. with large, thick handle. Powdery mildew resistant.	4.00	51.20	93.05	88.60				



Pik-A-Pie Porcelain Doll Rascal Snowball Summit Warty Goblin Wee Bee Little Baby Boo

PUMPKINS

#	Variety	Days	Features	20/pk	500 s	1 M	3 M				
0903	Rascal	100	30-40 lb. Large flat pink fruit. Very deeply furrowed and semi hard shell. Excellent eating. Great for fall mixes.	6.00	102.90	187.05	178.15				
0943	Snowball	100	2-4 lb. attractive, smooth rind. Bright, white fruit with green stem.	5.00	76.20	138.55	131.60				
0906	Summit	95	30-40 lb. Powdery mildew resistant. Dark orange. Excellent handle.	3.50	44.85	81.55	77.65				
0919	Touch of Autumn	90	2-3 lb. Powdery mildew resistant pie pumpkin. Good handle.	2.00	15.25	27.70	25.15				
0944	Warty Goblin	105	10-20 lb. Dark green, hard shelled with large green warts. Very Unique!	7.00	94.25	171.35	162.50				
0923	Wee Bee Little	95	A ½ lb. true mini pumpkin.	2.00	11.20	20.30	18.45				
#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
0925	Baby Boo	100	The white version of Jack-B-Little. ¼ lb.	1.00	5.60	8.85	14.10	45.10	81.95	148.95	



Cherry Bell



French Breakfast



German Giant



Rover



Ambition



Bloomsdale



Space

RADISHES

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
0927	Champion	26	Bright red, globe shape, firm.	1.00	1.70	2.20	2.90	4.40	5.80	9.25	
0934	Cherry Bell	22	Round, red, solid, crisp.	1.00	1.35	1.80	2.35	3.55	4.70	7.50	
0935	French Breakfast	24	Skin is rose scarlet with white tip.	1.00	1.55	2.05	2.70	4.10	5.45	8.70	
0960	German Giant	29	A crisp, large, great tasting radish.	1.20	2.70	3.60	4.75	7.25	9.65	15.40	
#	Variety	Days	Features	20/pk	500 s	1 M	3 M	10 M			
0949	Rover	25	Round, deep, red, large radish	1.00	1.45	2.55	2.40	2.30			

SHALLOTS

#	Variety	Days	Features	20/pk	250 s	500 s	1M	3M			
0980	Ambition	100	Very high yield. Red to brown color.	1.00	2.95	5.30	9.65	9.20			

SPINACH

#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
1003	Bloomsdale	45	Semi erect large savoyed, dark green leaves. Slow to bolt.	1.00	1.60	2.45	2.90	3.75	6.35	9.85	
1002	Olympia	45	Semi erect large savoyed, dark green leaves. Slow to bolt.	1.25	2.55	3.40	6.75	11.80	13.85	22.20	
1001	Space	25	Great variety for all seasons. Smooth upright leaves. Downy mildew resistant.	2.00	3.55	4.25	6.05	13.10	17.65	29.80	



Atlas



Bush Delicata



Renegade



Respect



Smooth Criminal



Spineless Beauty



Taybelle

SQUASH

Per M

#	Variety	Days	Features	20/pk	500	1 M	5 M			
1010	Atlas	90	5-7 lb. Large butternut squash bred for excellent eating quality. Semi bush	3.00	38.30	69.70	66.20			
1018	Bush Delicata	105	2-3 lb. Green & white striped. Sweet delicious flavor.	2.00	23.40	42.55	40.40			
1009	Multipik	50	5"-7", straight neck, yellow squash.	2.00	23.00	41.80	39.70			
1005	Renegade	44	High yielding. Strong disease package.	4.00	51.05	92.85	88.20			
1029	Respect	44	Medium dark green, smooth fruit. Plant is nearly spineless with good yield. Zucchini	3.00	47.25	76.70	73.05			
1033	Smooth Criminal	42	A straight-necked yellow summer squash with green stems. Reduced spines	2.00	32.90	59.80	56.80			
1004	Spineless Beauty	50	Medium green spineless open plant. Zucchini.	3.00	48.05	87.40	91.75			
1023	Spineless Perfection	44	Comparable to Spineless Beauty in shape with more refined speckling. Zucchini	4.00	53.60	97.45	92.80			
1007	Table Ace	80	A dark black green acorn with good, tasty flesh. No fiber or stringiness.	2.00	27.95	50.80	48.40			
1006	Taybelle	70	Intermediate resistance to powdery mildew. Acorn squash.	2.00	27.65	50.25	47.75			



Bugle



Buttercup Burgess



Butternut Waltham



Hubbard (Gold)



Red Warty Thing



Tivoli



Turk's Turban

#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.
1011	Bugle	80	A smaller version of Butternut Supreme. Ideal for boxing, stores well.	2.00	4.85	8.10	13.55	30.05	54.65	99.35
1017	Buttercup Burgess	110	3 lb. dark green buttercup.	1.00	2.05	2.75	3.65	6.90	12.00	21.85
1013	Butternut Waltham	97	10"-12" light tan squash. Fruit size varies.	1.00	1.70	2.25	3.00	5.65	9.00	14.40
1016	Hubbard (Blue)	110	12-14 lb. uniform sweet, ornamental or eating.	1.00	3.20	4.00	5.35	9.75	17.70	32.15
1015	Hubbard (Gold)	110	10 lb. orange Hubbard.	1.00	3.20	4.00	5.35	9.75	17.70	32.15
1012	Red Warty Thing	110	20 lb. fruit, Hubbard type flesh.	2.00	6.10	9.70	15.50	29.50	51.30	89.10
1014	Tivoli	95	Fruit is 3-4 lb. cream color spaghetti	2.00	7.55	12.10	19.40	59.65	108.45	197.15
1019	Turks Turban	100	An ornamental 3-4 lb. edible squash. Keeps well.	1.00	4.55	6.05	8.05	15.35	27.90	50.75

SWISS CHARD

#	Variety	Days	Features	20/pk	250 s	500 s	1M		
1020	Bright Lights	40	Lightly savoyed green or bronze leaves with stems of many colors. Suitable for production year round.	1.00	2.80	3.70	4.90		





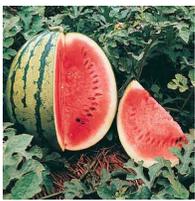
TOMATOES

#	Variety	Days	Features	20/pk	500 Seeds	1 M Seeds					
1022	Beefsteak	80	Fruit is a large flattened irregular shape.	1.00	4.60	8.75					
1108	Big Dena	85	Excellent indeterminate, high tunnel variety.	30.00	398.45	724.45					
1028	Carolina Gold	75	A deep yellow fruit, firm, auction type.	3.00	51.25	93.15					
1021	Celebrity Plus	72	Best flavor. Roadside market.	2.00	38.15	69.35					
1107	Early Girl	52	Popular, early home garden variety.	2.00	27.95	50.80					
1030	Gold Spark	65	Yellow grape with good flavor and outstanding yields.	10.00	195.00	354.55					
1104	Hillbilly (Potato Leaf)	80	Red-yellow stripes, large flattened fruit.	1.00	3.85	6.10					
1109	Mariana	75	Roma tomato, large fruit, very outstanding.	3.00	37.30	67.75					
1025	Mt. Fresh Plus	77	A good Mt. variety with better flavor.	3.00	41.30	75.10					
1024	Mt Rouge	76	Heirloom, large, smooth pink fruit. Resistant to late blight.	11.00	126.90	230.75					
1027	Primo Red	70	Large to extra large. smooth, good, red-colored fruit.	4.00	62.70	113.95					
1103	Red Deuce	71	High yielding of large firm meaty fruit with good color.	4.00	64.55	117.40					
1111	Super Sweet 100	75	A very popular cherry with good production hybrid.	2.00	29.70	54.00					
1110	Sweet Hearts	60	Uniform 1" fruit. Hybrid, excellent crack resistance. Good yield.	12.00	179.95	327.15					
1031	Sweet Treats	65	Large cherry tomato. Productive and crack resistant.	12.00	165.80	301.45					

TURNIPS

#	Variety	Days	Features	2 gm	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.
1112	Purple Top White Globe	57	Smooth globe shape, purple top. 5"-6" white fruit.	1.00	1.20	1.55	2.05	2.80	3.75	5.00

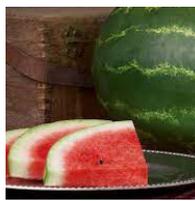




Crimson Sweet



Black Jack



Estrella



Fascination



Top Gun



Yellow Buttercup



Yellow Doll

WATERMELON

#	Variety	Days	Features	20/pk	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1/2 lb.	1 lb.	
1113	Crimson Sweet	85	15-30 lb. round, bright red, shipper.	1.00	2.55	3.95	5.10	9.65	16.75	29.15	
#	Variety	Days	Features	20/pk	250 Seeds	500 Seeds	1000 Seeds				
1116	Ace Plus	-	Offers a very early flowering date. Pollinator	6.00	68.80	125.10	227.45				
1123	Black Jack	78	15-23 lb. Oval, extremely flavorful, seedless	14.00	165.65	301.15	547.60				
1124	Estrella	84	Blocky, oblong, 20-24 lb. Bright red and high yielding.	4.00	40.45	73.55	133.70				
1121	Fascination	85	16-20 lb. oval, red seedless, high yields.	10.00	128.25	233.15	423.90				
1118	Jade Star	80	Oval round, 15 lb., an improved Sugar Baby.	4.00	37.15	67.55	122.80				
1115	Sangria	85	Elongated 20-26 lb., a must for commercial production.	4.00	42.35	77.05	140.05				
1120	Top Gun	83	A 21-24 lb. round, earlier, larger, sweeter crimson.	4.00	36.15	65.70	119.40				
1117	Yellow Buttercup	90	14-16 lb. oblong bright yellow flesh is brittle, juicy, and very sweet. Seedless	11.00	132.65	241.25	438.60				
1119	Yellow Doll	68	A sweet yellow round 5-7 lb. melon.	4.00	41.00	74.55	135.55				



Hardneck Seed Garlic

German White

1 lb. averages about 50 plants. Not available until August 15th.

	1-9 lbs	10-39 lbs	40+ lbs
#1135	\$13.00 per lb.	\$12.00 per lb	\$11.00 per lb

6% and 8% discounts do not apply to garlic.

Grass Seed

10-14 days to germinate - Overseeding: 2½ lb per 1000 sq. ft.
New lawns: 5 lbs. per 1000 sq. ft.

A sun and shade mixture
25% 3rd Millennium Tall Fescue
25% Titanium LS Tall Fescue
25% Grandslam Perennial Ryegrass
20% Gibraltar Creeping Red Fescue
5% Arrowhead Kentucky Bluegrass

#1127	1 lbs.	\$4.40
#1128	5 lbs.	\$20.10
#1129	10 lbs.	\$36.60
#1130	25 lbs.	\$83.15

Contains Naturally Insect-Resistant Grass

- Quick to establish
- Excellent varieties
- Does well in full sun or shade
- Drought and disease resistant
 - Insect resistant
- A very popular premium mix

Full Sun Mixes and Full Shade Mixes Also Available Upon Request.

Organic and Untreated Seeds

Please Note: Please order organic and untreated seeds only in package sizes



Provider



Boro



Red Cloud



Cairo



Grand Vantage

BEANS						Per lb		Per lb
#	Variety	Days	Features		1 lb.	5 lb.	10 lb	
6525	Provider	50	Organic, vigorous, strong rooted and exceptionally productive. 5 1/2" medium green pods.	Untreated	6.00	5.45	4.95	

BEETS						Price Per M		
#	Variety	Days	Features		10 M Seeds	50 M Seeds	100 M Seeds	
6501	Boro	50	Hybrid, globe shape, dark red smooth skin with vigorous clean and tender top.	Organic	3.15	2.75	2.45	
6503	Red Cloud	53	Hybrid, good production with excellent flavor.	Untreated	2.25	2.05	1.85	

CABBAGE						Price Per M		
#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds	
6505	Cairo	85	Nice round dark red heads inside and out. Good for summer and fall productions.	Untreated	7.95	14.50	13.05	
6506	Grand Vantage	70	An exciting fresh market variety with green to blue green color.	Untreated	5.80	10.50	9.45	



274A Xtra Tender



Incredible



Cobra



Lisboa



Santana



Winterbor

CORN						Price Per lb.		
#	Variety	Days	Features		1/4 lb.	1/2 lb.	1 lb.	5 lb.
6528	274A Xtra Tender	74	Super sweet that has good husk protection and great taste (SH2 Bi-color) (Untreated)		13.75	25.05	45.50	43.20
6527	Incredible	84	Rust resistant, good growth. Long time favorite (Untreated)		6.05	11.05	20.05	19.05

CUCUMBERS						Price Per M		
#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds	
6507	Cobra	60	Dark green and glossy with high yields. Multi-virus resistance.	Untreated	15.05	27.35	24.60	
6508	Lisboa	45	Parthenocarpic, slicer good for tunnelhouse production. A dark green fruit.	Untreated	121.55	221.05	210.00	

EGGPLANT						Price Per M		
#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds	
6509	Santana	80	A glossy black large fruit.	Untreated	10.10	18.30	16.60	

KALE						Price Per M		
#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds	
6510	Winterbor	60	Great yields with curled blue green ruffly leaves. Good cold hardiness.	Untreated	8.05	14.65	13.20	



Aristotle



Karisma



Sweetie TZ Mix



PEPPERS

Price Per M

#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds
6511	Aristotle	72	Excellent disease protection and enormous fruit size. 3-4 lobed.	Untreated	64.95	118.05	112.15
6512	Karisma	71	Extra large fruit with medium size strong plant and better continuous sets.	Untreated	54.45	98.85	94.25
6529	Sweet Snack Mix	72	Good yield blend of yellow, orange, and red snack peppers	Untreated	112.40	204.40	194.20



Mt Fresh Plus



Mountain Merit



Plum Regal



Smarty

TOMATOES

Price Per M

#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds
6520	Mt. Fresh Plus	77	A good Mt. variety with a better flavor.	Untreated	46.05	83.75	79.55
6526	Mountain Merit	77	Unique disease package offers early blight, late blight, nematode and TSWV resistance.	Untreated	60.25	109.55	104.05
6521	Plum Regal	80	Large fruit, strong plant that provides plenty of cover for early and late blight resistance.	Untreated	61.40	111.65	106.05
6530	Smarty	69	Grape tomato. Nice, firm, glossy fruit w/good flavor	Untreated	118.20	214.85	204.10



Autumn Delight



Lazor



Pinnacle



Quantum



Respect



Smooth Criminal



Spineless Perfection

SQUASH

Price Per M

#	Variety	Days	Features		500 Seeds	1 M Seeds	5 M Seeds
6524	Atlas	90	Restricted vine with good uniform and quality fruit	Untreated	33.10	60.20	57.30
6517	Autumn Delight	70	Acorn squash, bush plant with high yields of uniform dark green fruit. 5" x 6"	Untreated	33.45	60.80	55.25
6523	Lazor	42	Early maturing, smooth, good, firm fruit. Excellent yield!	Untreated	30.70	55.85	53.05
6516	Multipik	50	5" x 7" straight neck, yellow squash.	Untreated	23.40	42.55	38.70
6528	Pinnacle	85	3 lb. Oval bright yellow spaghetti	Untreated	48.25	87.65	83.30
6519	Quantum	110	3-5 lb. strong vigorous vine with very uniform fruit. Butternut.	Untreated	39.05	71.00	67.60
6522	Respect	44	Plant is nearly spineless with medium, dark green smooth fruit, with good yield.	Untreated	48.40	88.00	83.60
6531	Smooth Criminal	50	Yellow, straightneck. Smooth fruit	Untreated	30.60	55.65	53.00
6514	Spineless Beauty	50	Medium green spineless open plant. Zucchini	Untreated	40.90	74.35	70.65
6515	Spineless Perfection	44	Comparable to Spineless Beauty in shape. More refined speckling.	Untreated	58.50	106.30	101.20
6518	Taybelle	70	A large acorn, nearly black. Powdery mildew resistance.	Untreated	25.80	46.85	44.50

Please Note: Please order organic and untreated seeds only in package sizes

Onion Sets - Strawberries - Seed Potatoes

Note!

These items do not qualify for 6% discount and are not available for pick up or shipment until March 5th.

ONION SETS

Onion bulbs with strong flavor

	Varieties	32 lb	1 lb
#3846	Yellow	\$34.60	\$1.35
#3847	Holland-Stuttgarter	\$34.60	\$1.35
#3848	Globe	\$34.60	\$1.35
#3849	White	\$34.60	\$1.35
#3850	Red	\$34.60	\$1.35

Onion bulbs with sweet flavor

	Varieties	10 lb	1 lb
#3851	Candy	\$32.45	\$4.05



SEED POTATOES

Size A is larger and needs to be cut.

Mix or Match
10-39 Bags 40+ Bags

	Varieties	50 lb	15 lb	10 lb	5 lb	50 lb	50 lb
#3830	Kennebec A	\$20.70	\$8.70	\$6.20	\$3.40	\$19.45	\$18.30
#3831	Katahdin A	\$26.20	\$11.00	\$7.80	\$4.30	\$24.60	\$23.15
#3832	Yukon Gold A	\$20.70	\$8.70	\$6.20	\$3.40	\$19.45	\$18.30
#3833	Red Norland A	\$20.70	\$8.70	\$6.20	\$3.40	\$19.45	\$18.30
#3834	Red Pontiac A	\$20.70	\$8.70	\$6.20	\$3.40	\$19.45	\$18.30
#3879	Eva A	\$26.20	\$11.00	\$7.80	\$4.30	\$24.60	\$23.15

Mix or Match

Size B is smaller and does not need to be cut

10-39 Bags 40+ Bags

	Varieties	50 lb	50 lb	50 lb
#3835	Kennebec B	\$24.85	\$23.35	\$21.95
#3836	Katahdin B	\$28.30	\$26.60	\$25.00
#3837	Yukon Gold B	\$24.85	\$23.35	\$21.95
#3838	Red Norland B	\$24.85	\$23.35	\$21.95
#3839	Red Pontiac B	\$24.85	\$23.35	\$21.95
#3878	Eva B	\$28.30	\$26.60	\$25.00



STRAWBERRY PLANTS

Bareroot Strawberry Plants

	Varieties	Season	25	50	100	250	500	1000
#3840	Wendy	Early	\$8.85	\$16.90	\$32.20	\$76.60	\$145.90	\$291.85
#3841	Earliglow	Early	\$8.10	\$15.40	\$29.40	\$69.95	\$133.25	\$266.50
#3842	Honeoye	Mid	\$8.10	\$15.40	\$29.40	\$69.95	\$133.25	\$266.50
#3843	Brunswick	Mid	\$8.85	\$16.90	\$32.20	\$76.60	\$145.90	\$291.85
#3844	Galletta	Mid	\$8.85	\$16.90	\$32.20	\$76.60	\$145.90	\$291.85
#3845	Jewel	Late	\$8.10	\$15.40	\$29.40	\$69.95	\$133.25	\$266.50
#3852	Flavorfest	Mid	\$8.85	\$16.90	\$32.20	\$76.60	\$145.90	\$291.85
#3853	San Andreas	Ever-bearing	\$10.35	\$19.85	\$38.65	\$90.55	\$172.50	\$344.95

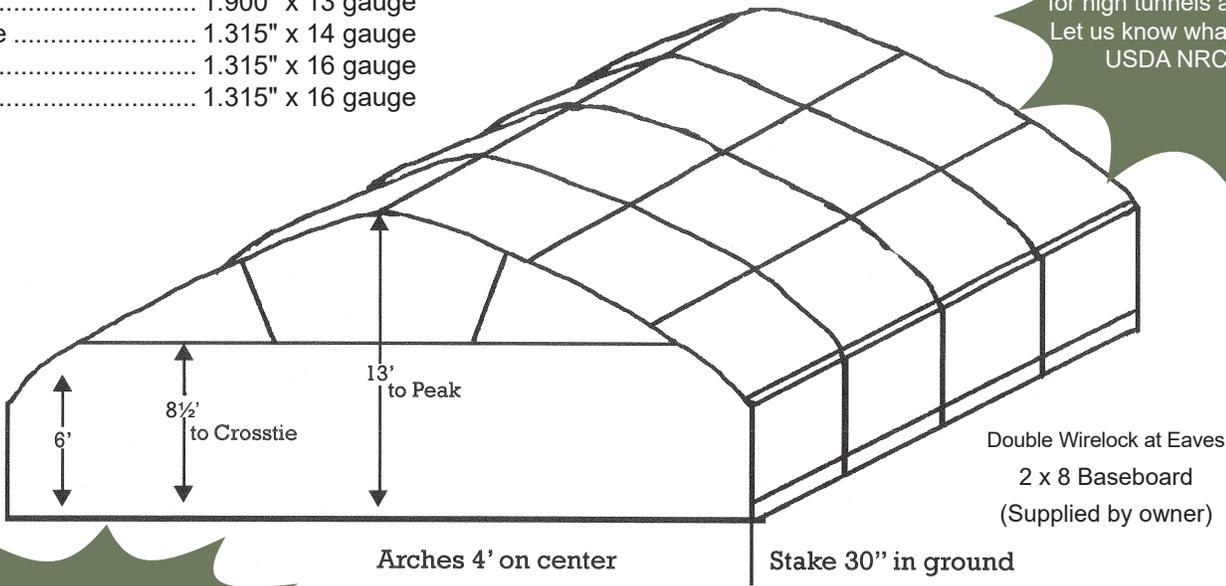


30' GOTHIC GREENHOUSE

Triple Galvanized Gatorshield Tubing for Years of Service

Arches.....	1.660" x 14 gauge (1.9" also available)
Stakes.....	1.900" x 13 gauge
Crosstie	1.315" x 14 gauge
Braces	1.315" x 16 gauge
Purlins.....	1.315" x 16 gauge

NOTICE
We have many different options for high tunnels and greenhouses. Let us know what your needs are! USDA NRCS Approved



Please contact us for a quote on your next greenhouse project. Quote request sheet on page 91 for your convenience.

30' X 96' GREENHOUSE

Single Layer Plastic, 2 Rollup Sides, Plastic to Fit Over Ends

23 pcs.	30' Arches, 6 1/2' Posts, 20' Cross Tie	\$197.05 ea.	\$4532.15
2 pcs.	30' Arches, Posts, No Cross Tie (For End Bows) . . .	\$143.90 ea.	\$287.80
42 pcs.	16' Purlins	\$17.00 ea.	\$714.00
4 pcs.	16' Purlins for Wind Braces	\$17.00 ea.	\$68.00
115 Set	1 5/8" Purlin Clips	\$2.30 per set	\$264.50
30 pcs.	1.3" Pipe Straps	\$0.40 ea.	\$12.00
16 pcs.	12' Double Wire Lock (for eave)	\$24.60 ea.	\$393.60
46 pcs.	1.6" Bracket Halves (for double wire lock)	\$1.85 ea.	\$85.10
16 pcs.	12' Roll Bar Cap	\$9.25 ea.	\$148.00
600 pcs.	Screws (Stainless Steel)	\$13.90 per 100	\$83.40
1 pc.	Driver Bit	\$3.45 ea.	\$3.45
1 pc.	Stake Driver	\$14.00 ea.	\$14.00
16 pcs.	12' Spring Lock	\$9.95 ea.	\$159.20
100 pcs.	4' Springs	\$0.80 ea.	\$80.00
2 pcs.	Curtain Cranks	\$40.70 ea.	\$81.40
26 pcs.	Eye Screws	\$0.90 ea.	\$23.40
24 pcs.	Rope Hangers	\$1.20 ea.	\$28.80
1 pc.	300 ft. Rope	\$0.10 per ft.	\$30.00
50 pcs.	4" Bolts (for baseboard)	\$0.50 ea.	\$25.00
46 pcs.	1.9" Pipe Straps (for baseboard)	\$0.70 ea.	\$32.20
100 pcs.	Wood Screws (for baseboard)	\$40.70 per 100.	\$40.70
50 pcs.	2 1/2" Bolts (to secure bows to stakes)	\$0.20 ea.	\$10.00
24 pcs.	Endwall Brackets with 1 5/8" braceband and bolt.	\$2.10 ea.	\$50.40
1 Roll	48' x 100' 6 Mil Clear 4 Year Plastic.	\$414.70 ea.	\$414.70
1 pc.	32' x 30' 6 Mil Clear 4 Year Plastic.	\$3.30 per ft.	\$99.00

\$7680.80

Other width and length greenhouses also available



20' Wide and 24' Wide Sample Pricing

For additional options, see quote request sheet on page 91.

20' x 96' Greenhouse

Single Layer Plastic, 2 Rollup Sides, Plastic to Fit Over Ends

25 pcs...20' Arches (Round top or Gothic).....	\$60.00 ea.....	\$1500.00
50pcs....6' Posts.....	\$19.85 ea.....	\$992.50
18pcs....16' Purlins.....	\$17.00 ea.....	\$306.00
23 Set...15/8" Purlin Clips.....	\$2.30 per set...\$52.90	
2 pcs....1" Pipe Straps.....	\$0.40 ea....	\$0.80
16 pcs....12' Double Wire Lock (for eave).....	\$24.60 ea....	\$393.60
46 pcs....1.3" Bracket Halves (for double wire lock)..	\$1.85 ea....	\$85.10
16 pcs....12' Roll Bar Cap.....	\$9.25 ea....	\$148.00
400 pcs....Screws (Stainless Steel).....	\$13.90 per 100...	\$55.60
1 pc....Driver Bit.....	\$3.45 ea....	\$3.45
1 pc....Stake Driver.....	\$14.00 ea....	\$14.00
12 pcs....12' Spring Lock.....	\$9.95 ea....	\$119.40
100 pcs....4' Springs.....	\$0.80 ea....	\$80.00
2 pcs....Curtain Cranks.....	\$40.70 ea....	\$81.40
26 pcs....Eye Screws.....	\$0.90 ea....	\$23.40
24 pcs....Rope Hangers.....	\$1.20 ea....	\$28.80
1 pc....300 ft. Rope.....	\$0.10 per ft....	\$30.00
50 pcs....4" Bolts (for baseboard).....	\$0.50 ea....	\$25.00
46 pcs....1.6" Pipe Straps (for baseboard).....	\$0.55 ea....	\$25.30
100 pcs....Wood Screws (for baseboard).....	\$40.70/box	\$40.70
16 pcs....Endwall Brackets with 1 ^{3/8} " braceband and bolt		
	\$2.10 ea....	\$33.60
1 Roll...32' x 100' 6 Mil Clear 4 Year Plastic.....	\$276.50 ea.....	\$276.50
1 pc....24' x 20' 6 Mil Clear 4 Year Plastic.....	\$2.50 per ft....	\$50.00

\$4366.05

Length Optional in 4' increments.

Gable Ends and Wood Framing not Included.

We can add or delete any options or parts that you would like...

24' x 96' Greenhouse

Single Layer Plastic, 2 Rollup Sides, Plastic to Fit Over Ends

23 pcs...24' Arch, Crosstie, 6 1/2' Post, Complete.	\$150.50 ea	3461.50
2pcs...24' Arch, Post, No Crosstie (for End Arch).	\$127.40 ea.	\$254.80
30pcs...16' Purlins.....	\$17.00 ea.....	\$510.00
4pcs. 16' Windbraces.....	\$17.00 ea.....	\$68.00
69 Set...15/8" Purlin Clips.....	\$2.30 per set...\$158.70	
26 pcs....1" Pipe Straps.....	\$0.40 ea....	\$10.40
16 pcs....12' Double Wire Lock (for eave).....	\$24.60 ea....	\$393.60
46 pcs....1.6" Bracket Halves (for double wire lock)..	\$1.85 ea....	\$85.10
16 pcs....12' Roll Bar Cap.....	\$9.25 ea....	\$148.00
500 pcs....Screws (Stainless Steel).....	\$13.90 per 100...	\$69.50
1 pc....Driver Bit.....	\$3.45 ea....	\$3.45
1 pc....Stake Driver.....	\$14.00 ea....	\$14.00
15 pcs....12' Spring Lock.....	\$9.95 ea....	\$149.25
100 pcs....4' Springs.....	\$0.80 ea....	\$80.00
2 pcs....Curtain Cranks.....	\$40.70 ea....	\$81.40
26 pcs....Eye Screws.....	\$0.90 ea....	\$23.40
24 pcs....Rope Hangers.....	\$1.20 ea....	\$28.80
1 pc....300 ft. Rope.....	\$0.10 per ft....	\$30.00
50 pcs....4" Bolts (for baseboard).....	\$0.50 ea....	\$25.00
46 pcs....1.9" Pipe Straps (for baseboard).....	\$0.55 ea....	\$25.30
100 pcs....Wood Screws (for baseboard).....	\$40.70/box....	\$40.70
50pcs...2 1/2" Bolts (to Secure Bows to Stakes).....	\$0.20...	\$10.00
20 pcs....Endwall Brackets with 15/8" braceband and bolt		
	\$2.10 ea....	\$42.00
1 Roll...42' x 100' 6 Mil Clear 4 Year Plastic.....	\$362.90 ea.....	\$362.90
1 pc....28' x 30' 6 Mil Clear 4 Year Plastic.....	\$2.90 per ft....	\$87.00

\$6162.80

Greenhouse Parts

Bows

#1420	20' Bow - Round Top	\$60.00 ea
#1614	20' Gothic Bow	\$60.00 ea
#1421	12' Bow - Round Top	\$35.00 ea

Posts

#1422	1.6" x 6' Post	\$20.50 ea
#1404	1.6" x 8' Post	\$25.60 ea
#1406	1.9" x 6 1/2' Post	\$21.45 ea
#1463	1.9" x 8' Post	\$26.40 ea

Round Tubing & Purlin Clips

#1423	1.3" x 20' Purlin	\$21.20 ea
#1424	1.3" x 16' Purlin	\$17.00 ea
#1425	1.3" x 8' Purlin	\$8.60 ea
#1485	0.995" x 10' Purlin	\$8.05 ea
#1426	Purlin Clips - Specify size 1-3/8" - 1-5/8" - 2" - 2-3/8"	\$2.30 per set

Square Tubing

#1486	1.5" x 24' Square Tubing	\$40.45 ea
#1500	2" x 24' Square Tubing	\$54.05 ea

Roll Bar Cap

#1427	12' Roll Bar Cap	\$9.25 ea
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Spring Lock & Springs

#1428	12' Spring Lock	\$9.95 ea
#1431	8' Spring Lock	\$6.65 ea
#1429	12 Double Spring Lock Base	\$24.60 ea
#1462	8' Double Spring Lock Base	\$15.75 ea
#1432	4' Spring	\$0.80 ea

Screws - Box of 100

#1430	1" Zinc Self-Drilling Screws	\$4.20 per box
#1458	1.5" Stainless Steel Self-Drilling Screws	\$19.00 per box
#1459	1" Stainless Steel Self-Drilling Screws	\$13.90 per box
#1450	1.25" Stainless Steel Lag Screws	\$40.70 per box

SEALING WASHERS

1 1/8" aluminum washers w/ rubber seal on one side to be used with #1450 1 1/2" lag screws or #1458 1 1/2" Tek screws when installing polycarbonate.



#1744	\$12.50 per 100	1 lb per 100
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Rope & Hangers

#1435	Rope	\$0.10 per foot
#1433	Rope Hangers	\$1.20 ea
#1434	Eye Screws	\$0.90 ea

Round Pipe Straps

#1507	0.995" Pipe Straps	\$0.25 ea
#1436	1.3" Pipe Straps	\$0.40 ea
#1437	1.6" Pipe Straps	\$0.55 ea
#1438	1.9" Pipe Straps	\$0.70 ea

Square Pipe Straps

#1508	1.5" Square Pipe Straps	\$0.90 ea
#1509	2" Square Pipe Straps	\$1.10 ea

Brackets & Bracebands

#1439	Endwall Brackets w/Braceband & Bolt	\$2.10 ea
#1440	Bracket Halves - specify size 1.3" - 1.6" - 2" - 2.3"	\$1.85 ea
#1441	1.3" Bracebands	\$0.65 ea
#1442	1.6" Bracebands	\$0.70 ea
#1473	2" Bracebands	\$0.95 ea
#1443	2.3" Bracebands	\$0.80 ea
#1680	Peak Brackets w/Braceband	\$6.35 ea

Bolts

#1444	1.5" Bolts with Nuts	\$0.15 ea
#1445	2.5" Bolts with Nuts	\$0.20 ea
#1446	4" Bolt	\$0.50 ea

Misc. Parts

#1521	8' Hat Purlin	\$19.40 ea
#1447	12' End Bow Lock	\$16.70 ea
#1448	12' Roll Lock	\$52.15 ea
#1449	12' Curtain Lock	\$27.25 ea
#1451	30" Anchors	\$11.55 ea
#1452	24" Jumper Hose	\$20.15 ea
#1499	48" Jumper Hose	\$27.10 ea
#1455	Boots for Posts	\$16.30 ea
#1456	Batten Tape 3/4" x 500'	\$45.60 ea
#1535	Angle Brackets	\$0.40 ea
#1497	8' Sealing Brush	\$22.50 ea
#1540	1.3 Elbow	\$6.55 ea

GREENHOUSE DOORS



#1453	3' x 7' Single Swinging Door with Latch	\$196.85 ea
#1536	3' x 7' Double Sliding Door Kit	\$498.20 ea
#1537	4' x 7' Single Swinging Door w/Latch	\$197.20 ea
#1538	4' x 8' Double Sliding Door	\$609.75 ea.

Price includes all hardware

#1633	14' x 100'	\$120.95	49 lb.	\$1.45 per ft.
#1634	20' x 100'	\$172.80	70 lb.	\$2.10 per ft.
#1635	24' x 100'	\$207.35	83 lb.	\$2.50 per ft.
#1636	28' x 100'	\$241.90	97 lb.	\$2.90 per ft.
#1650	28' x 150'	\$362.90		
#1637	32' x 50'	\$138.25	56 lb.	
#1638	32' x 100'	\$276.50		\$3.30 per ft.
#1639	32' x 150'	\$414.70		
#1640	36' x 100'	\$311.05		\$3.75 per ft.
#1651	36' x 150'	\$466.55		
#1641	40' x 100'	\$345.60		\$4.15 per ft.
#1642	40' x 150'	\$518.40		
#1643	42' x 50'	\$181.45	73 lb.	
#1644	42' x 100'	\$362.90		\$4.35 per ft.
#1645	42' x 150'	\$544.30		
#1646	48' x 100'	\$414.70		\$5.00 per ft.
#1647	48' x 150'	\$622.10		
#1648	50' x 100'	\$432.00		\$5.20 per ft.
#1652	50' x 150'	\$648.00		

White Plastic

#1649	24' x 125' 3 mil overwintering film	\$111.55		
#1661	32' x 100' 6 mil 4 Year			\$278.95
#1662	48' x 100' 6 mil 4 Year			\$418.40

6 mil IRAC Anti-Condensate Plastic

#1663	20' x 100' IRAC	\$181.75	70 lb.	
#1664	24' x 100' IRAC	\$218.10	83 lb.	
#1665	28' x 100' IRAC	\$254.45	97 lb.	
#1666	28' x 150' IRAC	\$381.70		
#1667	32' x 100' IRAC	\$290.80		
#1668	32' x 150' IRAC	\$436.20		
#1669	36' X 100' IRAC	\$327.20		
#1670	36' X 150' IRAC	\$490.75		
#1671	40' X 100' IRAC	\$363.50		
#1672	42' x 100' IRAC	\$381.70		
#1673	42' x 150' IRAC	\$572.55		
#1677	48' x 75' IRAC	\$327.20		
#1674	48' x 100' IRAC	\$436.20		
#1675	48' x 150' IRAC	\$654.30		
#1676	50' x 100' IRAC	\$454.40		
#1678	50' x 150' IRAC	\$681.60		

Greenhouse Tape

Poly Patch tape works to repair tears or holes in your greenhouse and prevent cold air from getting in.

#1656	2" x 48'	\$8.35	.5 lb.
#1657	4" x 48'	\$16.75	1 lb.
#1658	10" x 48'	\$41.85	2.2 lb.



Greenhouse Felt

1½" x 48' white felt 1/8" thick with adhesive to put over bows or sharp corners to protect plastic.

#1659	\$14.45 ea.	.8 lb.
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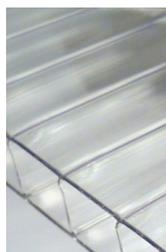
Rack & Pinion Ridge Vent



Installing a ridge vent will maximize natural air flow and reduce cost of forced ventilation, fans, etc. Call or email for a customized quote.

Double Wall Polycarbonate

Double wall polycarbonate to use for greenhouse applications. High impact strength, clear with diffused light and 15 year warranty against yellowing.



#1734	8 mm	4' x 8'	\$36.65 ea.
#1733	8 mm	4' x 10'	\$45.60 ea.
#1735	8 mm	4' x 12'	\$55.00 ea.
#1738	8 mm	4' x 16'	\$73.35 ea.
#1739	8 mm	6' x 8'	\$55.00 ea.
#1740	8 mm	6' x 10'	\$68.35 ea.
#1743	8 mm	6' x 12'	\$82.50 ea.
Custom Cut			\$1.25/sq ft

Aluminum Channels for Polycarbonate



H Channel

Cap Channel

#1736	8' long	\$9.45 ea.	2 lb.
#1747	12' long	\$14.20 ea.	

#1737	8' long	\$7.05 ea.	1.5 lb.
#1748	12' long	\$10.60 ea.	2.5 lb.



Two-Part Roof H

Used for cross connectors on polycarbonate roofing

#1749	16' Two Part Roof H	\$66.40 ea
#1752	20' Two Part Roof H	\$83.00 ea



Environmental Controllers

VCU2-24 Controller is used with 24VDC curtain motors to automate your rollup curtains. 115VAC input 5 amps. You can automate 2- 24 volt motors and one heater with this controller.

#1471	\$1014.30	15 lb.
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Captain 8 Greenhouse Controller User-friendly touchscreen interface. Manual override. Controls motors, heaters, pad pumps, etc. Wind, rain, and humidity override sensors available. 110 volt.

#1542	\$1245.00	15 lb.
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Other models also available.

Automated Curtain Motor

24VDC motors to be used in conjunction with environmental controller to automate your rollup curtains. Includes guidepipe, hardware and 1.315" adapter

#1470	\$348.35	12 lb.
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Gear Cranks



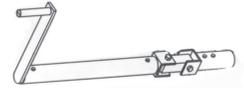
Handle is used as a brake. 5:1 is recommended for curtains up to 72 ft. long. 10:1 is recommended for curtains over 72 ft. long. Includes 8' post.

#1414	10:1 Gear	\$269.70 ea.	6.6 lb.
#1454	5:1 Gear	\$269.70 ea.	6.6 lb.

Optional Curtain Unit

A simple inexpensive crank unit to roll up greenhouse curtain, used to roll up curtain without a roller stabilizer or a post.

#1417	\$40.70 ea.	6.3 lb.
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WIRELESS GREENHOUSE ALARM

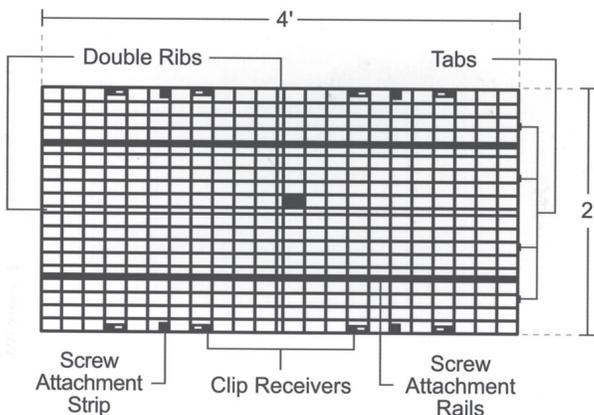
Includes one base unit to put in your house that runs off 12 V or 110 AC, and one remote unit powered by 2 AA batteries. Simple setup and operation. Alarm will sound if temperature goes above or below preset points on remote unit. One base can be used for up to 16 remote units.



#1460	Complete Set	\$385.30 ea.	3 lb.
#1461	Extra Remote	\$215.10 ea.	2½ lb.

Greenhouse Benches

Bench Tops



A plastic extrusion that interlocks to make a solid bench top or table top for greenhouses that lasts for years.

#1501	2' x 4'	\$13.30 ea.	4.3 lb.
#1539	3' x 4'	\$16.60 ea.	
#1502	Bench Clip	\$0.20 ea.	20 per lb.

Benches



Benches are fabricated with galvanized steel and poly tops. Chemical resistant - easy to clean. Stock sizes: 4' x 8' - 6' x 8' - 4' x 12'. Custom sizes available.

#1543	4' x 8'	\$239.47
#1544	6' x 8'	\$332.74
#1545	4' x 12'	\$339.65



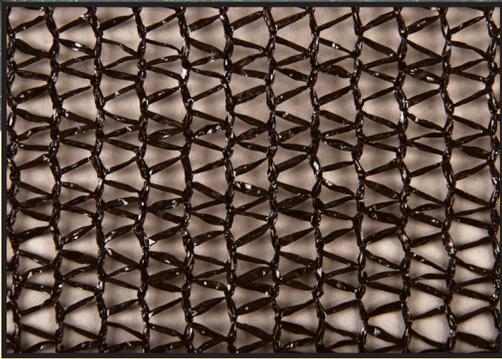
CUSTOM SHADE CLOTH

Shade cloth is an engineered fabric used to control shade and heat in the nursery, floral, and agricultural industries. There are many different types to choose from. Below you will find a list of recommendations for which type to use for different applications. The 50% white has also been working fairly well for insect protection when put on hoops or a frame over plants. A 40% black works great for bird netting for berries and fruits.

RECOMMENDED USES

- 40% Black.....Vegetable plants in field, bedding plants, lilies.
- 50% Black.....Flowers, gloxinia, begonias, azaleas, camellias.
- 60% Black.....Staghorn fern, African violets, poinsettias, rhododendron.
- 70% Black.....Fern, anthurium, philodendron, dracaena.
- 80% Black.....Pets, pond docks, livestock.
- 50% White.....Vegetable plants, insect control.

These are all knitted types and are able to be cut with scissors and knives without fraying. Knitted shade cloth is manufactured from a 100% UV stabilized polyethylene.



STOCKED SIZES

#5501	40% Black	12' Wide	Custom Cut	\$1.60 per ft.
#5502	40% Black	20' Wide	Custom Cut	\$2.70 per ft.
#5503	40% Black	26' Wide	Custom Cut	\$3.50 per ft.
#5518	40% Black	32' Wide	Custom Cut	\$4.30 per ft.
#5504	50% White	12' Wide	Custom Cut	\$3.70 per ft.
#5505	50% White	20' Wide	Custom Cut	\$6.20 per ft.
#5506	50% White	26' Wide	Custom Cut	\$8.10 per ft.

NON-STOCKED SIZES

#5507	40% Black	6', 8', 10'	\$0.17 per sq ft
#5508	50% Black	6', 8', 10', 12', 14', 20', 26', 32'	\$0.18 per sq ft
#5509	60% Black	6', 8', 10', 12', 20', 26', 32'	\$0.23 per sq ft
#5510	70% Black	6', 8', 10', 12', 15', 20', 26', 32'	\$0.28 per sq ft
#5511	80% Black	6', 8', 10', 12', 20', 26', 32'	\$0.29 per sq ft
#5513	50% White	6', 10'	\$0.37 per sq ft
#5514	60% Green	6', 10', 12', 20', 26', 32'	\$0.28 per sq ft
#5515	65% Tan	6', 12'	\$0.39 per sq ft

\$115 minimum per piece of special order shade cloth

KOOL RAY LIQUID SHADE

#5520	1 Gal	\$42.80
#5521	5 Gal	\$169.75

CLIP-ITS

- Use with shade cloth
- Replaces grommets
- Joins two panels

#5512 \$0.20 ea. 40 per lb.



Green Breeze HAF Fans



Corrosion resistant white powder-coated, open front guard for cleaning. Attached cord with plug and bracket.

#1503	12"	\$180.00 ea.	24 lb.
#1504	20"	\$291.10 ea.	56 lb.

Aluminum Shutters

Aluminum inlet shutters available in many different sizes.



#1401	24"	\$91.35 ea.
#1402	36"	\$180.90 ea.
#1403	48"	\$248.80 ea.
#1405	Electric Shutter Opener	\$132.50 ea.

Slant Wall Exhaust Fans

115 volt. Includes housing, shutter and motor.



#1505	24"	\$603.80 ea.
#1506	36"	\$810.85 ea.

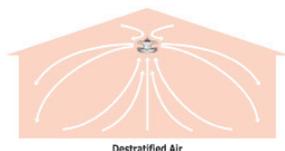
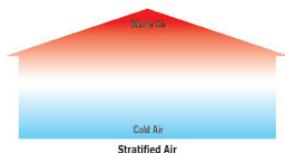
Auto Solar Vent Opener

These openers have a wax cylinder that reacts to heat and opens and closes automatically as temperature changes. Can be adjusted to open between 60-77° F. Maximum lift capacity 33 lbs.



#1465	Complete Opener Unit	\$57.70 ea.	2 lb.
#1466	Replacement Cylinder	\$30.90 ea.	.5 lb.

JD 360 Destratifier Exhaust Fan



Reduces:

- Temperature stratification and dead zones
- Moisture condensation

Provides:

- Even mixing of air
- Healthier, more comfortable environment

#1541	18"	\$426.00 ea.
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Includes Mounting Hardware

Thermostats



#1415	Single Stage	\$71.80 ea.	1 lb.
#1416	2 Stage	\$138.85 ea.	1.5 lb.

Inflation Blowers



Used to inflate two layers of film to conserve heat, lengthen life of poly and increase rigidity of houses where snow loads are a problem.

#1410	60 cfm Electric Blower w/Mounting Bracket	\$67.85 ea.	4.5 lb.
#1411	148 cfm Electric Blower w/Mounting Bracket	\$76.00 ea.	5.8 lb.
#1412	12 Volt Inflation Fan - Complete	\$76.00 ea.	17 lb.
#1413	12 Volt Inflation Fan - Fan Only	\$20.35 ea.	17 lb.

ES Shutter Fans



The ES Shutter Fan is a durable agriculture grade exhaust fan perfect for barns, greenhouses, and more. ES Shutter fans are available with a cord and plug for "No Electrician Needed" installation. Fans ship fully assembled out of the box so you're up and running in no time! Smooth & quiet operation.

#1522	12"	\$191.40
#1615	20"	\$296.40

Greenhouse Spacer Block

5" high plastic block to put inside double layer of plastic to form air pocket instead of using inflation blower. Includes ties to fasten to bow. Estimated requirements:

20' x 48' - 63 pcs. 30' x 48' - 79 pcs
20' x 96' - 123 pcs. 30' x 96' - 151 pcs



#1601	\$5.00 ea.
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Replacement Zip Ties

#1660	\$0.15 ea.
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Gas-Fired Heating Appliances

Separated Combustion Unit Heaters FA and UH natural gas or propane heaters with aluminized steel heat exchangers, operational indicator lights, and swept-wing fan blade. (Please specify natural gas or propane)

Direct ship FOB Warren, MI

#1531	30,000 BTU	\$1013.70 ea.
#1532	45,000 BTU	\$1050.90 ea.
#1533	60,000 BTU	\$1148.70 ea.
#1534	75,000 BTU	\$1185.30 ea.
#1510	100,000 BTU	\$1356.10 ea.
#1511	125,000 BTU	\$1439.85 ea.
#1512	150,000 BTU	\$1635.10 ea.
#1513	175,000 BTU	\$1734.10 ea.
#1514	200,000 BTU	\$1734.10 ea.
#1515	225,000 BTU	\$1983.80 ea.
#1516	250,000 BTU	\$1997.40 ea.



Add \$42.00 to above price for propane.

Sidewall Vent Kits & Hanger Kits Available

High Intensity Space Heaters



IR Series natural gas or propane fired heaters.

- Millivolt t-stat and wire.
- No power needed.
- Please specify natural gas or propane.

Propane	#1517	30.000 BTU	\$423.20 ea.
	#1518	60.000 BTU	\$517.95 ea.
	#1519	90.000 BTU	\$610.85 ea.

Natural	#1517	30.000 BTU	\$402.55 ea.
	#1518	60.000 BTU	\$517.95 ea.
	#1519	90.000 BTU	\$610.85 ea.

#1520	Chain set to hang IR heater	\$18.00 ea.
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Low Intensity Space Heaters



RH and RHT Series natural gas or propane heaters with enameled steel control box designed to provide broader coverage. Vented or unvented operation, and may use outside air for combustion if necessary.

		BTU	20 Ft.	30 Ft.	40 Ft.	50 Ft.
RH	#1523	50.000	\$989.75	\$1174.95	\$1381.40	-
	#1524	75.000	\$989.75	\$1174.95	\$1381.40	-
	#1525	100.000	-	\$1235.05	\$1321.30	\$1646.75
	#1526	125.000	-	-	\$1306.70	\$1646.75
RHT - Two-Stage	#1527	65.000*	\$1108.75	\$1290.30	\$1485.20	-
	#1528	75.000*	\$1108.75	\$1290.30	\$1485.20	-
	#1529	100.000*	-	\$1290.30	\$1485.20	-
	#1530	125.000*	-	-	\$1485.20	-

RHT two-stage models have 35% BTU reduction in low fire mode. Please specify natural gas or propane. Inquire with Yoders for additional BTU levels and lengths.

MIX RITE

An economical injector for greenhouse or field use.

3/4" MixRite

Max Pressure: 120 PSI. Flow rate ranges from 0.10 - 11 gallons per minute.

#1725	\$342.70 ea	4 lb
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1-1/2" MixRite

Max Pressure: 120 PSI. Flow rate ranges from 2 - 45 gallons per minute. Unit comes with on/off switch.

#1723	\$1016.75 ea
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BYPASS UNIT



This bypass unit is used to set up an injector in your irrigation system - use for greenhouses, mums, etc. This unit has the check valve and 3/4" female pipe thread on both ends.

#1729	\$75.05 ea.
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PROPORTIONAL FERTILIZER INJECTORS

Highly Accurate



Once you dial in the feed ratio, your injectors provide a constant mix. They compensate automatically for any change in water pressure or flow. Excellent for greenhouse use or anywhere you need to inject a constant PPM, ratio, or percentage.

Model D14MZ2 14 GPM 3/4" MGT

#1727	\$496.40 ea.	4.8 lb.
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Model D40MZVF 40 GPM 2" MPT

#1720	\$985.50
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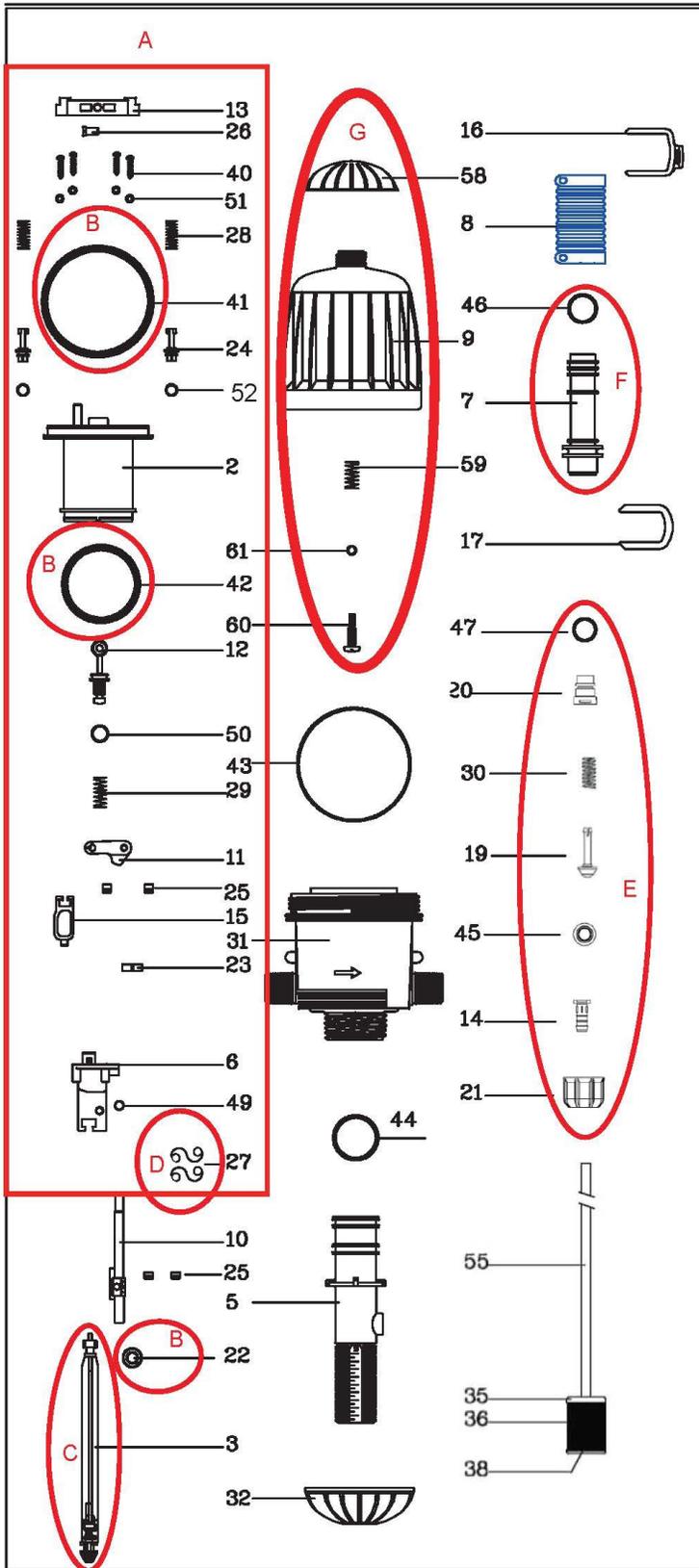
#1721	Model D14 Seal Kit	\$85.85
#1722	Model D40 Seal Kit	\$97.35

MIXRITE PARTS

DEMA

3/4" MIXRITE PARTS

See diagram at left



No.	DESCRIPTION	PART #	PRICE
A	500 Series LFR Yellow Engine Replacement	17400	\$109.85
B	570 Lip Seal Kit, LFR, Yellow Engine	17401	\$55.00
D	570/Connecting Bar & Piston, No O-Ring	17403	\$8.45
E	Plastic Engine Spring Kit (2 Springs)	17404	\$20.60
F	Check Valve Kit	17405	\$47.20
G	MixRite 570 Chemical Cylinder Kit w/O-Ring	17406	\$23.05
5	500 Series, 14 Series Cover w/ Air Release	17407	\$63.50
8	Blue Adjustment Sleeve	17408	\$7.70
16	500 Series Upper U-Latch, Chemical Sleeve	17409	\$2.30
17	500 Series Lower U-Latch, Chemical Sleeve	17410	\$2.30
21	Check Valve Nut, Black	17411	\$3.75
22	Chemical Piston Seal, Viton	17412	\$10.50
28	Hastelloy Upper Engine Spring - 2 Springs	17413	\$8.70
31	MixRite Body, 500 Series	17414	\$76.70
38	Suction Filter, 10 mm Barb	17415	\$9.30
43	500 Series Dome/Cover O-Ring	17416	\$13.80
44	Aflas O-Ring #44; Cylinder Support O-Ring	17417	\$5.50
46	Aflas O-Ring #46, Chemical Cylinder	17418	\$7.85
N/A	Mounting Bracket (Not Shown)	17424	\$7.35

1-1/2" MIXRITE PARTS

#17425	Check Valve	\$109.65 ea
#17426	Suction Piston w/O-Ring	\$32.25 ea
#17427	Seal Kit	\$36.25 ea
#17428	Engine Spring Kit - 2/set	\$32.00/set
#17429	Suction Cylinder	\$23.45 ea

Specialty Grower Baskets



Coco Grower Basket
White with wire hanger.

#1801 - 12" ..\$98.05 per 25 or \$4.30 ea.

#1802 - 14" ..\$119.85 per 25 or \$5.30 ea.

#1803 - 16" ..\$151.00 per 25 or \$6.65 ea.

#1804 - 20" ..\$150.45 per 15 or \$11.05 ea.



Coco Grower Basket
Black with wire hanger.

#1805 - 12" ..\$98.05 per 25 or \$4.30 ea.

#1806 - 14" ..\$119.85 per 25 or \$5.30 ea.

#1807 - 16" ..\$151.00 per 25 or \$6.65 ea.

#1808 - 20" ..\$150.45 per 15 or \$11.05 ea.



Coco Parasol Basket

Antique green with twisted hanger.

#181714"

\$84.40 per 6 or \$15.50 ea.



New!

Coco Parasol Basket

Black with twisted hanger.

#184814"

\$84.40 per 6 or \$15.50 ea.



Round Banana Leaf Basket
With wire hanger.

#1901 - 12" ..\$111.70 per 20 or \$6.15 ea.

#1902 - 14" ..\$129.05 per 18 or \$7.90 ea.

#1903 - 16" ..\$140.75 per 16 or \$9.70 ea.

#1904 - 18" ..\$157.90 per 14 or \$12.40 ea.



Square Banana Leaf Basket
With wire hanger.

#1905 - 12" ..\$137.80 per 20 or \$7.60 ea.

#1906 - 14" ..\$140.40 per 18 or \$8.60 ea.

#1907 - 16" ..\$147.95 per 16 or \$10.20 ea.



Star Cone Banana Leaf Basket

With wire hanger.

#191214"
\$102.55 per 10 or \$11.30 ea.

#191316"
\$125.60 per 10 or \$13.80 ea.



Square Cone Banana Leaf Basket

With wire hanger.

#191012"
\$122.50 per 18 or \$7.50 ea.

#191114"
\$140.75 per 16 or \$9.70 ea.

#194716"
\$141.10 per 12 or \$12.95 ea.



Round Cone Bark Basket

With wire hanger.

#190812"
\$130.50 per 20 or \$7.20 ea.

#190914"
\$159.95 per 20 or \$8.80 ea.

#194516"
\$127.60 per 12 or \$11.70 ea.

#194618"
\$143.80 per 10 or \$15.80 ea.



Round Cone Bark Basket

#207814"
\$161.90 case of 20 or \$8.90 ea.

#207716"
\$129.80 case of 12 or \$11.90 ea.



Square Cone Bark Basket

#207914"
\$152.20 case of 16 or \$10.45 ea.

#207616"
\$138.20 case of 12 or \$12.65 ea.



Round Bark Basket

#208214"
\$140.92 per case of 18 or \$8.60 ea.

#208316"
\$148.15 per case of 16 or \$10.20 ea.



Bark Watering Can Basket with Wire Hanger

#209012"
\$165.45 per 16 or \$11.40 ea.



Square Brushwood Basket

With wire hanger.

#191412"
\$115.05 per 20 or \$6.30 ea.

#194014"
\$124.50 per 18 or \$7.60 ea.



Round Cone Brushwood Basket

With wire hanger.

#191512"
\$115.90 per 20 or \$6.40 ea.

#194114"
\$154.60 per 20 or \$8.50 ea.



Square Cone Brushwood Basket

With wire hanger.

#191612"
\$125.00 per 18 or \$7.65 ea.

#194214"
\$130.00 per 16 or \$8.95 ea.

Specialty Grower Baskets



Round Black & White Thread Basket
With wire hanger.

#1917..... 12"
\$103.55 per 20 or \$5.70 ea.
#1918..... 16"
\$134.00 per 16 or \$9.20 ea.



Square Cone Black & White Thread Basket
With wire hanger.

#1922..... 12"
\$120.45 per 18 or \$7.35 ea.
#1923..... 16"
\$123.75 per 12 or \$11.35 ea.



Round Cone Black & White Thread Basket
With wire hanger.

#1920..... 12"
\$115.60 per 20 or \$6.35 ea.
#1921..... 16"
\$116.20 per 12 or \$10.65 ea.



Sphagnum Moss Basket
With wire hanger.

#1825..... 12"
\$231.10 per 30 or \$8.50 ea.
#1826..... 14"
\$210.06 per 22 or \$10.50 ea.
#1827..... 16"
\$195.60 per 16 or \$13.45 ea.



DR03 Resin Wicker Cone Basket
With wire hanger.

#1849..... 14"
\$138.05 per 20 or \$7.60 ea



DY2295 Palm Leaf Cone Basket
With wire hanger.

#1850..... 14"
\$140.00 per 20 or \$7.70 ea



DY2277 Round Cone Resin Basket Tan
With wire hanger.

#1844..... 14"
\$155.45 per 20 or \$8.55 ea



DY2268 Round Cone Resin Basket Gray
With wire hanger.

#1845..... 14"
\$155.45 per 20 or \$8.55 ea



DY2276 Round Resin Basket Tan
With wire hanger.

#1846..... 14"
\$135.00 per 20 or \$7.40 ea



DY2267 Round Resin Basket Gray
With wire hanger.

#1847..... 14"
\$135.00 per 20 or \$7.40 ea



Basket Tree
68" tall that holds 4 baskets.

#1828
\$31.90 ea.



Coco Replacement Liners

#1809 - 12"...\$25.60 per 10 or \$2.80 ea.

#1810 - 14"...\$32.20 per 10 or \$3.55 ea.

#1811 - 16"...\$36.30 per 10 or \$4.00 ea.

#1812 - 20"...\$49.30 per 10 or \$5.40 ea.



Round Cone Transport Stand

Galvanized.
#1932 Round
\$69.45 per 50 or \$1.50 ea.



Square Cone Transport Stand

Galvanized.
#2099 Square
\$73.15 per 50 or \$1.60 ea



Specialty Grower Planters



**Coco Parasol
Welcome
Planter**

Brushed copper.
#182014"
\$163.05 per 10 or
\$17.95 ea.



**Coco Parasol
Welcome
Planter**

Hammered white.
#182114"
\$163.05 per 10 or
\$17.95 ea.



**Coco Welcome
Planter**

Black.
#182212"
\$148.50 per 10 or
\$16.35 ea.



**Square Coco
Welcome Planter**

Black.
#182314"
\$170.10 per 12 or
\$15.60 ea.



**Round Wall Banana
Leaf Rope**

#192814"
\$128.50 per 20 or
\$7.05 ea.



**Floor Trough
Banana
Leaf Rope**

#192924"
\$115.90 per case of 10
or \$12.75 ea.



**Round Cone
Wall Banana
Leaf Rope**

#193014"
\$171.20 per case of 20
or \$9.40 ea.

#193116"
\$209.05 per case of 20
or \$11.50 ea.



**Roundwall Bark
Basket**

#208514"
\$165.30 per 20 or
\$9.10 ea.

#208616"
\$148.75 per 18 or
\$9.10 ea.



**Conewall Basket
#209114"**

\$177.62 case of 20 or
\$9.75 ea.



Square Bark Planter

#208114"
\$110.67 case of 8 or
\$15.20 ea.

Hangers

Upgrade to any
of these hangers
and get \$0.60
credit towards
regular specialty
hangers.



Black Wire Hanger

#1853
3 strand, 20" long. \$2.25
ea.
#1854
4 strand, 22" long. \$3.15
ea.



**Black Spunwire
Hanger**

#1835
3 strand, 20" long. \$2.50
ea.
#1838
4 strand, 22"
long. \$3.30 ea.



**Black Chain with
Wire Hanger**

#1836
3 strand, 20" long. \$3.35 ea.

#1839
4 strand, 22" long. \$4.40 ea.



Black Chain Hanger

#1834
3 strand, 20" long. \$1.95 ea.
#1837
4 strand, 22"
long. \$2.10 ea.

Succulent Planters



Milk Jug Planter
4.25"D x 6.25" H

#2063 - \$148.25 per 30
or \$5.45 ea.



Square Tin Planter
With rope handles

#1832.....10"
\$86.00 per 10 or
\$9.46 ea.



Oval Tin Planter
With rope handles

#183314"
\$91.65 per 12 or \$8.40 ea.



Oval Watering Can Planter
Antique Grey Zinc

#181311"
\$49.90 per 4 or \$13.72 ea.



Cement Succulent Planter

#2068 - \$28.60 per 12 or
\$2.60 ea.



7" Round Woodlike Planter
#1843.....6" deep
\$49.45 per 12 or \$4.55 ea.



Urn Planter
8" Tall. Planter
size: 6.5" x 4.5"
#1829
\$188.30 per 15 or
\$13.80 ea.



Cement Love Planter
4" pot fits inside.
#1830
\$65.25 per 18 or
\$4.00 ea.



New!

Cement Frog Planter
7.3" x 6.4" x 4.5"
#1851 - \$34.80 per 8 or
\$4.80 ea



Cement Turtle Planter
8.3" x 6.42 x 4.2"
#1852 - \$34.05 per 4 or
\$9.35 ea

New!



Rectangle Rock Planter
8" deep.
#18158"x6"
\$64.40 per 9 or
\$7.90 ea.



Owl Basket with Handle
#1816
\$130.55 per 18 or
\$8.00 ea.



Shoe Planter White
#182414" long
\$182.85 per 18 or
\$11.20 ea.



Cart Planter with 6" Zinc Pot
#18416"
\$87.40 per 18 or
\$5.35 ea.



Bike Planter
14" x 4.75" x 8.5".
#2060 - \$131.80 per 16
or \$9.05 ea.

Bear Planter
Brown.
#181421" tall
\$214.50 per 10 or
\$23.60 ea.



Rattan Teacup Planter
#2062 - \$199.00 per 36
or \$6.10 ea.



Square Planter with Cage
7.5" x 5.25" x 14".
#2064 - \$162.90 per 18
or \$9.95 ea.



Round Flower Cage
8" D x 13" H.
#2067 - \$206.25 per 30
or \$7.55 ea.



QUALITY PLASTICS, LLC



White



Black



Mocha



Terra Cotta



Green



BW

QP Baskets - No Cap Dish Required

All basket prices include hangers

#2006	12" QP Swirl White	\$113.70 per 50 or \$2.50 ea	35 lb
#2007	12" QP Swirl Green	\$113.70 per 50 or \$2.50 ea	35 lb
#2051	12" QP Swirl Black	\$113.70 per 50 or \$2.50 ea	35 lb
#2008	12" QP Swirl Terra Cotta	\$113.70 per 50 or \$2.50 ea	35 lb
#2094	12" QP Swirl Mocha	\$113.70 per 50 or \$2.50 ea	35 lb
#2297	12" QP Swirl BW	\$113.70 per 50 or \$2.50 ea	35 lb
#2009	10" QP Traditional White	\$63.45 per 50 or \$1.40 ea	42 lb
#2049	10" QP Traditional Green	\$63.45 per 50 or \$1.40 ea	42 lb
#2050	10" QP Traditional Black	\$63.45 per 50 or \$1.40 ea	42 lb
#2095	10" QP Traditional Mocha	\$63.45 per 50 or \$1.40 ea	42 lb
#2298	10" QP Traditional BW	\$63.45 per 50 or \$1.40 ea	42lb

Bulk Pallet Pricing

#2006-BLK	12" QP Swirl White	\$3890.00 per 1800
#2007-BLK	12" QP Swirl Green	\$3890.00 per 1800
#2051-BLK	12" QP Swirl Black	\$3890.00 per 1800
#2008-BLK	12" QP Swirl Terra Cotta	\$3890.00 per 1800
#2094-BLK	12" QP Swirl Mocha	\$3890.00 per 1800
#2297-BLK	12" QP Swirl BW	\$3890.00 per 1800
#2009-BLK	10" QP Traditional White	\$2922.95 per 2400
#2049-BLK	10" QP Traditional Green	\$2922.95 per 2400
#2050-BLK	10" QP Traditional Black	\$2922.95 per 2400
#2095-BLK	10" QP Traditional Mocha	\$2922.95 per 2400
#2298-BLK	10" QP Traditional BW	\$2922.95 per 2400

Hangers

#2014	3-Strand 16" E-10 White	\$0.28 ea	1.8 lbs per 50
#2015	3-Strand 16" E-10 Green	\$0.28 ea	1.8 lbs per 50
#2065	3-Strand 16" E-10 Black	\$0.28 ea	1.8 lbs per 50
#2016	3-Strand 16" E-10 Terra Cotta	\$0.28 ea	1.8 lbs per 50
#2017	3-Strand 16" E-10 Mocha	\$0.28 ea	1.8 lbs per 50
#2018	3-Strand 19.5" QP E-10L White	\$0.30 ea	2.3 lbs per 50
#2019	3-Strand 19.5" QP E-10L Green	\$0.30 ea	2.3 lbs per 50
#2088	3-Strand 19.5" QP E-10L Black	\$0.30 ea	2.3 lbs per 50
#2089	3-Strand 19.5" QP E-10L Mocha	\$0.30 ea	2.3 lbs per 50
#2020	3-Strand 19.5" QP E-10L Terra Cotta	\$0.30 ea	2.3 lbs per 50
#2022	4-Strand 22" E-12 White	\$0.32 ea	2.0 lbs per 25
#2023	4-Strand 22" E-12 Green	\$0.32 ea	2.0 lbs per 25
#2025	4-Strand 22" E-12 Mocha	\$0.32 ea	2.0 lbs per 25
#2021	4-Strand 22" E-12 Black	\$0.32 ea	2.0 lbs per 25
#2024	4-Strand 22" E-12 Terra Cotta	\$0.32 ea	2.0 lbs per 25
#2026	3-Strand 21" Metal Hanger Galvanized	\$0.31 ea	3.0 lbs per 50
#2027	4-Strand 24" Metal Hanger Galvanized	\$0.45 ea	3.2 lbs per 50

The Versa Basket



#2052	14" QP Versa - Black	\$102.85 per 12 or \$9.45 ea.	17 lb.
#2053	14" QP Versa -Gray	\$102.85 per 12 or \$9.45 ea.	12 lb.
#2054	14" QP Versa - Brown	\$102.85 per 12 or \$9.45 ea.	15 lb.

#2055	14" QP Versa - Black w/Gray Trim	\$160.00 per 12 or \$14.60 ea.
#2071	14" QP Versa -Gray w/Black Trim	\$160.00 per 12 or \$14.60 ea.
#2084	14" QP Versa - Brown w/Gold Trim	\$160.00 per 12 or \$14.60 ea.



Euro Hanging Basket



Tuscan Basket



Traditional Hanging Basket

New!



Wave Hanging Basket

New!



Patio Hanging Basket

New!

Hanging Baskets - All basket pricing includes hangers

#2001	6" Euro White	\$159.10 per 100 or \$1.75 ea.	17 lb.
#2002	8" Euro White	\$55.75 per 50 or \$1.20 ea.	12 lb.
#2003	10" Euro White	\$65.20 per 50 or \$1.45 ea.	15 lb.
#2004	10" Euro Green	\$65.20 per 50 or \$1.45 ea.	15 lb.
#2005	10" Euro Terra Cotta	\$65.20 per 50 or \$1.45 ea.	15 lb.
#2010	12" Traditional White	\$169.90 per 50 or \$3.75 ea.	46 lb.
#2013	10" Tuscan Basket White	\$99.60 per 100 or \$1.10 ea.	27 lb.

#1956-B	14" Traditional Black	\$83.25 per 25 or \$3.70 ea.
#1956-W	14" Traditional White	\$83.25 per 25 or \$3.70 ea.
#1955-B	13" Wave Black w/White	\$90.00 per 50 or \$2.00 ea.
#1955-W	13" Wave White w/ Black	\$90.00 per 50 or \$2.00 ea.
#1955-C	13" Wave Aged Cappuccino	\$90.00 per 50 or \$2.00 ea.
#1959	11" Patio Black w/White	\$82.00 per 50 or \$1.80 ea.



Bulk Pallet Pricing

#1956-B	14" Traditional Black	\$3721.41 per 1188
#1956-W	14" Traditional White	\$3721.41 per 1188
#1955-B	13" Wave Black w/White	\$2380.30 per 1392
#1955-W	13" Wave White w/ Black	\$2380.30 per 1392
#1955-C	13" Wave Aged Cappuccino	\$2380.30 per 1392
#1959	11" Patio Black w/White	\$4860.96 per 3120



Belden Basket

A nice, large basket. Great for combinations. With wire hanger. 16" has 1 gallon water reservoir.



#2405	16" white	\$225.85 per 15 or \$16.55 ea.	29 lb.
#2406	16" black	\$225.85 per 15 or \$16.55 ea.	29 lb.

The H₂O Labor Saver & The Weekender

Saves water • Saves time • Saves money



The 16" Weekender is great for homeowner and municipal use with a 1 gallon reservoir while the 23" H₂O Labor Saver is best for municipal and commercial needs with a 2.46 gallon reservoir. Both have an overflow feature to prevent over watering. Guaranteed for 10 years.

#2430	16" Weekender, Black	\$26.65 ea.
#2431	23" H ₂ O Labor Saver, Black	\$85.60 ea.

QP

QUALITY PLASTICS, LLC

Cameo Pot

A heavy duty indoor planter with saucer attached to self water.



White



Black



Tan



Green

Please specify color behind description.



Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2274	5" Cameo	5"x4 3/8"	\$1.50	176	\$238.30	16	\$202.55
2275	7" Cameo	6 1/2"x5 3/4"	\$3.30	81	\$269.00	16	\$228.65
2276	9" Cameo	8 1/2"x7 3/8"	\$5.40	35	\$172.50	16	\$146.60
2277	12" Cameo	12 1/4"x10 5/8"	\$9.65	10	\$87.65	32	\$74.50
2278	14" Cameo	13 7/8"x12"	\$15.20	5	\$69.05	36	\$58.70
2279	20" Cameo	20 1/2"x18 1/8"	\$21.60				

Want to try something different? We are able to do custom colors on 300 pcs. or more.

Ascot Planter



Standard Colors are in White-Black-Tan-Blue-Green-Pink-Violet

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2286	16" Ascot	16 1/4"x11 1/4"	\$7.25	13	\$85.80	30	\$72.95
2287	18" Ascot	18 1/2"x12 3/4"	\$8.60	10	\$78.40	20	\$66.65
2295	20" Ascot	20" x 14 1/2"	Bulk \$8.35	Available in White - Black - Tan			

Bowl Planter



Standard Colors are in White-Black-Tan-Green

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2288	13" Bowl (Color)	12 1/2"x6"	\$2.45	58	\$130.05	32	\$110.55
2289	18" Bowl (Color)	17"x6 5/8"	\$3.90	37	\$131.80	20	\$112.05



QUALITY PLASTICS, LLC

Round Versailles Planter



Standard Colors are in White-Black-Tan-Blue-Green-Red-Pink-Violet

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2284	16" Round Versailles (Color)	16"x13 1/4"	\$7.45	7	\$47.40	30	\$40.30

Square Versailles Planter



Standard Colors are White-Black-Tan

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2282	14" Sq. Versailles	14 1/2"x13"	\$9.80	9	\$80.05	36	\$68.05
2283	18" Sq. Versailles	18"x16 7/8"	\$12.45	5	\$56.60	20	\$48.10

15" Chippendale Planter

Standard Colors are in Black-White-Gray

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2280	15" Chippendale	14 3/4"x13 3/4"	\$17.70	5	\$80.40	36	\$68.35



20" Bucket

Part #	Description	Size	Price	Bulk	Price
2291	20" Bucket Black	19 3/4"x13 3/4"	\$8.60	96	\$619.20



14" Zig Zag Planter

Standard Colors are in Black-White-Tan

Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2290	14" Zigzag	13 3/4"x13"	\$9.20	14	\$117.30	36	\$99.70



QUALITY PLASTICS, LLC

Window Box Planters



Standard Colors are in Black-White-Tan

Part #	Description	Size	Each Price	Qty per Cs	Price	Cs. per Pal.	Price
2285	28" Window Box	28"x10 3/4"x11 3/4"	\$11.95	10	\$108.65	24	\$92.35



Ginger Planter

Granite and Natural colors available. Please specify color when ordering

#2057	6"	\$2.45 ea.	25/cs.	\$55.50/cs
#2058	8"	\$3.15 ea.	25/cs.	\$71.50/cs
#2059	10"	\$4.05 ea.	25/cs.	\$73.60/cs

30" Window Box Planters



Standard Colors are in Black-White-Tan

Part #	Description	Size	Each Price	Qty per Bulk	Price	Price per Pallet
2294	30" Window Box	29.5" x 7.75" x 5"	\$7.15	304	\$6.80	\$2067.20



7" Wood Grain Pot

Available colors: Black, White, Tan, Gray. Photo shows gray color. Please specify color when ordering.

#2336	\$2.20 ea	65/cs.	\$129.25/cs
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18" Window Box Planters



Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2296	18" Window Box	18" x 6" x 4.5"	\$6.45	36	\$210.95	36	\$200.40

16" Round Planter

#2325	White	\$6.80 ea.	10/cs.	\$61.80/cs
#2326	Black	\$6.80 ea.	10/cs.	\$61.80/cs
#2327	Tan	\$6.80 ea.	10/cs.	\$61.80/cs



16" Square Planter

#2328	White	\$6.90 ea.	10/cs.	\$62.75/cs
#2329	Black	\$6.90 ea.	10/cs.	\$62.75/cs
#2330	Tan	\$6.90 ea.	10/cs.	\$62.75/cs

7" Max Planter

Available in yellow, pink and blue. Please specify color when ordering.



#2341	\$4.55 ea	40/cs.	\$165.85/cs
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Decorative Planters

Urns - Standard colors are Black - Tan - White.

12" Urn



15" Urn



17" Urn



Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2312	12" Urn	12"x10 5/8"	\$4.80	18	\$78.05	32	\$66.35
2315	15" Urn	15"x12 7/8"	\$8.15	10	\$74.05	36	\$62.95
2318	17" Urn	17 1/2"x13 1/2"	\$13.80	10	\$125.65	20	\$106.80

Birdhouse Basket
Hanging basket with water-tight bird house.
Available colors:
Burgundy with Black
Green with Black
Gray with Black
9" x 7.5"



#2314	\$99.20 per 10 or \$10.90 ea.
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Decorative Accessories

Gray Stonewall Edge



Part #	Description	Size	Each Price	Qty per Cs.	Price	Cs. per Pal.	Price
2292	Stonewall Edge Gray	23 1/2"x3 7/8"x1 5/8"	\$5.50	40	\$198.80	20	\$169.00



Wooden Baskets

Great for produce displays or flower planters.

#2409	1/2 Peck, no handle	\$5.00 ea.	.3 lb.
#2412	Peck, no handle	\$5.20 ea.	.3 lb.
#2413	1/2 bushel, with handle	\$5.75 ea.	1.3 lb.
#2414	1 bushel, with handle	\$6.25 ea.	2.3 lb.



Jr. Market Basket
8" x 15" x 4" deep.
21" hanger included.

#2155	\$170.13 per 50 or \$3.75 ea.	3.3 lb.
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Color Pots

Clay.
#2123 - 6" Clay...\$56.70 per 98 or \$0.65 ea.
#2124 - 8" Clay...\$103.55 per 58 or \$1.95 ea.
#2125 - 10" Clay...\$106.10 per 58 or \$2.00 ea.
#2126 - 12" Clay...\$71.35 per 28 or \$2.80 ea.
#2127 - 14" Clay...\$88.40 per 20 or \$4.85 ea.
#2128 - 10" Mocha...\$121.20 per 58 or \$2.30 ea.
#2129 - 12" Mocha... \$71.35 per 28 or \$2.80 ea
#2130 - 14" Mocha...\$88.40 per 20 or \$4.85 ea.



Oval Planters
Clay or Mocha

#2140 - 12" Clay\$189.65 per 88 or \$2.40 ea.
#2141 - 12" Mocha...\$189.65 per 88 or \$2.40 ea.
#2142 - 16" Clay\$117.10 per 43 or \$3.00 ea.
#2143 - 16" Mocha...\$117.10 per 43 or \$3.00 ea.

A Burst of Beauty in a Bag!



AI's Flower Pouch

Available in 6 hole and 10 hole.

#2402	6 hole	\$179.95 per 250 or \$0.80 ea
#2403	10 hole	\$182.40 per 250 or \$0.80 ea



Window Boxes

#2240	18" White	\$38.70 per 10 or \$4.25 ea.
#2241	18" Clay	\$38.70 per 10 or \$4.25 ea.
#2242	24" White	\$49.95 per 10 or \$5.50 ea.
#2243	24" Clay	\$49.95 per 10 or \$5.50 ea.

Decorative Planters



20" Oak Whiskey Barrel Planter
#2093 - \$13.15 ea.



22" Black Onda Planter
#2075 - \$9.45 ea.



22" Bronze Onda Planter
#2092 - \$11.05 ea.



Square Milano Planter

Black
#2238 18" Tall....\$8.30 ea.
#2239 24" Tall.....\$17.20 ea

Peppercorn
#2249 18" Tall.....\$10.25 ea

New!



Barrel Planter
Rust

#2220	10"	\$0.75 ea.
#2221	13"	\$1.20 ea.



Deco Planter
Bronze

#2226	12"	\$1.55 ea.
#2224	14"	\$1.80 ea.
#2225	18"	\$2.85 ea.



Athena Urns

Heavy duty plastic urn with that metal look.

#2321	16"	Stone	\$17.30 ea.
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Kettle Planters
Black.

#2230	9"	\$25.15 per 6 or \$4.60 ea.
#2231	12"	\$37.55 per 6 or \$6.90 ea.
#2232	15"	\$56.00 per 6 or \$10.25 ea.



Pedestal Urns

#2235	White	\$24.60 ea.
#2236	Black	\$24.60 ea.



Handled Jar Planter

Top diameter 20".
Base 12". Height 16".
Capacity 11½ Gal.

#2340	Stone	\$19.90 ea.
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New!

Pebble Planter

16 inch - 5.8 gal Capacity
Gray with Black

#1949 - \$3.00 ea.



New!

Ripple Planter

Available in Black & Chocolate. Please specify color when ordering.

#1933	8.6"	1.7 gal	\$2.25 ea
#1934	10"	2.6 gal	\$3.60 ea
#1935	12"	4.5 gal	\$6.50 ea



Ridged Planter

Available in charcoal and beige colors.
12" - 15" - 18" sizes available.

Please specify color when ordering

#2266	12"	\$23.35 ea
#2267	15"	\$29.20 ea
#2268	18"	\$35.00 ea



New!

Mary Ellen Self-Watering Pot

19 inch - 12 gal Capacity
Gray with White Speckle

#1938 - \$20.50 ea.



New!

Riverstone Planter

15 inch - 6.1 gal Capacity
Ivory

#1939 - \$2.90 ea.



Patio Planter

12 inch
2.4 gal Capacity
Black w/White Wash

New!

#1954 - \$1.65 ea.



New!

Diamond Planter

White w/Black

#1936 - 10 inch, 1.8 gal
\$2.05
#1937 - 13 inch, 4.0 gal
\$4.30



Green Round Standard Pots

Taller pots.
#2028 - 4"....\$96.75 per 711 or \$0.15 ea.
#2029 - 4½" \$108.60 per 540 or \$0.20 ea.
#2030 - 5"....\$141.50 per 500 or \$0.30 ea.
#2031 - 6"....\$192.20 per 440 or \$0.50 ea.



Green Round Azalea Pots

Shorter pots.
#2032 - 5"....\$174.55 per 750 or \$0.25 ea.
#2033 - 6"....\$78.50 per 352 or \$0.25 ea.



Terra Cotta Thermoform Pots

#2036 - 4½"....\$72.65 per 720 or \$0.15 ea.



Green Square Pots

#2034 - 4"....\$208.35 per 900 or \$.25 ea.
#2035 - 4½" \$213.40 per 765 or \$0.30 ea.



306 Market Packs

#2046 - Packs \$144.05 per 300 or \$0.55 ea.
#2047 - Handles. \$176.35 per 1000 or \$0.20 ea.



Co Extruded Thermoform Pots

Try some for your mum pots. Soft yet durable for most requirements, marketing, handling, and weather conditions. Black.

#2212*	4"	\$112.80 per 1800 or \$0.10 ea.	68 lb.
#2213*	4½"	\$80.00 per 1000 or \$0.10 ea.	65 lb.
#2216*	5"	\$99.90 per 900 or \$0.15 ea.	18 lb.
#2217*	6"	\$90.20 per 680 or \$0.15 ea.	28 lb.
#2218*	6¾"	(Trade Gal.) \$53.20 per 240 or \$0.25 ea.	50 lb.
#2214	8" x 5"	\$50.35 per 170 or \$0.35 ea.	30 lb.
#2215	9" x 6"	\$34.75 per 90 or \$0.40 ea	19 lb
#2219	9" x 6"	\$745.70 per 3000 Bulk qty. only	



1 Gallon Pot Black

#2044 - Pots..\$71.85 per 128 or \$0.60 ea.
#2045 - Trellis.\$202.05 per 128 or \$1.75 ea.



6 Pc. Round Carry Tray

#2040 - 6" Azalea.....\$74.80 per 50 or \$1.65 ea
#2041 - 6" Standard.....\$77.75 per 50 or \$1.70 ea
#2048 - 6¾" (fits #2218 pot)....\$69.55 per 50 or \$1.55 ea



8 Pc. Round Carry Tray

#2039 - 5" .. \$75.75 per 50 or \$1.65 ea.



15 Pc. Round Carry Tray

#2037 - 4" ... \$80.75 per 50 or \$1.80 ea.
#2038 - 4½" .. \$70.55 per 50 or \$1.55 ea.



15 Pc. Square Carry Tray

#2042 - 4" .. \$76.65 per 50 or \$1.70 ea.
#2043 - 4½" \$81.20 per 50 or \$1.80 ea.

Plant Pie



8" plant pie. Space restrictions in your greenhouse? Try these to start your flowers in for your planters and save room.

#2524	\$36.00 per 50 or \$0.80 ea	13 lb.
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Muffin Tray



8 pc. 4½" round muffin tray.

#2525	\$107.95 per 50 or \$2.40 ea	20.3 lb.
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Square Press Fit Pots Black

#2301	2½"	\$37.80 per 800 or \$.05 ea.	12.3 lb.
#2302	4"	\$38.25 per 450 or \$0.10 ea.	14.3 lb.
#2303	4½"	\$42.25 per 375 or \$0.15 ea.	32 lb.
#2304	4½" deep	\$51.55 per 375 or \$0.15 ea.	33 lb.
#2311	5½" Pots	\$44.25 per 200 or \$0.25 ea.	20 lb.



Square Press Fit Carry Trays

#2305	2½" 32 count	\$44.25 per 50 or \$1.00 ea.	39 lb.
#2306	4" 18 count	\$45.05 per 50 or \$1.00 ea.	39 lb.
#2307	4½" (Works for deep as well) 15 count	\$67.10 per 50 or \$1.50 ea.	39 lb.
#2323	5½" 8 count	\$38.15 per 25 or \$1.75 ea.	22 lb.

Press-Fill Made Easy

Simply place a tray, press firmly and lift a fully loaded tray of pots. Repeat the process. Note - 5 1/2" pots do not press fit.



Jiffy Peat Pots

Reduce transplant shock and have no waste. 4" round pot.

#2411	\$181.75 per 1100/cs or \$0.20 ea.	79 lb.
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Jiffy 7 Peat Pellets

Jiffy Peat Pellets combine the functions of pot and potting soil into one unit, compressed into a fraction of their size for easy storage. When placed into water, these pellets expand to 7 times their original size. Ship wt. 19 lbs. Jiffy 703 - Pre-Drilled



#2410	\$64.30 per 1000/cs or \$1.75 per 25 pellets	.5 lb.
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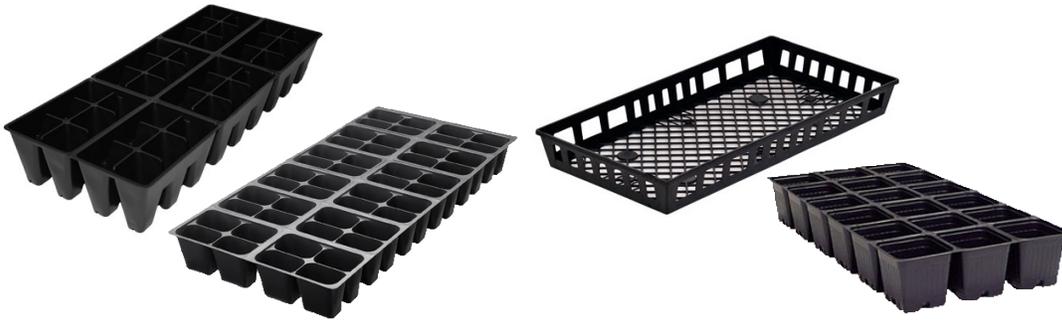
Plant Transport Cart

All-metal construction, galvanized with wire mesh shelves. 5" heavy-duty hard rubber wheels. Comes with four shelves. 22" x 53" x 75"

#5228	\$396.60 ea.
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Additional shelves

#5231	\$43.00 ea.
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Standard Inserts

10½" x 21"

#2101	2102	2103	2104	2105	2106	2107	2108	2109
\$52.40 per 100 or \$0.60 ea.								18 lb.

Standard Lightweights

10½" x 21". Fits all Standard inserts but not True inserts.

#2115	\$31.85 per 50 or \$0.70 ea.	20 lb.
1801 Deep Inserts		
#2114	\$80.20 per 100 or \$0.90 ea.	30 lb.

Standard Heavyweights

10½" x 21". Available with holes or without.

#2116	With holes	\$108.60 per 100 or \$1.20 ea.	34 lb.
#2117	No hole	\$108.60 per 100 or \$1.20 ea.	34 lb.

Special Cell Standard Inserts Super Jumbo

				#2120	606 Super Jumbo
#2110	2111	2112	2113	#2121	804 Super Jumbo
				\$61.80 per 100 or \$0.70 ea	
#2110 - 2112		\$57.85 per 100 or \$0.65 ea.			
#2113 Jumbo		\$61.75 per 100 or \$0.70 ea			



Clear Domes

Fits Standard carry trays to hold consistent heat for germination.

#2118	\$110.60 per 50 or \$2.45 ea
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Germination Trays

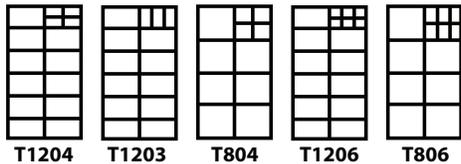
10½" x 21". 1¼" Deep. Works well for micro-greens.



#2119	With Hole	\$191.95 per 100 or \$2.10 ea.	30 lb.
#2144	No Holes	\$191.95 per 100 or \$2.10 ea.	30 lb.

True Series does not interchange with standard inserts.

True Series Inserts



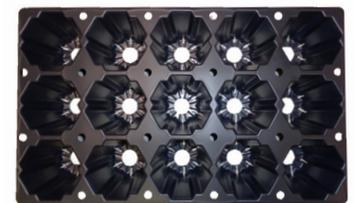
#2203	1204 True Inserts 100/cs	\$51.25/cs or \$0.55 ea
#2204	1203 True Inserts 100/cs	\$48.70/cs or \$0.55 ea
#2205	804 True Inserts 100/cs	\$65.50/cs or \$0.70 ea
#2206	1206 True Inserts 100/cs	\$58.45/cs or \$0.65 ea
#2207	806 True Inserts 100/cs	\$48.70/cs or \$0.55 ea
#2208	1801 Deep True Insert - 100/cs	\$67.25/cs or \$0.75 ea



True Series Carry Trays

Lightweight
Size 10" x 20"

#2201	\$29.50 per 50 or \$0.65 ea
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15ct Sure Roots Plug

15 count tray that works well for hi-tunnel tomatoes instead of 4" pots.

#2526	\$50.35 per 25 or \$2.20 ea.
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Plug Flats



The best value in plug flats - many sizes.

#2161	72 square - 2³⁄₁₆" deep	44 lb.
#2162	98 square	44 lb.
#2160	50 square - 2¼" deep	44 lb.
\$109.00 per 100 or \$1.20 ea		
#2163	128 square - 50 per cs.	44 lb.
#2164	200 square - 50 per cs.	18.8 lb.
#2165	288 square - 50 per cs.	18.8 lb.
#2166	406 square - 50 per cs.	18.8 lb.
\$54.50 per case of 50 or \$1.20 ea.		



21 ct Star Plug Tray

21 count tray that works well for edibles, nursery stock, perennials, bedding plants

#2527	\$97.40 per 50 or \$2.15 ea
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HAVILAND PRODUCTS

Part #	Description	Diameter	Height	Volume	Amount/bundle	Price	Weight
#2508	HP-275 Haviland	10.1"	9.312"	2.25 gal.	134	\$38.00 per bundle or \$0.30 ea.	19 lb.
#2504	10M Haviland	10.75"	7.85"	2.25 gal.	125	\$52.00 per bundle or \$0.45 ea	
#2510	HP-300 Haviland	11"	9.688"	3.00 gal.	120	\$43.80 per bundle or \$0.40 ea.	19 lb.
#2511	12M Haviland	11.75"	8.08"	2.80 gal.	135	\$62.30 per bundle or \$0.50 ea.	23 lb.
#2518	HP-500	12.2"	11.6"	4.02 gal	55	\$39.30 per bundle or \$0.80 ea	
#2512	700 Series Haviland	14"	11½"	6.23 gal.	Bulk Only	\$1.30 ea (Bulk Only)	
#2513	1000 Series Haviland	16.5"	14.75"	10.67 gal.	Bulk Only	\$2.80 ea. (Bulk Only)	
#2514	1500 Series Haviland	18.2"	16"	13.66 gal.	Bulk Only	\$2.70 ea. (Bulk Only)	

NURSERY SUPPLIES PRODUCTS

Part #	Description	Diameter	Height	Volume	Amount/bundle	Price	Weight
#2501	#200	6"	6"	.46 gal.	125	\$41.20 per bundle or \$0.35 ea.	8.8 lb.
#2502	#275	6½"	5½"	.55 gal.	100	\$37.75 per bundle or \$0.40 ea.	6.5 lb.
#2503	#300	6¾"	7¼"	.73 gal.	100	\$23.75 per bundle or \$0.30 ea.	9 lb.
#2515	#350	8"	5⅛"	.77 gal.	130	\$29.35 per bundle or \$0.25 ea.	13 lb.
#2505	#400	7⅝"	7"	1.01 gal.	92	\$30.70 per bundle or \$0.40 ea.	18 lb.
#2506	#550	9"	6"	1.21 gal.	97	\$25.80 per bundle or \$0.30 ea.	14.5 lb.
#2516	#600	8¾"	8½"	1.59 gal.	105	\$49.55 per bundle or \$0.55 ea.	19.5 lb.
#2509	#1000 (Squatty)	10"	7¾"	1.95 gal.	75	\$43.95 per bundle or \$0.65 ea.	16.8 lb.
#2517	#1200 (Squatty)	11.75"	8.08"	2.80 gal.	55	\$39.30 per bundle or \$0.80 ea.	23 lb.
#2510	#1200 (HP-300 Haviland)	11"	9.688"	3.00 gal.	120	\$43.80 per bundle or \$0.40 ea.	19 lb.



Dec-Grow

Decorative Growing Containers

The Dec-Grow pot is strong enough for field use, yet beautiful enough for a patio planter. A decorative pot we think will be used by many because of the price. Terra Cotta

#2520	10"	\$48.65 per 45 or \$1.20 ea.	18 lb.
#2521	12"	\$61.35 per 36 or \$1.85 ea.	47 lb.



Cut Flower Bucket

#2528	\$1.45 ea
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BetterGro of Ohio

Blend 1



Consists of Canadian sphagnum peat, perlite, vermiculite, minor and major nutrients to adjust pH and wetting agent. You will find this blend great for hanging baskets, flats, and pots.

#2610	3.0 loosefill \$18.80 ea. or \$17.90 ea. with 39 or more	35.5 lb.
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Blend 2

Same as Blend 1 with Actino-Iron added. For use in greenhouses where ventilation isn't tops. This product does wonders to prevent damping off.

#2611	3.0 loosefill \$20.10 ea. or \$19.15 ea. with 39 or more	35.5 lb.
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Peat-N-Gro



Peat/mushroom compost blend. Great for soil structure. Mix with topsoil for raised beds.

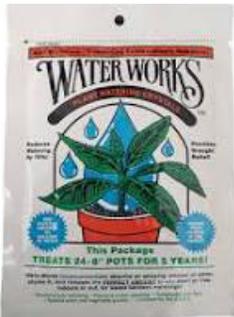
#5205	1.0 loosefill \$4.60 ea. or \$4.20 ea. with 50 or more	35.5 lb.
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Top-N-Gro



40 lb screened topsoil. Enriched with compost. Available after April 1.

#2614	1.0 loosefill \$3.65 ea. or \$3.30 ea. with 50 or more	35.5 lb.
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Water Works Crystals



Plant watering crystals that provide drought protection and prevent overwatering. Time released water on demand for weeks between waterings.

#2621	4 oz Packet	\$2.05
#2622	8 lb Jug	\$47.60

LOOKING FOR FLOWER PLUGS OR CUTTINGS?

We offer full service brokerage of plugs, cuttings, liners, annuals, perennials, flowering shrubs, herbs, seeds, fall mums and asters.

Please contact for price list:
Spring Valley Flowers
9643 S. Apple Creek Rd. • Fredericksburg OH 44627
 or call Laura at 330-695-5916
 (Located beside Yoder's Produce)

PROMIX®

A general purpose peat-based growing mix for the cultivation of green house plants. It contains Canadian sphagnum peat moss, perlite, vermiculite, wetting agent, and enough major and minor elements for initial growth.



MPX AGTIV REACH

#2600	3.8 compressed \$32.25 ea. or \$30.70 ea. with 30 or more	
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BX AGTIV REACH

#2601	2.8 loosefill \$17.55 ea. or \$16.70 ea. with 57 or more	28 lb.
#2602	3.8 compressed \$36.35 ea. or \$34.60 ea. with 30 or more	

BX AGTIV FORTIFY

#2615	2.8 loosefill \$19.35 ea. or \$18.45 ea. with 57 or more	28 lb.
#2616	3.8 compressed \$38.65 ea. or \$36.80 ea. with 30 or more	

FPX AGTIV DEFEND SEEDLING MIX

#2605	2.8 loosefill \$22.15 ea. or \$21.10 ea. with 57 or more	31 lb.
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Benefits of having Mycorrhizae in your soil:

- Increases fertilizer uptake; reduces fertilizer costs
- Increases the resistance of plants to stresses; reduces maintenance costs
- Optimizes results without changing growing practices
- Increased root mass, flower production, plant size, yield, and shelf life
- Improved water uptake and increased drought resistance

Benefits of having BioFungicide in your soil:

- Protects against damping-off, crown and rots caused by Fusarium, Phythium, and Rhizoctonia
- Enhances germination
- Increases plant growth
- Reduces risk of pathogens developing resistance to chemical fungicide.

Check page 92 to determine how much soil you need.

PRO-MIX BARK MIXES

BK AGTIV REACH

BK Agtiv Reach is a combination of 25% processed pine bark, sphagnum peat moss, & perlite that makes for a general purpose mix that provides good drainage and medium water retention.

#2704	2.8 cu. ft. \$16.50 ea.	38 lb.
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BKH AGTIV REACH

BKH has 55% processed pine bark along with peat moss & perlite. The high percentage of bark adds weight for container stability. Great for long-term greenhouse crops and perennials grown outdoors. 42 per pallet.

#2715	2.8 cu. ft. \$17.05 ea.	38 lb.
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SPHAGNUM PEAT MOSS

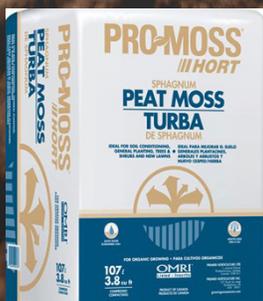
#2705	3.8 compressed \$16.10 ea.
#2706	2.2 compressed \$11.95 ea.

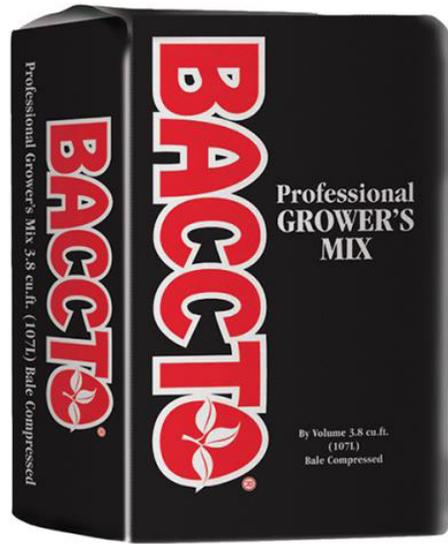


2.2cf. 50 per pallet
3.8cf. 30 per pallet

RETAIL MIX

#2617	1.0 cf \$7.40 ea.
#2618	2.0 cf \$13.10 ea.





BACCTO®

where growing begins.™

This lightweight, all purpose ready-to-use mix starts with unique, high-quality sphagnum peat moss from our Michigan bogs, carefully screened for consistency. A wettable formula, Baccto Professional Grower's Mix offers a balance of physical properties. Key nutritional elements, combined with unique Michigan sphagnum peat moss provide a consistent, high-quality, growing environment for all your crops. Baccto Professional Grower's Mix is available in 2.8 cu. ft. loose filled bags and 3.8 cu. ft. bales.



#2701	3.8 bale \$30.90 ea. 30 or more \$29.35	
#2702	2.8 loosefill \$14.75 ea. 54 or more \$14.00 ea.	33.5 lb.

BACCTO LITE™ PREMIUM POTTING SOIL



This popular, pre-moistened, all-purpose potting soil is designed to be light in weight and easy to use when planting indoor and outdoor potted plants or bulbs, or starting seeds or rooted cuttings. A lightweight blend of sphagnum peat and other quality materials, Baccto Lite Premium Potting Soil includes starter and slow-release fertilizers and is ready to use right out of the bag.

#2703	20 qt.	\$6.95 ea.	17 lb.
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YODERS PRO-MIX



This OMRI approved Pro-Mix is what we developed after extensive testing and multiple field trials. It is similar to Pro-Mix MP with added nutrients and minerals. (We can provide OMRI certificate if needed. 2.8 cf. Bag.)

#4308	\$24.70 ea. or \$22.45 ea w/57 or more	30 lb.
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Code Number on Bag: C028102RG870



PERLITE LOOSE FILL BAGS

#2712	4 cu. ft.	\$12.55 ea.	31 lb.
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33 per pallet

VERMICULITE LOOSE FILL BAGS

#2711	4 cu. ft. medium	\$19.40 ea.	43 lb.
#2713	4 cu. ft. coarse	\$24.50 ea.	43 lb.

33 per pallet



TILTH SOIL



A compost-based soil derived from food scraps. Works great for seed starting.

Approved for organic production.

#2707	2 cu.ft.	\$23.25
#2708	1 cu. yd.	\$288.00



DRAMM Watering Tools



Handi Reach Watering Wand

#2801	24" long	\$9.65 ea.	.3 lb.
#2802	30" long	\$10.70 ea.	.4 lb.
#2803	48" long	\$12.75 ea.	.5 lb.



Hanging Basket Wand

#2804	36" long	\$11.50 ea.	0.4 lb.
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Dramm Water Breakers

Use on Handi-Reach wands. 3/4" female hose thread.

#2811	750 PL Lemon Head	\$12.85 ea.	.1 lb.
#2812	1000 PL Red Head	\$12.85 ea.	.1 lb.



Touch-N-Flow Valve

#2814	\$13.85 ea.	0.5 lb.
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One Touch Valve

Open and close with your thumb. High Flow.

#2816	\$16.30 ea.	0.5 lb.
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Hozon

Injects fertilizer into garden hose. 1:20

#2817	\$14.90 ea.	.3 lb.
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Adjustable Head Wand

16" Nine-pattern spray head.



#2805	\$17.95 ea.	0.8 lb.
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Pistol Nozzle
Extra heavy duty.

#2823	\$8.55 ea.	0.8 lb.
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Revolver Nozzle
9 spray patterns. Very heavy duty.

#2824	\$10.10 ea.	0.8 lb.
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Brass Shutoff Valve
Heavy duty. Full flow.

#2813	\$21.50 ea.	0.5 lb.
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Shutoff Valve
New Higher Flow Valve

#2815	\$5.25 ea.	0.1 lb.
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Brass Swivel
Live swivel to use between wand and hose to make watering easier.



#2825	\$14.90 ea.	.1 lb.
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5 Liter Watering Cans
Assorted Colors

Very well balanced watering can with soft spray head.

#2826	\$23.00 ea.	3 lb.
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Replacement Tips

Specify color when ordering.

#2829	\$4.10 ea.
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Water Timer

Mechanical setting for up to 120 min.



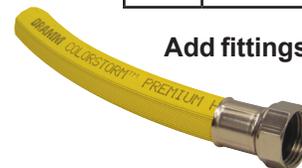
#3717	\$13.15 ea.	.3 lb.
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DRAMM

Custom Cut Hose

#2830	3/4" Custom Length	\$1.60 per ft.
#2833	5/8" Custom Length	\$1.30 per ft.

Add fittings to be crimped on.



Dramm Colorstorm Hose is made from EPDM rubber for a crackless hose 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 occur.



Colorstorm EPDM Rubber Garden Hose

#2821	5/8" x 50'	\$63.90 ea.	10.6 lb.
#2935	5/8" x 75'	\$121.55 ea.	14.0 lb.
#2936	5/8" x 100'	\$128.10 ea.	20.5 lb.

#2831	3/4" Crush-proof female garden thread	\$10.15 ea.
#2832	3/4" Crush-proof male garden thread	\$8.30 ea.
#2834	5/8" Crush-proof female garden thread	\$6.25 ea.
#2835	5/8" Crush-proof male garden thread	\$5.95 ea.

Heavy Duty Brass Quick-Connectors with Full Flow



#2827	Male Quick-Connect	\$7.20	.2 lb.
#2828	Female Quick-Connect	\$10.55	.2 lb.



Pressure Compensating Dripper
.5 gph with check valve and E-Z close features.

#3701	18"	\$21.25 per 25	1 lb.
#3702	24"	\$22.70 per 25	1 lb.
#3703	36"	\$24.50 per 25	1.2 lb.
#3704	48"	\$31.65 per 25	1.5 lb.
#3725	White weight only \$0.60 ea.		



Assembled 4-Way Dripper
Assembled 4 way with 2- 18" long and 2- 36" long tube with 6³/₈" angle stakes and 2 GPH emitter.

#3738	\$2.65 ea.
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Dripper Stake
6³/₈". Angle stake for spider hook-up.

#3715	\$0.25 ea
1000 per lb.	



Spaghetti Tube
¼" super flex. UV. White. Used to connect spiders. ¼" x 1000'



#3710	\$60.95 ea.	8 lb.
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Hanging Assembly
Has barb at end to connect to supply line with weight at bottom to keep straight and from swinging. Fits to misters and foggers.

#3706	12"	\$1.80 ea.	10 per lb.
#3707	30"	\$2.05 ea.	5 per lb.

Non Pressure Compensating Emitter

Use with spot spitters.



#3764	\$0.20 ea
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Mister Head
18.4 gph at 30 psi. Check valve that opens at 28 psi, mists up to 12 ft. wide. Recommended to space 3 ft. apart on supply line.

#3709	\$3.10 ea.	10 per lb.
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Spider Dripper Assemblies

Pressure Compensating Emitter
Check valve feature that opens at 10 PSI.



#3711	.5 gph	\$0.30 ea
#3712	2 gph	\$0.30 ea.
#3746	2 gph for 4way	\$0.25 ea.



Four Way Manifold Multi Outlet to Dripper Stake

#3713	\$0.25 ea
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Two Way Manifold Multi Outlet to Dripper Stake

#3714	\$0.25 ea
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Fodder Mister with Adapter

#3739	\$4.10 ea.
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Spot-Spitter

12" Spray stake. 160° spray stake, 0.11 gpm at 20 psi. Use with non-pressure compensating emitters.

#4852	\$31.70 per 100 or \$0.35 ea
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Coolnet Fogger

8.1 gph at 60 psi. 4 nozzles with check valve that opens at 28 psi.

#3708	\$5.90 ea.	10 per lb.
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Heavy Duty Scissors

with 6" blade that work great to trim flowers.



#4850	\$40.30 ea.	1 lb.
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Orchard Tube Punch

2.5 mm punch to be used with emitters. Fits ½" or ¾" tube.

#3718	\$29.00 ea.	.2 lb.
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E-Z Punch

2.5 mm punch for orchard tube.



#3720	\$10.60 ea.	.3 lb.
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Propagation Controllers & Sprinklers

Melnor Timer

Digital water timer that works well for hi-tunnels and many other applications

#4817	\$44.05 ea.	1 lb.
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Dig Propagation Controller

Single station propagation, battery controller with 1" solenoid in-line valve.

#4851	\$117.30 ea
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New!

Wonder Waterer

This is a high quality nozzle complete with filter and shut-off valve. Very uniform soft water pattern. A MUST for plug growers. Ask the grower who uses one!

#2807	\$27.90 ea.	.8 lb.
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New!

Mini Wobbler

The Mini-Wobbler is an off-center rotary-action sprinkler designed for solid-set irrigation systems. The Mini-Wobbler provides outstanding uniformity and an excellent distance of throw at low pressure. It produces a gentle application of water with reduced vibration. Its large diameter of coverage combined with outstanding distribution uniformity make it an ideal choice for nursery and under tree irrigation systems.

Mini Wobbler



#4853	Upright Mini-Wobbler	\$3.60 ea.
#4854-B	Nozzle Only - Beige	\$0.80 ea.
#4854-L	Nozzle Only - Lime	\$0.80 ea.

Beige Nozzle - 5/64"			Lime Nozzle - 7/64"	
GPM	DIA	PSI	GPM	DIA
0.48	29.5'	10	1.09	33'
0.64	30.8'	15	1.30	34.8'
0.75	33.6'	20	1.51	37.6'
0.84	34.8'	25	1.69	38.4'
0.91	35.6'	30	1.86	38.8'

Riser Assembly

#4858	1/4" x 4" Tubing with 1/2" Adapter	\$3.85 ea.
#4859	48" Steel Stake	\$3.60 ea.

Drop Tube

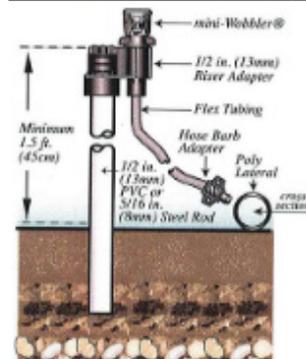


Inverted Mini Wobbler



#4855	Inverted Mini-Wobbler	\$3.60 ea.
#4856-B	Nozzle Only - Beige	\$0.80 ea.
#4856-L	Nozzle Only - Lime	\$0.80 ea.
#4857	24" Drop Tube	\$6.35 ea.

Beige Nozzle - 5/64"			Lime Nozzle - 7/64"	
GPM	DIA	PSI	GPM	DIA
0.75	29.5'	20	1.51	33'
0.84	30.8'	25	1.69	34.8'



Riser adapters will accept 1/2" or 3/4" PVC pipe or 5/16" steel stake

Install with standard FP-420 punch tool

Greenhouse Accessories



S-Hooks

Great to get more baskets in your greenhouse.

#2245	6"	\$6.15 per 25 or \$0.30 ea.	.8 lb.
#2246	12"	\$7.25 per 25 or \$0.30 ea.	2 lb.
#2247	18"	\$8.25 per 25 or \$0.35 ea.	2.5 lb.
#2248	24"	\$9.35 per 25 or \$0.40 ea.	3.5 lb.

Basket Handlers

A must-have tool to hang or move baskets in the greenhouse.



#2420	10"	\$29.85 ea.	4 lb.
#2421	12"	\$31.20 ea.	4 lb.



Refractometer

Check your brix content in vegetables or wine

#3003	\$34.20 ea.	.5 lb.
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Refractometer for Maple Syrup

#3004	\$45.00 ea.	.5 lb.
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Flower Labels

A white plastic label used to mark plants, flats, pots, etc.

#2422	4"	\$44.55 per 1000	3.8 lb.
#2423	6"	\$56.55 per 1000	5 lb.
#2424	4"	\$62.00 per 2000 pc. roll	3 lb.



Permanent Non-Fade Label Markers

#2425	\$2.30 ea.	.1 lb.
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PH and EC Meter

PH meter can test PH and temperature. EC meter can be used to determine PPM fertilizer in water. Use buffer solution to calibrate meters.



#3002	Pro PH Meter	\$126.40 ea.	.2 lb.
#3005	Pro EC Meter	\$99.85 ea.	.2 lb.
#3006	PH Buffer Solution	\$1.90 ea.	.1 lb.
#3007	EC Buffer Solution	\$1.85 ea.	.4 lb.

PH Test Strips

#3025	75 Tests	\$10.45 ea.	.1 lb.
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Yellow Sticky Cards

Sticky insect trap cards to monitor pests in greenhouse or fields. 3" x 5"



#5210	25 per pk.	\$19.50 ea.	.5 lb.
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Flexzilla Garden Hose

#2937	5/8" x 50'	\$42.15
#2938	5/8" x 75'	\$58.65
#2939	5/8" x 100'	\$74.80



Retractable Water Hose Reel

#2940	1/2" x 70'	\$270.85 ea
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Female Garden Hose Adapter

#3741	Plastic	\$1.70 ea.	.1 lb.
#3743	Metal	\$5.70 ea.	.2 lb.

Male Garden Hose Adapter

#3740	Plastic	\$1.80 ea.	.1 lb.
#3744	Metal	\$5.70 ea.	.2 lb.

Garden Hose Coupling

#3742	Plastic	\$2.70 ea.	.1 lb.
#3745	Metal	\$8.00 ea.	.2 lb.

Garden Hose Gasket



#3734	\$0.10 ea
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Metal Nozzle



#2822	\$4.65 ea.	.5 lb.
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Soil Amendments



Authorized Fertilizer Distributor

All products below are approved for organic production except Conventional Blend. We can also custom blend to what your soil needs. Take soil tests and balance your soil, don't just add fertilizer! Bring us your soil - we will have it tested and provide a recommendation for \$35.00

9-12-7 (CONVENTIONAL BLEND)

Intended for use under plastic or sidedress on corn. Not organic but if you care about your soil life, this is for you. Contains kelp, humates, sulfate of potash, and fish.

#4204	50 lb. bag	\$30.65
	40 bag-ton	\$1168.00

VERS-A-GRO 5-4-5 7% Ca



An all-purpose blend to use for all crops as side-dress or broadcast. A mix of chicken litter, feather meal, bone meal, phosphorus, and microbial food for all seasons.

#4228	50 lb. bag	\$19.35
	40 bag-ton	\$773.00

ROSE ACRES REPLENISH 3-4-3

A dried composted chicken manure prilled to size. Use on any crops. Easily goes through any planter box. 300-500 lb. per acre.

#4205	50 lb. bag	\$10.45
	40 bag-ton	\$417.65

HI-CAL PELLETTED LIME

38% Calcium. Loosens soil, increases pH, and provides available calcium and magnesium nutrition to your crops. Offsets soil acidity to improve availability of plant nutrients.

#4222	50 lb. bag	\$7.20
	40 bag ton	\$275.00

PELLETIZED GYPSUM (12S-23CA)

A high calcium. Loosens soil, takes care of quack grass.

#4208	50 lb. bag	\$11.45
	40 bag-ton	\$436.00
#4209	Per ton in tote	\$406.00

ARAGONITE

39% available calcium with trace minerals and less than 1% magnesium.

#4203	50 lb. bag	\$11.25
	40 bag-ton	\$429.00

HI-CAL POWDER LIME

35% Calcium, 0.25% Magnesium. Raises soil pH and enhances nutrient uptake. The fine-milled powder makes this lime highly reactive and allows it to begin adjusting soil pH quickly.

#4221	50 lb. bag	\$6.10
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SULFATE OF POTASH 0-0-50

Natural potash material that contains 21% sulfur. Improves thickness of leaves & stems, fruit size, and fruit set.

#4212	50 lb. bag	\$32.15
	40 bag-ton	\$1225.00
#4213	Per ton in tote	\$1195.00

PHOS-AGRI

Mined in FL. Used to balance phosphorous and calcium. 14% Phosphorous, 21% Calcium and 21% Silica.

#4225	50 lb. bag	\$19.50
	40 bag-ton	\$743.00
#4226	Per ton in tote	\$713.00

Soil Amendments



Authorized Fertilizer Distributor

MAP

11% Nitrogen, 52% Phosphorus. Monammonium Phosphate. Good natural source of phosphorus and nitrogen that is instantly plant-available.

#4227	50 lb. bag	\$35.40
	40 bag ton	\$1348.00

MAGNESIUM SULFATE (EPSOM SALT)

Contains many nutrients essential to plant growth and development. It is also water soluble and can be used as a foliar spray on all crops.

#4214	5 lb. bag	\$5.20 ea.
#4215	50 lb. bag	\$23.50 ea.

ELEMENTAL SULFUR

90% Granulated Sulfur. Lowers magnesium levels and pH, especially in fields or gardens where excessive manure was applied.

#4223	50 lb. bag	\$22.80
	40 bag ton	\$911.00

FLORA STIM

Natural mined nitrogen-fixing bacteria with a complete trace mineral package.

#4202	50 lb. bag	\$21.75
	40 bag-ton	\$828.00

AZOMITE

An all-natural trace mineral blend derived from volcanic ash deposits.

#4201	44 lb. bag	\$35.20
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MICRO BOOST

Trace mineral package with humates. Increases mineral uptake in plants. For soil application.

#4206	50 lb. bag	\$26.70
	40 bag ton	\$1068.00

KELP MEAL

Used to feed the biology in your soil. Contains trace elements that help your soil, crops and livestock.

#4210	50 lb. bag	\$68.05
	40 bag-ton	\$2722.00

FEATHER MEAL

Made from ground poultry feathers. Works great for a slow-release full season nitrogen. Ideal to top-dress vegetables or side-dress corn.

#4229	40 lb. bag	
		\$32.25

HUMATES

Humates are mined and contain plant derived minerals in micro amounts. A good source of carbon.

#4211	50 lb. bag	\$23.60
	40 bag-ton	\$898.00

BORATE

Essential micronutrient for development, yield and quality of all green plants. Transports nutrients to plants.

#4216	50 lb. bag	
		\$21.55

AMMONIUM SULFATE

13% Sulfur. 21% Nitrogen. Good for blueberries.

#5224	50 lb. bag	\$21.35
	40 bag ton	\$697.00

COPPER SULFATE

Important trace mineral for disease and fungus control. Can improve peaty or acidic soils to create a better climate for plant growth.

#4218	50 lb. bag	
		\$141.50

MANGANESE SULFATE

Used for carbohydrate metabolism and seed formation in plants and fruit. Activates calcium and phosphorus in your soil.

#4219	55 lb. bag	
		\$52.25

ZINC SULFATE

Increases plant growth & development and helps plants survive during drought. Builds soil fertility.

#4217	50 lb. bag	
		\$62.15

Plastic Mulch



1 MIL SUPER STRENGTH EMBOSSED MULCH

This high-tech formula is equal in strength to most 1.1 mil formulas currently available. We have field tested this plastic, it is stronger than most 1¼ mil smooth plastics.

20 or more

#2909	1.0 mil. 3' x 2400' Black	\$57.55	\$54.80	30 lb.
#2910	1.0 mil 3' x 4000' Black	\$95.90	\$91.35	60 lb.
#2911	1.0 mil. 4' x 2400' Black	\$76.75	\$73.10	48 lb.
#2912	1.0 mil. 4' x 4000' Black	\$127.90	\$121.80	80 lb.
#2913	1.0 mil. 5' x 4000' Black	\$159.85	\$152.25	98 lb.
#2914	1½ mil. 4' x 2400' Black	\$115.20	\$109.70	72 lb.

0.9 MIL EMBOSSED

#2901	4' x 2400' black	\$67.40 ea.	44 lbs.
#2902	4' x 4000' black	\$112.55 ea.	72 lbs.

EMBOSSED GREEN

The green plastic mulch provides the heat of clear plastic, but eliminates weed growth - no fumigation needed. It combines the advantages of Clear and Black.

#2915	1.25 mil 4 x 2400'	\$124.10 ea.	60 lb.
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EMBOSSED SILVER

A very reflective color that gives insect protection and reduces heat, works good for later onions.

#2916	1.25 mil 4 x 2400'	\$175.70 ea.	60 lb.
#2932	1.00 mil 4' x 4000' - No Heat Trap	\$220.60	

Concerned about your soil health?
Use the mulch that is totally biodegradable.
Made from starch instead of polypropylene.

BIO-GUARD BIODEGRADABLE MULCH

This mulch is made of Mater-Bi, a starch based material. Breaks down more consistently. Don't stretch too tightly when laying and plant immediately after laying. This mulch is completely biodegradable and leaves the soil completely free of any residue.

#2908	4x4000 .6 mil	\$215.55 ea.	45 lb.
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Advantages of using plastic mulch:

- Preserves soil humidity.
- Prevents fruit from being in direct contact with the ground, thereby reducing the risk of rotting and increasing fruit quality.

MICRO EMBOSSED

A more stretchy plastic that lays down tighter than Poly Expert Embossed.

#2903	4' x 600' 1 mil	\$77.50	25 lb.
#2904	4' x 4000' 1 mil	\$129.25	80 lb.

WHITE ON BLACK

Seems to be working well for cole crops to reduce heat.

#2905	4' x 4000' 1 mil	\$238.80 ea.	80 lb.
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RED PLASTIC

Has shown earlier and increased yields on tomatoes. This is a high quality 1.25 mil plastic.

#2906	4' x 2400'	\$136.25 ea.	60 lb.
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BIO-GOLD OXO-DEGRADABLE

Bio-Gold is an embossed degradable mulch that lays like standard mulch film. Bio-Gold should give you a 30 day seeding or planting window. Approx 6 months lifespan.

#2929	4' x 5000 .6mil	\$232.20	65 lb.
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GROUND COVER



This UV stabilized, woven cloth is extremely strong and far superior to sheet plastic. It resists punctures and tears and looks great for years. A pot aligner is woven into the fabric at 12 inch intervals. Water and fertilizer penetrate to prevent standing puddles. Air flows through to keep soil mold from forming. Used for: greenhouse floor mat, between rows for weed control, erosion control & bottom mat for gravel or bark. The 4 ft width is a great option to put down with plastic layer for raspberries. 3.2 oz.

*Also available in folded rolls.

#		Price	Custom Cuts	Weight
#1602	3' x 300'	\$39.80	\$0.15 per ft.	21 lb.
#1603	4' x 300'	\$53.05	\$0.20 per ft.	40 lb.
#1604	6' x 300'	\$79.60	\$0.30 per ft.	45 lb.
#1605	*10' x 300'	\$132.70	\$0.50 per ft.	
#1606	*12' x 300'	\$159.20	\$0.60 per ft.	
#1607	*15' x 300'	\$199.00	\$0.80 per ft.	

Small rolls are easy to use in your garden or flower bed.

#1608	3' x 100'	\$13.25	7.5 lb.
#1609	3' x 50'	\$6.65	4.3 lb.
#1610	4' x 100'	\$17.70	10.3 lb.
#1611	4' x 50'	\$8.85	6 lb.
#1612	6' x 100'	\$26.55	15 lb.
#1613	*12' x 100'	\$53.10	42 lb.

1.5 - 4 - 6 MIL BLACK PLASTIC

Use as a permanent mulch in gardens.
Moisture barrier under concrete, silage covers.



#2917	3' x 100' - 1½ mil	\$7.40	2.3 lb.
#2918	3' x 50' - 4 mil	\$7.65	3 lb.
#2919	4' x 100' - 4 mil	\$16.40	8 lb.
#2920	6' x 100' - 4 mil	\$21.70	12.5 lb.
#2921	10' x 100' - 4 mil	\$31.25	18 lb.
#2922	12' x 100' - 4 mil	\$37.15	24.3 lb.
#2923	20' x 100' - 4 mil	\$61.90	20.5 lb.
#2924	24' x 100' - 4 mil	\$74.25	46 lb.
#2925	32' x 100' - 4 mil	\$108.90	61 lb.
#2926	40' x 100' - 6 mil	\$204.15	

SOD STAPLES

#1617	6" - 11 gauge	\$37.50 per 1000	34 lb.
#1618	6" - 11 gauge	\$4.60 per 100	3.5 lb.
#1619	8" - 8 gauge	\$46.00 per 500	46 lb.
#1620	8" - 8 gauge	\$5.65 per 50	4.5 lb.

STRAW ROLLS



Great for seeding lawns and erosion control.

#1624	8' x 112'	\$42.05
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Biodegradable pins

#1625	100/box	\$20.60
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ARTIFICIAL TURF

TURF GLUE

1631-\$8.15/per tube

TURF TAPE

1630-\$19.50/25 ft roll

SHAMROCK GREEN



#1621	15' x 100'	\$2503.70/roll
#1622	15' x 50'	\$1251.85/roll
#1623	Custom Cuts	\$1.80/sq ft

FLORIDA GREEN



#1627	15' x 100'	\$2964.00/roll
#1628	15' x 50'	\$1481.20/roll
#1632	8" x 15'	\$21.60/roll
#1629	Custom Cuts	\$2.15/sq ft

Aqua-Traxx[®]

with the **PBX Advantage**



Count on it.



Design Features:

Aqua-Traxx is the breakthrough result of 25 years of tape research, development, and manufacturing from Toro.

Blue Stripes for signature of quality.

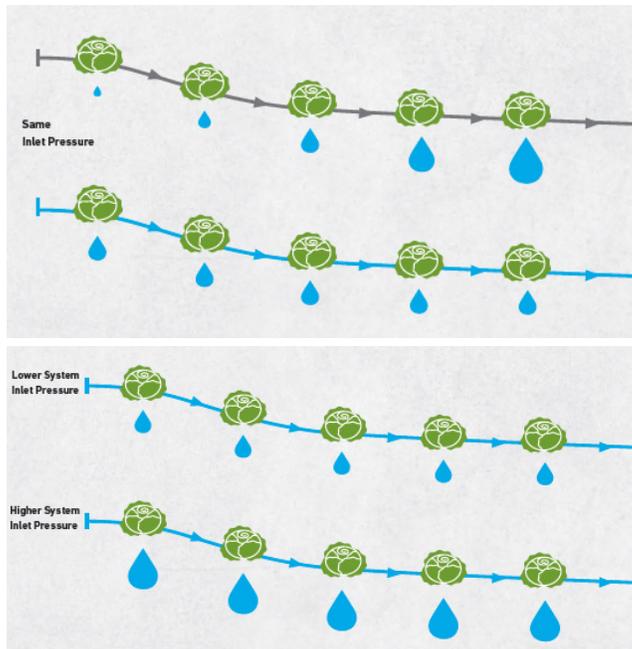
Enhanced turbulent flow path
-Better uniformity with reduced clogging.

*Note- If using clear plastic mulch, drip tape must be buried in soil.

Part #		Price	16 or more	Wt/Roll
#3103	6mil x 10000' (12" Spacing 0.45 flow)	\$191.50	\$182.40 ea.	70 lbs
#3104	8mil x 7500' (6" Spacing 0.67 flow)	\$172.10	\$163.90 ea.	65 lbs
#3109	8 mil x 7500' (8" Spacing 0.67 flow)	\$172.10	\$163.90 ea.	65 lbs
#3102	8mil x 7500' (12" Spacing 0.45 flow)	\$172.10	\$163.90 ea.	65 lbs
#3101	10mil x 6000' (12" Spacing 0.45 flow)	\$174.80	\$166.50 ea.	62 lbs
#3105	10mil x 6000' (24" Spacing 0.28 flow)	\$174.80	\$166.50 ea.	64 lbs
#3106	8mil x 7500' (12" Spacing 0.34 flow)	\$172.10	\$163.90 ea.	65 lbs



Flow listed is GPM per 100 feet.



Flow Control Compensating Drip Tape

A new drip to be used on field with varied elevations.
More uniform output when elevation varies in row.
16 or more.

#3110	8mil x 7500' (12" Spacing .45 flow)	\$205.38	\$195.60	65 lb.
#3111	8mil x 7500' (6" Spacing .67 flow)	\$205.38	\$195.60	65 lb.

Toro Aqua-Traxx FC gives you uniform output regardless of elevation changes. So now you can adjust the amount of water you give your plants on hilly terrain, and they'll all receive the same amount through our uniform delivery system.



Aqua-Traxx FC is one of the best pressure compensating tape on the market today and the only economical micro-irrigation alternative to sprinklers in undulating terrain.

TORO Flow 0.5 GPM/100' 8" Spacing



Great for small gardens and berry patches

#3001	8 mil x 2000'	\$67.70 ea.	13 lb.
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Garden Irrigation Kit

Perfect for your garden or high tunnel. Just connect your garden hose then open your faucet and irrigates the whole garden. Consists of 35' headerline, 2,000' drip tape, 10 fittings for headerline to tape, punch and hardware.

#3428	\$130.25 ea.	22 lb.
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Toro Ag Irrigation Products

Oval Hose Flatube

Oval Hose is a lightweight and economical tubing designed to be used for headlines and laterals on drip irrigation and micro-sprinkler systems. Use with insert fittings and clamps.

We recommend using Oval Hose instead of Layflat for header line in drip.

Reasons:

- Insert fittings connect easier with less leakage.
- Fittings cost less.
- Oval Hose costs less than Layflat.

Drip tape fittings are easy to install in Oval Hose headers - Drip-lock fittings are punched in with just one step.



Part #	ROLL SIZE	MAX PSI	PRICE	WEIGHT
#3009	2" x 450' Coil	21 PSI	\$167.40	70 lb.
#3010	2" x 150' Coil	21 PSI	\$66.50	24 lb.
#3011	1½" x 300' Coil	21 PSI	\$95.00	28 lb.
#3012	1½" x 150' Coil	21 PSI	\$52.60	15 lb.
#3013	1" x 250' Coil	53 PSI	\$60.75	24 lb.
#3014	1" x 100' Coil	53 PSI	\$31.50	11 lb.

Orchard Tubing Round Hose

- Strong durable poly hose that adapts to many uses. This is a lateral distribution and supply hose for inline drippers, weighted drip tubes and or micro sprinkler. Is being used a lot for mums!
- Linear low density polyethylene hose manufactured from the highest grade of polyethylene resins
- Tough and durable-long life
- Available in a wide range of diameters, coil lengths and working pressures
- High manufacturing quality control standards
- Dependable performance for agriculture and landscaping

#3015	½" x 500' coil	\$47.60 ea.	18 lb.
#3016	½" x 1000' coil	\$90.90 ea.	41 lb.
#3026	¾" x 100' coil	\$22.45 ea.	7 lb.
#3017	¾" x 500' coil	\$66.25 ea.	26 lb.
#3018	¾" x 1000' coil	\$133.70 ea.	52 lb.

See page 60 for fittings



BLUELINE

PREMIUM PRESSURE COMPENSATING DRIP-

A heavy duty drip hose to be used on all permanent crops.

#3020	½" x 1000' 18" spacing	\$155.50 ea.	41 lb.
#3028	½" x 1000' 24" spacing	\$141.10 ea.	41 lb.

Plastic Spin Filters Y-Model

Features & Benefits:

- Constructed of the highest quality plastics for durability and corrosion resistance
- Easy element access for trouble-free maintenance
- 1/2" male thread outlet w/cap for quick flush cleaning
- Working pressure range 5-142 psi - Flow rate 5-80 gpm



#3115	¾"	\$20.30 ea.	1 lb.
#3116	1"	\$14.90 ea.	1 lb.
#3117	1½"	\$18.75 ea.	1 lb.

Replacement Screen - Fits ¾" through 1½"

#3120	\$7.10 ea.	.2 lb.
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O-Ring for Main Body

#3122	\$2.15 ea.	.2 lb.
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2" Disc Clean Filter

Specially designed disc rings provide greater surface area resulting in a longer time between cleanings, less filter maintenance, and extended product life.

#3119	\$248.90 ea.	1.7 lb.
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O-Ring for Main Body

#3123	\$3.20 ea.	.2 lb.
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WX10 MINI PUMP

Lightweight aluminum pump. 40 gal. per minute capacity. Handy pump for high tunnel or just pressurize water to water by hand. Includes 16 ft. 1" suction and garden hose adapter.

#3301	\$507.25 ea.	15 lb.
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WX15 2.5 HORSE PUMP

Another lightweight aluminum pump. 72 gal. per minute capacity with 54 PSI up to 16 ft. lift on suction hose. Self priming. (1½".)

#3302	\$575.60 ea.	24 lb.
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WH20X 5 HORSE PUMP

Heavy duty aluminum pump. 132 gal. per minute capacity with 54 PSI up to 16 ft. Lift. Self priming. Irrigates up to 3 acres at a time. (2".)

#3303	\$841.25 ea.	60 lb.
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#3310	Mechanical Seal	\$151.45 ea
#3311	Pump Housing	\$375.70 ea.

HONDA

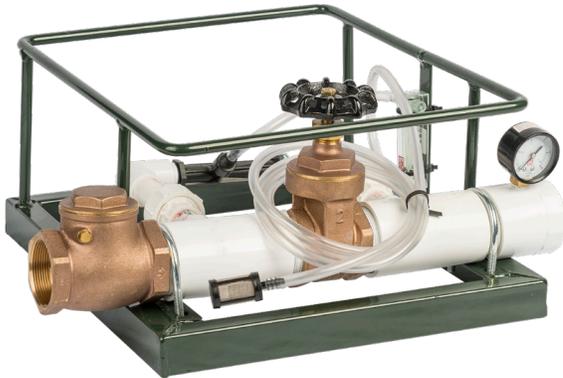


MIXRITE WITH 2" BYPASS

Fully assembled injector unit to be used in 2" systems. Works well in low flow rate situations where Mazzei injectors don't work.

#1750	\$474.55 ea.	12 lb.
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Field Injector and Parts



9 HORSE HONDA MONARCH PUMP

Heavy duty self priming cast iron pump with stainless steel seal for consistent irrigation needs and Honda motor. 150 gal. per minute.

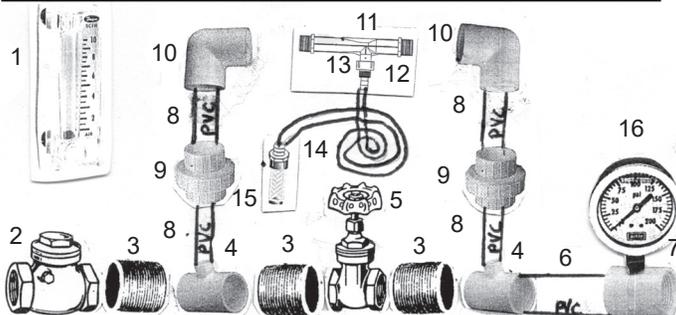
#3308	\$2285.30 ea.
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COMPLETE UNITS

Includes: Injector unit with bypass mainline, 8' suction hose, (GPH) flowmeter, metering valve, back flow check valve, main line control valve, pressure gauge and stand. FIPT In & Out.

#3823	1½" Unit with #584 Injector	\$289.50 ea	24 lb.
#3824	2" Unit with #584 Injector	\$326.05 ea.	24 lb.

PARTS DIAGRAM



PARTS (SEE DIAGRAM)

1½"	2"	Item #		1½"	2"	
#3801	#3801	1	Flow Meter	\$95.20	\$95.20	.1 lb.
#3802	#3803	2	Brass Check Valve	\$28.55	\$42.30	2 lb.
#3804	#3805	3	Nipple	\$3.40	\$4.40	.2 lb.
#3806	#3807	4	Insert Reducer Tee	\$4.45	\$4.40	.4 lb.
#3808	#3809	5	Brass Gate Valve	\$39.25	\$59.75	3 lb.
#3810	#3811	6	PVC Connector	\$0.60	\$0.60	.2 lb.
#3812	#3813	7	Insert x Thread for Gauge	\$1.60	\$2.20	.3 lb.
#3814	#3814	8	PVC Connector	\$0.40	\$0.40	.1 lb.
#3815	#3815	9	Insert Union	\$2.40	\$2.40	.2 lb.
#3816	#3816	10	Insert x Thread Elbow	\$1.30	\$1.30	.1 lb.
#3817	#3817	11	584	\$41.90	\$41.90	.2 lb.
#3818	#3818	12	584 Check Valve	\$9.30	\$9.30	.2 lb.
#3819	#3819	13	584 Cap	\$6.00	\$6.00	.2 lb.
#3820	#3820	14	¼" Clear Hose 6' long	\$2.15	\$2.15	.4 lb.
#3821	#3821	15	Screen	\$11.05	\$11.05	.3 lb.
#3822	#3822	16	Gauge	\$4.15	\$4.15	.3 lb.

IRRIGATION HOSE AND PIPE

SUN-FLOW LAYFLAT General Purpose Water Discharge Hose



Sun-flow is a lightweight, tough and economical water discharge hose great for mains or for header lines. It is very popular because of long length. It will not rot or mildew and coils flat for easy storage. The most economical way to get a volume of water to the field.

PART #	ROLL SIZE	MAX PSI	PRICE	WEIGHT
#3401	1½" X 300' Blue	80 PSI	\$122.75	59 lb.
#3402	2" X 300' Blue	80 PSI	\$141.15	74 lb.
#3403	3" X 300' Blue	70 PSI	\$325.15	
#3404	2" x 300' Red	150 PSI	\$434.75	
#3405	3" x 300' Red	150 PSI	\$852.70	

TIGERFLEX SERIES "J" SUCTION HOSE

We will cut to any length.



PART #		CUSTOM CUT
#3418	1"	\$1.40 per foot
#3410	1½"	\$1.95 per foot
#3411	2"	\$3.10 per foot
#3412	3"	\$5.30 per foot



Semi Auto Filter from Amiad. If pressure drops more than 7 psi, a red button pops up to visually tell you the filter needs cleaned. Cleanout is a simple process, just turn the handle. 2" inlet - outlet.

#3121	\$484.40	22 lbs
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Replacement Filter

#3419	\$57.75
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New innovative self cleaning filter. This filter has a controller and pressure sensors on inlet & outlet and will automatically clean itself in 10 sec.
Approx 120 GPM Max
Approx. 20 PSI Min.
2" inlet + outlet



#3320	\$2034.15
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TRITON

High Rate Sand Filters

Clean water is a critical part of trickle irrigation. When using pond or stream water, you must use a filter. Our sand filter is trouble free and easy to use. Available with back flush valves on all models.

° Based on 20 GPM per Sq. Ft.
+ Media Required To Meet NSF Requirements:

- Pea Gravel To Be 1/8" to 1/4" dia.

* Sand to be No. 20 Standard Silica (Uniformity Coefficient Not Greater Than 1.75) .018 - .022" Particle Size



#3426

FILTER OPERATIONAL DATA

Model No.	Filter Area (Sq. Ft.)	Flow Rate (GPM)	Turnover (Gallons)			Pea Gravel & Sand		All Sand (lbs)
			6 Hrs	8 Hrs	10 Hrs	Pea Gravel (lbs)	Sand (lbs)	
TR50	2.46	49	17,640	23,520	29,400	70	130	200
TR60	3.14	63	22,680	30,240	37,800	100	160	250
TR100	4.91	98	35,280	47,040	58,800	175	400	575
TR140	7.06	141	50,760	67,680	84,600	250	500	750

#3424	TR 60GPM	\$1029.70	
#3425	TR 100GPM	\$1486.10	
#3426	Back Flush Valve	\$261.60	9 lb.
#3427	Sand - 50# Bag	\$17.00	51 lb.

SPRINKLERS



KOMET GUN

Connects to 1½" FIPT. Diameter range 140' to 200'.

#3306 \$213.40 ea. 3.8 lb.



GUN STAND

Adjustable 4 leg, extends to 6 ft. tall. Foldable for easy moving.

#3307 \$154.55 ea. 25 lb.



NAAN 5035 SPRINKLER

A plastic sprinkler for gardens, orchards, field crops, or nurseries. Attaches to garden hose or main line. ¾" male thread. Standard nozzle is 35PSI - 85' Diameter - 7 gpm

#3305 \$21.15 ea. 0.3 lb.

ALUMINUM RISER

36" long riser with 1" male and ¾" female for sprinklers.

#3309 \$29.35 ea. 1 lb.



DRAMM COLORSTORM SPINNING SPRINKLER

Delivers a beautiful water pattern and is designed to work great with low water pressure. Works equally well with higher pressure systems. 38' diameter. Sprinkler color may vary.



#3321 \$20.00 ea. 1 lb.



IMPACT SPRINKLER

Durable metal sprinkler with various settings. Approx. 38' diameter.

#3304 \$21.70 ea. 1 lb.

PRESSURE REGULATORS



PART #	SIZE	IN OUT	PRESSURE	FLOW RANGE	PRICE	WEIGHT
#3413	¾"	FIPT x FIPT	15 & 20	½ - 15 GPM	\$16.45	.3 lb.
#3414	¾"	garden hose Thd.	12 lbs.	8 GPM	\$14.10	.3 lb.
#3415	1"	FIPT x FIPT	15 & 20	2 - 20 GPM	\$17.85	.3 lb.
#3416	1½"	MIPT x MIPT	15 & 20	7-35	\$40.45	.6 lb.
#3417	2"	FIPT x FIPT	15 & 20	25 - 120 GPM	\$175.25	7.5 lb.

BRASS FITTINGS

BRASS GARDEN WYE



Dual Shutoff Valves with Swivel connection for faucet.

#3508 \$23.60 ea. .5 lb.

BRASS 4-WAY FOR GARDEN HOSE

Hi Flo Brass 4-Way with valves and swivel connection for faucet.



#3520 \$46.30 ea. 1 lb.



¾" Female Garden Thread x ¾" Female Pipe Thread (Swivel)

#3730 \$4.50 ea.
5 per lb.



¾" Female Garden Thread x ¾" Female Garden Thread (Swivel)

#3731 \$3.70 ea.
10 per lb.



¾" Male Garden Thread x ¾" Male Pipe Thread

#3732 \$3.25 ea.
5 per lb.



¾" Female Garden Thread x ¾" Male Pipe Thread

#3733 \$2.85 ea.
5 per lb.

PIPE COMPOUND

Blue Magic industrial grade leak-proof seal for pipe threads.

#5620 ½ pt. \$16.55 1.7 lb.



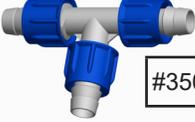
TEFLON TAPE

Pipe thread tape.

#5621 ½" x 260" \$0.45 .1 lb.



DRIP TAPE FITTINGS

DRIP X FLATUBE  .40" Barb x Drip-lock <table border="1" data-bbox="110 275 483 317"> <tr> <td>#3501</td> <td>\$0.45 ea.</td> <td>48 per lb.</td> </tr> </table>	#3501	\$0.45 ea.	48 per lb.	420 VALVE (TORO)  .40" Barb with locknut for Flatube x Tape Loc with Valve <table border="1" data-bbox="576 289 976 331"> <tr> <td>#3502</td> <td>\$1.45 ea.</td> <td>20 per lb.</td> </tr> </table>	#3502	\$1.45 ea.	20 per lb.	420 VALVE (PARAPLAST)  .40" Barb w/locknut for Flatube x Tape Loc w/ valve (knob handle) <table border="1" data-bbox="1079 296 1463 338"> <tr> <td>#3503</td> <td>\$3.10 ea.</td> <td>12 per lb.</td> </tr> </table>	#3503	\$3.10 ea.	12 per lb.
#3501	\$0.45 ea.	48 per lb.									
#3502	\$1.45 ea.	20 per lb.									
#3503	\$3.10 ea.	12 per lb.									
DRIP X DRIP  Drip-Lock Coupling <table border="1" data-bbox="115 485 500 527"> <tr> <td>#3504</td> <td>\$0.55 ea.</td> <td>24 per lb.</td> </tr> </table>	#3504	\$0.55 ea.	24 per lb.	DRIP X DRIP WITH VALVE  Drip-lock Coupling with Valve <table border="1" data-bbox="634 506 1029 548"> <tr> <td>#3505</td> <td>\$1.30 ea.</td> <td>16 per lb.</td> </tr> </table>	#3505	\$1.30 ea.	16 per lb.	DRIP ELBOW  Drip-lock Ell <table border="1" data-bbox="1166 495 1565 537"> <tr> <td>#3506</td> <td>\$1.80 ea.</td> <td>20 per lb.</td> </tr> </table>	#3506	\$1.80 ea.	20 per lb.
#3504	\$0.55 ea.	24 per lb.									
#3505	\$1.30 ea.	16 per lb.									
#3506	\$1.80 ea.	20 per lb.									
TAPE END PLUG  Drip lock x plug with loop. <table border="1" data-bbox="151 695 521 737"> <tr> <td>#3507</td> <td>\$0.65 ea.</td> <td>42 per lb.</td> </tr> </table>	#3507	\$0.65 ea.	42 per lb.	DRIP X MALE  1/2" Male x Drip-lock <table border="1" data-bbox="654 695 1016 737"> <tr> <td>#3510</td> <td>\$0.90 ea.</td> <td>32 per lb.</td> </tr> </table>	#3510	\$0.90 ea.	32 per lb.	DRIP TEE  Drip-lock Tee <table border="1" data-bbox="1227 684 1572 726"> <tr> <td>#3509</td> <td>\$1.05 ea.</td> <td>18 per lb.</td> </tr> </table>	#3509	\$1.05 ea.	18 per lb.
#3507	\$0.65 ea.	42 per lb.									
#3510	\$0.90 ea.	32 per lb.									
#3509	\$1.05 ea.	18 per lb.									
DRIP X HOSE END  3/4" Garden x Drip-lock <p>Here is a simple fitting to connect the garden hose to drip line if you want to try drip irrigation in the garden, flower bed, etc.</p> <table border="1" data-bbox="151 919 509 961"> <tr> <td>#3513</td> <td>\$1.95 ea.</td> <td>20 per lb.</td> </tr> </table>	#3513	\$1.95 ea.	20 per lb.	DRIP X MALE WITH VALVE  Drip x 1/2" male with valve. <table border="1" data-bbox="732 894 1044 936"> <tr> <td>#3511</td> <td>\$1.95 ea.</td> <td>16 per lb.</td> </tr> </table>	#3511	\$1.95 ea.	16 per lb.	DRIP X MALE WITH VALVE  Drip x 3/4" male with valve. <table border="1" data-bbox="1243 894 1555 936"> <tr> <td>#3512</td> <td>\$1.95 ea.</td> <td>14 per lb.</td> </tr> </table>	#3512	\$1.95 ea.	14 per lb.
#3513	\$1.95 ea.	20 per lb.									
#3511	\$1.95 ea.	16 per lb.									
#3512	\$1.95 ea.	14 per lb.									
FLATUBE GOOF PLUG  Plug for .40" Hole in Flatube <table border="1" data-bbox="118 1104 509 1146"> <tr> <td>#3514</td> <td>\$0.40 ea.</td> <td>100 per lb.</td> </tr> </table>	#3514	\$0.40 ea.	100 per lb.	GARDEN WYE  3/4" FHT X 3/4" MHT X MHT WYE with Shut off <table border="1" data-bbox="675 1146 1044 1188"> <tr> <td>#3516</td> <td>\$5.45 ea.</td> <td>12 per lb.</td> </tr> </table>	#3516	\$5.45 ea.	12 per lb.	FLATUBE PUNCH  .40 & .42 Punch for Flatube <table border="1" data-bbox="1138 1146 1507 1188"> <tr> <td>#3517</td> <td>\$18.20 ea.</td> <td>5 per lb.</td> </tr> </table>	#3517	\$18.20 ea.	5 per lb.
#3514	\$0.40 ea.	100 per lb.									
#3516	\$5.45 ea.	12 per lb.									
#3517	\$18.20 ea.	5 per lb.									
1/2 INCH ORCHARD TUBE FITTINGS		DELUXE FLATUBE PUNCH									
 1/2" Easy Loc Coupling with shut off valve <table border="1" data-bbox="134 1335 521 1377"> <tr> <td>#3540</td> <td>\$1.50 ea.</td> <td>15 per lb.</td> </tr> </table>	#3540	\$1.50 ea.	15 per lb.	 Pro-Loc 1/2" Orchard Tube x 3/4" Male with Valve <table border="1" data-bbox="626 1377 1013 1419"> <tr> <td>#3542</td> <td>\$1.05 ea.</td> <td>15 per lb.</td> </tr> </table>	#3542	\$1.05 ea.	15 per lb.	0.40 punch for flatube that inserts 420 valve (Toro) at the same time that you punch the hole. <table border="1" data-bbox="1219 1377 1536 1419"> <tr> <td>#3518</td> <td>\$40.30 ea.</td> <td>5 per lb.</td> </tr> </table>	#3518	\$40.30 ea.	5 per lb.
#3540	\$1.50 ea.	15 per lb.									
#3542	\$1.05 ea.	15 per lb.									
#3518	\$40.30 ea.	5 per lb.									
 1/2" Easy Loc Coupling <table border="1" data-bbox="126 1451 516 1493"> <tr> <td>#3541</td> <td>\$0.65 ea.</td> <td>20 per lb.</td> </tr> </table>	#3541	\$0.65 ea.	20 per lb.	ORCHARD TUBE FITTINGS							
#3541	\$0.65 ea.	20 per lb.									
HOSE COUPLINGS WITH VALVE  3/4" Easy Loc Coupling with shut off valve <table border="1" data-bbox="175 1661 500 1703"> <tr> <td>#3524</td> <td>\$4.45 ea.</td> <td>6 per lb.</td> </tr> </table>	#3524	\$4.45 ea.	6 per lb.	HOSE WITH THREADED END CAP  3/4" Easy Loc x 3/4" Male Hose Thread w/ cap <table border="1" data-bbox="643 1661 1029 1703"> <tr> <td>#3525</td> <td>\$1.95 ea.</td> <td>14 per lb.</td> </tr> </table>	#3525	\$1.95 ea.	14 per lb.	EASY LOCK ELBOW  3/4" Easy Loc Elbow <table border="1" data-bbox="1235 1650 1555 1692"> <tr> <td>#3526</td> <td>\$3.20 ea.</td> <td>10 per lb.</td> </tr> </table>	#3526	\$3.20 ea.	10 per lb.
#3524	\$4.45 ea.	6 per lb.									
#3525	\$1.95 ea.	14 per lb.									
#3526	\$3.20 ea.	10 per lb.									
HOSE COUPLINGS  3/4" Easy Loc Coupling <table border="1" data-bbox="167 1839 505 1881"> <tr> <td>#3527</td> <td>\$2.30 ea.</td> <td>10 per lb.</td> </tr> </table>	#3527	\$2.30 ea.	10 per lb.	HOSE X MALE ADAPTER  3/4" Easy Loc x 3/4" Male Pipe Thread <table border="1" data-bbox="719 1839 1044 1881"> <tr> <td>#3528</td> <td>\$1.50 ea.</td> <td>16 per lb.</td> </tr> </table>	#3528	\$1.50 ea.	16 per lb.	EASY LOC TEE  3/4" Easy Loc Tee <table border="1" data-bbox="1243 1839 1560 1881"> <tr> <td>#3529</td> <td>\$4.80 ea.</td> <td>8 per lb.</td> </tr> </table>	#3529	\$4.80 ea.	8 per lb.
#3527	\$2.30 ea.	10 per lb.									
#3528	\$1.50 ea.	16 per lb.									
#3529	\$4.80 ea.	8 per lb.									
 3/4" Easy Loc x 3/4" Easy Loc x 3/4" Female <table border="1" data-bbox="220 1976 537 2018"> <tr> <td>#3530</td> <td>\$2.90 ea.</td> <td>8 per lb.</td> </tr> </table>	#3530	\$2.90 ea.	8 per lb.	 3/4" Easy Loc x 3/4" Male Pipe Thread with Valve <table border="1" data-bbox="724 1965 1068 2007"> <tr> <td>#3531</td> <td>\$5.00 ea.</td> <td>8 per lb.</td> </tr> </table>	#3531	\$5.00 ea.	8 per lb.	ORCHARD TUBE GOOF PLUG  3.5 mm plug for dripper or emitter holes. <table border="1" data-bbox="1122 1986 1539 2028"> <tr> <td>#3515</td> <td>\$0.50 per 10</td> <td>200 per lb.</td> </tr> </table>	#3515	\$0.50 per 10	200 per lb.
#3530	\$2.90 ea.	8 per lb.									
#3531	\$5.00 ea.	8 per lb.									
#3515	\$0.50 per 10	200 per lb.									

Insert Fittings on this page are made of blue-grey PVC. They can be used with Layflat suction hose and black poly pipe. Use with Stainless or Super Clamps.

MALE ADAPTER

Insert X Male



#3601	½"	\$0.85 ea.	
#3602	¾"	\$1.00 ea.	
#3603	1"	\$1.05 ea.	
#3604	1½"	\$1.85 ea.	
#3605	2"	\$3.40 ea.	
Steel #3606	3"	\$8.30 ea.	2.2 lb.

FEMALE ADAPTER

Insert X Female



#3607	½"	\$3.70 ea.
#3608	¾"	\$4.00 ea.
#3609	1"	\$4.45 ea.
#3610	1½"	\$6.90 ea.
#3611	2"	\$11.20 ea.
#36100	3"	\$53.50 ea.

COUPLING

Insert X Insert



#3625	½"	\$0.85 ea.	
#3626	¾"	\$1.00 ea.	
#3627	1"	\$1.05 ea.	
#3628	1½"	\$1.85 ea.	
#3629	2"	\$3.35 ea.	
#3630	3"	\$9.20 ea	2 lb. Steel

90° ELL

Insert X Insert



#3617	½"	\$1.65 ea.
#3618	¾"	\$2.05 ea.
#3619	1"	\$2.25 ea.
#3620	1½"	\$2.95 ea.
#3621	2"	\$3.95 ea.
#36101	3"	\$55.90 ea.

PLUG

Insert Plug



#3622	1"	\$2.10 ea.
#3623	1½"	\$2.95 ea.
#3624	2"	\$4.95 ea.

REDUCING COUPLING

Insert X Insert



#3762	1 x ½"	\$1.10 ea.
#3763	1" x ¾"	\$1.45 ea.
#3638	1" x 1½"	\$1.85 ea.
#3639	1½" x ¾"	\$3.50 ea.
#3640	2" x 1"	\$4.80 ea.
#3641	2" x 1½"	\$4.25 ea.
#3642	3" x 2"	\$29.30 ea.

NIPPLES



#3631	¾"	\$0.55
#3632	1"	\$0.80
#3633	1½"	\$2.10
#3634	2"	\$2.70

REDUCING TEE

Insert X Insert X Female



#3752	1" x 1" x ¾"	\$4.20 ea.
#3635	1½" x 1½" x ¾"	\$7.65 ea.
#3750	1½" x 1½" x 1"	\$9.80 ea.
#3636	2" x 2" x ¾"	\$9.15 ea.
#3637	2" x 2" x 1"	\$10.05 ea.
#36103	3" x 3" x 2" ^{Barbed Tee}	\$67.85 ea.

THREADED FEMALE COUPLINGS



#3643	¾"	\$1.30 ea.
#3644	1"	\$1.70 ea.
#3645	1½"	\$10.80 ea.
#3646	2"	\$12.80 ea.

REDUCING NIPPLE



#3747	1" x ¾"	\$2.50
#3748	1½" x ¾"	\$3.10
#3749	1½" x 1"	\$3.40

COMBINATION TEE

Insert X Insert X FIPT



#3757	¾" x ¾" x ¾"	\$3.75
#3756	1" x 1" x 1"	\$6.00
#3755	1½" x 1½" x 1½"	\$11.50
#3754	2" x 2" x 2"	\$14.50

THREADED REDUCER BUSHING



#3649	¾" x ¼"	\$1.60 ea.
#3650	¾" x ½"	\$1.60 ea.
#3651	1" x ¾"	\$2.30 ea.
#3652	1½" x 1½"	\$4.10 ea.
#3653	1½" x ¾"	\$4.10 ea.
#3654	1½" x 1"	\$4.10 ea.
#3655	2" x 1"	\$17.55 ea.
#3656	2" x 1½"	\$4.40 ea.
#3657	2" x ¾"	\$17.55 ea.

STEEL FITTINGS



#3721	3" x 2" Reducer Bushing	\$17.45 ea.	2.2 lb.
#3722	3" x 2½" Reducer Bushing	\$18.50 ea.	1.8 lb.
#3723	2" Female Coupling	\$9.20 ea.	.5 lb.
#3724	3" Female Coupling	\$35.40 ea.	3.5 lb.
#3726	2" Threaded Elbow	\$12.65 ea.	1.8 lb.
#3727	3" Threaded Elbow	\$43.35 ea.	4.8 lb.
#3728	2" Nipple	\$4.85 ea.	.8 lb.
#3729	2½" Nipple	\$14.55 ea.	1 lb.
#3735	3" Nipple	\$15.70 ea.	1.5 lb.

TEE Insert X Insert X Insert



#3612	½"	\$1.80 ea.
#3613	¾"	\$1.95 ea.
#3614	1"	\$2.55 ea.
#3615	1½"	\$4.50 ea.
#3616	2"	\$8.55 ea.
#36102	3"	\$60.40 ea.

CLAMPS - GAUGES - VALVES - COUPLINGS

ALL STAINLESS STEEL CLAMPS



#5647	1/2"	\$0.95 ea.	.5 lb. per 10
#5648	3/4"	\$0.95 ea.	.5 lb. per 10
#5649	1"	\$1.00 ea.	.5 lb. per 10
#5650	1 1/2"	\$1.00 ea.	.6 lb. per 10
#5651	2"	\$1.05 ea.	.6 lb. per 10
#5658	3"	\$1.35	.8 lb per 10

SINGLE BOLT SUPER CLAMPS



#5652	#40 - 43	1 1/2" Layflat	\$1.85	.2 lb.
#5653	#44 - 47	1 1/2" Suction	\$2.30	.3 lb.
#5654	#52 - 56	2" Layflat	\$2.70	.3 lb.
#5655	#60 - 63	2" Suction	\$2.50	.3 lb.
#5656	#74 - 79	3" Layflat	\$3.05	.4 lb.
#5657	#80 - 85	3" Suction	\$3.85	.4 lb.

PRESSURE GAUGES



2" Dust Proof Gauge. 1/4" Brass Connection.

#5635	0-30 PSI	\$5.20	.2 lb.
#5636	0-60 PSI	\$4.95	.2 lb.
#5637	0-100 PSI	\$4.95	.2 lb.

GAUGES ON A STICK



A 12" stake for your gauge. Connected is a 24" tube with a 3/16" barb to use in Flatube header lines.

#5644	Gauge & Stick	\$7.70	.4 lb.
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BRASS SWING CHECK VALVES



#5630	1"	\$14.45 ea.	.8 lb.
#5631	1 1/2"	\$28.55 ea.	1.8 lb.
#5632	2"	\$42.00 ea.	2.5 lb.

PVC BALL VALVES (WITH EASY CLOSE HANDLE)



#5659	1/2"	\$1.75 ea.	
#5622	3/4"	\$3.05 ea.	.3 lb.
#5623	1"	\$4.10 ea.	.5 lb.
#5624	1 1/2"	\$9.10 ea.	.8 lb.
#5625	2"	\$11.20 ea.	1.2 lb.
#5626	3"	\$59.25 ea.	2 lb

ROUND HOLE STEEL STRAINERS



#5645	2"	\$9.85	1.8 lb.
#5646	3"	\$14.55	2.7 lb.



ALUMINUM QUICK COUPLINGS

	A		B		C		D		E		F	
1.5"	#3658	\$3.80 ea	#3661	\$9.30 ea	#3664	\$9.70 ea	#3667	\$9.55 ea	#3670	\$4.60 ea	#3673	\$4.95 ea
2"	#3659	\$4.60 ea	#3662	\$10.80 ea	#3665	\$11.50 ea	#3668	\$11.40 ea	#3671	\$6.75 ea	#3674	\$6.50 ea
3"	#3660	\$9.15 ea	#3663	\$17.65 ea	#3666	\$20.50 ea	#3669	\$18.90 ea	#3672	\$12.30 ea	#3675	\$13.35 ea

POLY QUICK COUPLINGS

	A		B		C		D		E		F	
3/4"	#3676	\$2.90 ea	#3680	\$9.00 ea	#3684	\$9.10 ea	#3688	\$9.80 ea	#3692	\$2.45 ea	#3696	\$2.45 ea
1"	#3677	\$3.30 ea	#3681	\$9.40 ea	#3685	\$9.65 ea	#3689	\$10.20 ea	#3693	\$3.65 ea	#3697	\$3.40 ea
1.5"	#3678	\$5.10 ea	#3682	\$14.45 ea	#3686	\$14.45 ea	#3690	\$15.65 ea	#3694	\$5.40 ea	#3698	\$5.20 ea
2"	#3679	\$6.10 ea	#3683	\$17.30 ea	#3687	\$15.70 ea	#3691	\$17.90 ea	#3695	\$5.60 ea	#3699	\$5.60 ea

GASKETS FOR QUICK COUPLINGS



#3736	3/4"	\$1.65 ea	#3647	1 1/2"	\$2.25 ea	#3765	3"	\$2.85
#3737	1"	\$1.80 ea	#3648	2"	\$2.45 ea			

ROW COVERS AND WIRE HOOPS

Dewitt Floating Crop Cover

Clear or green (rather than black) plastic mulch is recommended underneath Dewitt for early spring plantings, since they put more heat into the soil through the daytime which keeps the temperature from dropping so rapidly at night.

These nonwoven, polypropylene fabrics were horticulturally designed to serve many needs in crop protection. They are soft, easy to handle, UV stable, and porous to air, light and water.

Dewitt's thermal and windbreak properties ensure its field performance. Dewitt provides protective advantages to specific high-value crops. Fruit and vegetable growers, and nurserymen depend on Dewitt as a management tool to prevent losses from adverse weather and to provide an earlier harvest or an extended harvest in the fall.



LIGHT FLOATING CROP COVER

A lighter cover that is preferred for insect protection or sweet corn in the spring.

Part #	Pro17 .55 oz/sq. yd.	Price	
#3219	7' x 500'	\$51.35 ea.	14 lb.
#3223	14' x 100'	\$27.75 ea.	
#3220	14' x 500'	\$162.80 ea.	
#3221	20' x 1000'	\$343.45 ea.	
#3222	50' x 1000'	\$933.80 ea.	
	Special Order Sizes	\$0.030 per sq ft	

SAND BAGS

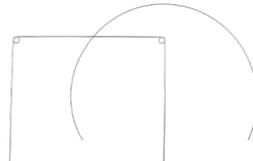


Strong bags made from ground cover. These should last many years. Fill with sand or gravel. Work well to hold down row cover. Ties included.

#3245	15" x 25"	\$0.50 ea.	13 lb. per 100
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WIRE HOOPS - Heavy Duty

PRECUT and PREBENT:
Space further apart and string tomato twine down loops to keep row cover from drooping.



#3246	76" round	\$72.10/100 bndl	59 lb.
#3247	30" square	\$15.05/10 bndl	70 lb.

SPRING STEEL HOOPS

Standard spring steel hoop for use with mechanical tunnel layers.

#3249	64" straight	\$37.70/100 bndl.	21 lbs
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MEDIUM FLOATING CROP COVER

Part #	Pro 34 1 oz./sq. yd.	Price	
#3201	7' x 100'	\$28.60 ea.	5.6 lb.
#3202	7' x 250'	\$55.65 ea.	12 lb.
#3203	7' x 500'	\$106.85 ea.	25 lb.
#3204	7' x 1000'	\$193.35 ea.	50 lb.
#3205	7' x 2000'	\$387.80 ea.	98 lb.
#3206	10' x 500'	\$140.85 ea.	35 lb.
#3207	14' x 100'	\$53.20 ea.	10 lb.
#3208	14' x 500'	\$257.40 ea.	
#3209	14' x 1000'	\$511.30 ea.	
#3210	20' x 1000'	\$647.05 ea.	
#3211	30' x 1000'	\$950.95 ea.	
#3212	39' x 800'	\$999.90 ea.	
#3213	50' x 500'	\$741.40 ea.	
	Special Order Sizes	\$0.045 per sq ft	

HEAVY FLOATING CROP COVER

Other sizes available on order only. This has the most frost protection of them all for crops such as strawberries in plasticultures.

Part #	Pro50 1.5 oz/sq. yd.	Price	
#3228	7' x 500'	\$146.80 ea.	38 lb.
#3231	14' x 100'	\$69.20 ea.	17 lb.
#3229	14' x 500'	\$351.10 ea.	
#3232	20' x 500'	\$494.30 ea.	
#3230	50' x 500'	\$1160.80 ea.	
	Special Order Sizes	\$0.065 per sq ft	

PERFORATED ROW COVER

This film keeps a very hot environment in early spring, acting as a mini-greenhouse 3/8" dia. punched holes provide a method of venting hot air. Clear 1.1mil polyethylene.

#3248	6' x 2000' - Clear	\$140.35	65 lbs
#3250	6' x 2000' - White	\$153.00	65 lbs

At Miller we've been solving the tough problems for growers for over 80 years. We develop products specifically engineered to deliver superior results, one crop at a time.



SOLUBLE FERTILIZERS - STANDARD

Code	Product	Package Size	Price Per Bag	Weight	Description
#3908 #3907	20-20-20 NUTRI-LEAF	25 lb. bag 5 lb. bag	\$41.55 ea. \$12.95 ea.	26 lb. 6 lb.	Standard N-P-K fertilizer for drip irrigation. Contains Micronutrients.
#3905	20-20-20 GREENHOUSE	25 lb. bag	\$48.60 ea.	26 lb.	Standard N-P-K fertilizer for drip irrigation. Contains Micronutrients.
#3910	12-48-8 SOL-U-GRO	25 lb. bag	\$49.30 ea.	26 lb.	Plant starter formula. Use in transplant water and initial drip feed.
#3909	9-15-30 NUTRI-CHEM	25 lb. bag	\$48.95 ea.	26 lb.	Med-High Potassium fertilizer. Maintains plant growth and fruit size.
#3920	4-2-41 CROP FINISHER	25 lb. bag	\$45.40 ea.	26 lb.	High Potassium fertilizer. Use in drip irrigation to size fruit.
#4011	16-4-13 SUPREME	25 lb. bag	\$84.35 ea.	26 lb.	Non-Produce Blend. Complete formulation with Calcium.
#3906	20-10-20	25 lb. bag	\$57.75 ea.	26 lb.	Non-Produce Blend. Flowers, Mums, Etc.
#3911	20-5-5	25 lb. bag	\$41.55 ea.	26 lb.	High Nitrogen supplement for drip irrigation.



N 4%
P 2%
K 41%
Mg ... 2%
S 11.77%
+ B, Cu, Fe, Mn, Mo, & Zn

Crop Finisher is a unique Potassium formulation new to the area. With EDTA chelated minor elements and added Magnesium, this soluble fertilizer is designed to provide the maximum nutrition required through drip irrigation for sizing and finishing fruit. Excellent choice for tomatoes, peppers, and cucurbit crops.

"Ask how Sugar Express can make your melons sweeter!"



All Nutrient Express Fertilizers Contain:

- NPK Base
- Micronutrient Package
- Sea Plant Extracts
- Amino Acids
- Carbohydrates
- Multi-vitamin Complement
- Transcuticular Delivery System



Nutrient Express fertilizers are a premium quality foliar blend, unique in the market and exclusive from Miller. They contain a broad range of components required for plant growth and development. Our complete water-soluble fertilizer is designed to be used on all crops to improve plant vigor and promote crop production.

SOLUBLE FERTILIZERS - NUTRIENT EXPRESS

Code	Product	Package Size	Price Per Bag	Weight	Description
#4013 #4012	4-10-40 SUGAR EXPRESS	25 lb. bag 5 lb. bag	\$111.75 ea. \$27.80 ea.	26 lb. 6 lb.	High Potassium Fertilizer for foliar application. Increases sugars in the fruit and improves shelf life.
#4004 #4003	4-41-27 NUTRIENT EXPRESS	25 lb. bag 5 lb. bag	\$165.50 ea. \$37.50 ea.	26 lb. 6 lb.	Season long foliar fertilizer of Phosphorus and Potassium. Great for supporting early fruit and plant development.
#3904 #3903	11-41-8 NUTRIENT EXPRESS	25 lb. bag 5 lb. bag	\$123.65 ea. \$28.85 ea.	26 lb. 6 lb.	Improved version of the 12-48-8 Sol-U-Gro. Added benefit of Mg, Vitamins, Amino Acids, and Kelp.
#4010 #4009	18-18-18 NUTRIENT EXPRESS	25 lb. bag 5 lb. bag	\$111.10 ea. \$27.25 ea.	26 lb. 6 lb.	Improved version of the 20-20-20 Nutri-Leaf. Added benefit of Mg, Vitamins, Amino Acids, and Kelp.

See label for more information or ask about our Crop Production Guides

At Miller, we genuinely care about farmers and your success. By delivering consistent results and enhanced value, we can help you achieve your greatest potential, year after year.



A HUBER COMPANY

Code	Product	Package Size	Price Per Jug	Weight	Description
#3921	CALFA	2.5 gal. jug	\$171.40 ea.	lb.	A soil and fertilizer additive for nutrient availability.
#3902 #3901	CHEMSHIELD	1 gal. jug 1 Qt.	\$56.90 ea. \$19.50 ea.	9.2 lb. 2.3 lb.	Spreader Sticker Adjuvant. Improves pesticide efficacy. Organic Approved by Washington State. Enhances foliar applications.
#4002	CYTOKIN	1 gal. jug	\$121.65 ea.	9.5 lb.	Growth Regulator. Foliar application to promote flower production.
#3922	SOLINE	1 gal. jug	\$105.35 ea.	9.5 lb.	All season plant growth regulator.
#3912	NU-FILM 17	1 gal. jug	\$61.20 ea.	8.4 lb.	Sticker Extender Adjuvant. Improves pesticide longevity.
#3916	SPRAY AIDE	1 gal. jug	\$56.00 ea.	9.8 lb.	Acidifier, Compatibility Agent, Tank Cleaner. Foliar or Drip Irrigation.
#4017	SULFORIX	2.5 gal. jug	\$74.70 ea.	9.5 lb.	Fungicide, Insecticide, and Miticide. Delayed Dormant Spray.
#3913	VAPOR GARD	1 gal. jug	\$68.00 ea.	8.4 lb.	Reduces transplant shock, Frost Protection, Anti-Transparent



Greenstim is a foliar nutritional supplement designed to promote root and plant growth during periods of environmental stress. This formulation provides relief from Cold Stress, Heat Stress, Water-Logged Soils, Hail Damage, and more.

Reduces physiological stress by increasing the availability and uptake of phosphorus and phosphate-bound calcium, iron, zinc, and magnesium. Improves soil nutrient availability and conditions necessary for root and overall plant growth.

LIQUID FERTILIZERS

Code	Product	Package Size	Price Per Jug	Weight	Description
#4008	CELL FORCE MAX 10% Cal	2.5 gal. jug	\$96.90 ea.	30.8 lb.	Foliar Calcium + Boron. Improves fruit set.
#4006 #4005	GREENSTIM 2-8-14	2.5 gal. jug 1 Qt.	\$208.65 ea. \$25.75 ea.	29.2 lb. 3.2 lb.	All-purpose Plant Health Promoter. Best used foliar at 1 Qt/A. K, Fe, Cu, Seaweed Extracts, Betaines, Phosphites, and more.
#4020	MILLERPLEX 3-3-3	1 gal. jug	\$66.25 ea.	9 lb.	Mix with soluble fertilizers. Kelp, Vitamins, and all the extras.
#4018	REFLECTIONS 30% Cal	2.5 gal. jug	\$52.70 ea.	31 lb.	Calcium supplement. Reduces sunscald on fruit.



"One product to correct all of your micronutrient deficiencies."

Mg 5.43%, B 0.50%, Co 0.05%, Cu 1.50%, Fe 4.00%, Mn 4.00%, Mo 0.10%, Zn 1.50%

Microplex is an EDTA chelated blend of eight micronutrients designed for maximum plant response in foliar or soil applications. Microplex is easy to handle, highly soluble in spray solutions & drip irrigation systems, and compatible with phosphate-based fertilizers.



Combine with Miller's brand 20-10-20 and Calcium Chelate for an optimal nutritional solution best suited for flower and mum production.



MICRONUTRIENTS

Code	Product	Package Size	Price Per Bag	Weight	Description
#3914	CALCIUM CHELATE 9.5%	5 lb. bag	\$41.30 ea.	6 lb.	Calcium for Drip Irrigation. Mix with standard solubles.
#4014	IRON DP	5 lb. bag	\$63.65 ea.	6 lb.	10% Iron Chelate for Drip Irrigation. Mix with standard solubles.
#4015	MAG-SI	5 lb. bag	\$63.00 ea.	6 lb.	5% Mg supplement. Supports fruit development.
#4007	MICROPLEX	5 lb. bag	\$45.35 ea.	6 lb.	Micronutrient supplement. Foliar or Drip Irrigation.

Plant Marvel

PLANT MARVEL FERTILIZER

A water soluble fertilizer to use in greenhouses and drip irrigation.

20-20-20

General Purpose

#5310	\$33.80 per 25 lbs.	26 lb.
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20-10-20

Great for flowers or mums.

#5311	\$35.10 per 25 lbs.	26 lb.
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12-45-10

Used to transplant.

#5312	\$37.05 per 25 lbs.	26 lb.
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16-3-16

Cal-Mag Special with multiple forms of iron.

#5316	\$33.50 per 25 lb. bag	26 lb.
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9-15-30

Crop finisher

#5313	\$35.10 per 25 lbs.	26 lb.
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18-6-18

An alternative to 20-10-20, a higher iron fertilizer.

#5314	\$35.10 per 25 lb. bag	26 lb.
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17-5-17

Used in greenhouse and on mums.

#5315	\$34.15 per 25 lb. bag	26 lb.
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JACK'S PROFESSIONAL WATER SOLUBLE FERTILIZER

Premier grade fertilizers formulated with highest quality components and manufacturing controls.

JACKS 20-10-20

Peat lite. Most popular all purpose fertilizer to use in greenhouse.

#5320	\$50.75 per 25 lbs.	26 lb.
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JACKS 20-20-20

General purpose fertilizer.

#5321	\$48.30 per 25 lbs.	26 lb.
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JACKS 20-03-19

Petunia feed. A high iron fertilizer that petunias like.

#5322	\$47.85 per 25 lbs.	26 lb.
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JACKS 10-30-20

Blossom booster. Use in time of bud set to increase blossoms and size.

#5323	\$58.55 per 25 lbs.	26 lb.
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JACKS 22-5-16

Mum feed

#5324	\$46.80 per 25 lbs.	26 lb.
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Mastercote Time Release Fertilizer

Use a small amount of Mastercote at the base of each plant when planting in your flower bed. Watch your flowers bloom all summer long.

#2415	2 lb. 13-13-13	\$4.00 ea.	3 lb.
#2418	50 lb. 13-13-13	\$70.85 ea.	51 lb.
#2419	50 lb. 18-6-12	\$71.30 ea.	51 lb.

Osmocote

Time Release Fertilizer.



#2416	50 lb. 14-14-14	\$106.80 ea.	51 lb.
#2417	1000 pc. 7.5 gram tablet	\$106.80 ea.	38 lb.

Nutri-K



Complexed liquid potassium with superior absorption. May be applied with Nutri-Cal. Improves fruit size and quality.

#4410	2½ gal.	\$62.05 ea.	31 lb.
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NUTRI-CAL



Naturally complexed calcium solution. This calcium ion is absorbed directly through the leaf and fruit cell walls immediately. 2-4 qts. per acre.

#4409	2½ gal.	\$54.60 ea.	31 lb.
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BioSafe Systems®



GREEN CLEAN PRO

Fast-acting water treatment tool that is effective against a variety of algae, bacteria, and fungi. Safe for use on crops.

#4340	50 lb. bag	\$100.75 ea.
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SANIDATE



SaniDate® 5.0

SaniDate extends shelf life and reduces spoilage. A chlorine alternative, leaves no residue.

#4316	2½ Gal. 5%	\$94.70 ea.
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SOS



SOS is a biological inoculum product for establishing populations of beneficial microbes. Works great for both hydroponic and soil applications.

#4341	1 gal	\$87.10 ea.	10 lb.
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SaniDate® 15.0

SaniDate 15 is higher concentration so you use less. See label for rates.

#4323	5 Gal. 15%	\$183.60 ea.
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This product cannot be shipped UPS.

SANIDATE TEST STRIPS

#4330	50 pcs.	\$20.60 ea.	.1 lb.
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OXIDATE 5.0

OxiDate® 5.0

Broad Spectrum Bactericide, Fungicide and Algaecide



OxiDate kills bacterial and fungal pathogens with 0 days to harvest. Apply as a curative or preventative. New OxiDate 5.0 has higher concentration for better results.

#4313	2½ Gal.	\$75.95 ea.
#4314	5 Gal.	\$151.90 ea.

This product cannot be shipped UPS.

OxiPhos®



OXIPHOS

OxiPhos kills bacteria and fungal pathogens like OxiDate does, but also gives you residual protection because of its systemic action.

#4411	2½ Gal.	\$170.80 ea.
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AZAGUARD

#4302	Qt	\$183.25 ea.
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AzaGuard's primary active ingredient is a highly concentrated 3% Azadirachtin formulation. Azadirachtin, a chemical compound belonging to the liminoid group, is formulated through an extraction process of the neem tree, mainly from the seeds that yield the purest form of the neem extract.

BioSafe Systems®



Spray pumpkins with Oxidate 5.0 before rain to help with Phytophthora

Use Green Clean Pro to keep irrigation pond free of algae

Use Oxidate 5.0 as a replacement for Terra Clean

HYDROGEN PEROXIDE

Helps prevent dampening off in greenhouse. Apply 7 oz. to 100 gal. in greenhouse. 35%.

#4405	1 gal.	\$15.10 ea.	9 lb.
#4403	15 gal	\$195.75 ea.	

FOOD GRADE PEROXIDE

35% peroxide with food grade label.

#4408	15 gal.	\$217.20 ea.
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Insecticides Approved for Organic Production

M-PEDE



An approved insecticidal soap to use for aphids or combine with our 100% Neem oil (as emulsifier) for other insects such as cucumber beetles.

#4110	2½ gal.	\$151.00 ea.	25 lb.
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NEEMIX 4.5 EC



Neemix 4.5 EC

INSECT GROWTH REGULATOR

A 4.5% Azadirachtin, this works well in ornamentals or vegetables for control of leafminers, whiteflies, aphids, etc.

#4119	Quart	\$237.45 ea.	25 lb.
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PYGANIC



An insecticide for rapid knockdown. Controls over 100 insects, with 0 days to harvest. Contains 5% Pyrethrins. 5-10 oz. per acre.

#4309	Qt.	\$165.80 ea.	3 lbs.
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DIPEL PRO DF



Biological insecticide that works well for cabbage loopers. Can be used for organic production.

#4318	1 lb.	\$19.30 ea.	1 lb.
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VENERATE



A bioinsecticide that is active against a wide variety of chewing and sucking insects, mites, aphids. Easy on beneficial insects.

#4335	2 1/2 Gal.	\$245.60 ea.	
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ENTRUST



An OMRI listed insecticide that works well on Colorado Potato Beetles. Active ingredient is spinosad.

#4109	Quart	\$576.55 ea.	2.5 lb.
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SIL-MATRIX

29% potassium silicate used in many applications for control of fungal disease and control of spider mites, aphids, and whiteflies.

#4122	2 1/2 Gal.	\$92.65 ea.	25 lb.
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SLUGGO

An OMRI-listed iron phosphate that works great on slugs.

#4114	50 lb. bag	\$165.60 ea.	51 lb.
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SURROUND

Kaolin clay helps protect young seedlings from flea beetles and other insects and transplant shock.

#4115	25 lb.	\$69.50 ea.	26 lb.
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NEEM OIL

100% Neem Oil has insecticidal and fungicidal properties. Also boosts plant defense.

#4111	Gallon	\$86.00 ea.	10 lb.
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DIATOMACEOUS EARTH

Diatomaceous earth kills slugs, beetles, aphids and many other insects. Also a good source of trace minerals for animals.

#4311	50 lb.	\$26.30 ea.	51 lb.
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Fungicides Approved for Organic Production

REGALIA



Derived from a tree, this product boosts plant immune system. Has shown to increase effectiveness of copper against fungal diseases.

#4112	2½ gal.	\$240.00 ea.	25 lb.
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CUEVA



Cueva™

LIQUID COPPER FUNGICIDE CONCENTRATE

A copper octanoate to control and prevent a broad spectrum of bacterial and fungal diseases. More user-friendly than most copper: 1-2 qt. per acre.

#4118	2½ gal.	\$132.45 ea.	26 lb.
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DOUBLE NICKLE LC



Double Nickel™ LC

BIOFUNGICIDE

A liquid formulation that can be used through drip for root diseases or foliar for bacterial disorders. 1 qt. per acre.

#4116	2½ gal.	\$205.25 ea.	25 lb.
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TRILOGY



Trilogy™

BOTANICAL FUNGICIDE/MITICIDE

Another tool in the box to control fungal diseases such as powdery and downy mildew, anthracnose, rust, botrytis, and alternaria. Clarified hydrophobic extract of neem oil.

#4117	2½ gal.	\$168.20 ea.	25 lb.
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STARGUS



An advanced biofungicide offering a sustainable mode of action to control downy mildew and many other fungal and bacterial diseases in many different crops.

#4336	2½ gal.	\$148.50 ea.	25 lb.
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BADGE X2



Fungicide/Bactericide

OMRI-listed copper with both greenhouse and outdoor label. Oxichloride 23.8%
Copper Hydroxide 21.4%

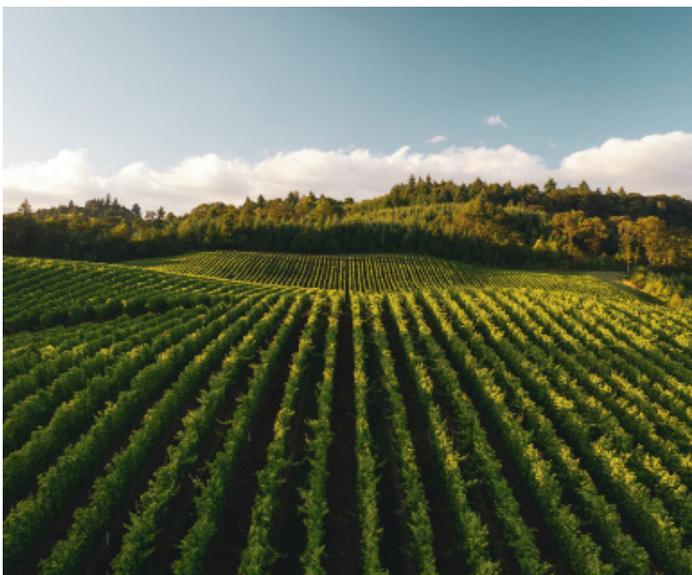
#4307	10 lb. bag	\$86.00 ea.	20 lb.
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ACTINOVATE



Biological fungus control suppresses and controls soil borne plant diseases such as Pythium, Rhizoctonia, Phytophthora, Verticillium, Fusarium, Thielaviopsis, and other foliar diseases such as Powdery Mildew, Botrytis, Sclerotinia, Alternaria rust and others. Labeled for field and greenhouse. 100% water soluble.

#4325	2 oz pkg	\$18.60 ea.	
#4326	18 oz. pkg.	\$112.30 ea.	1.3 lb.



FIRST AMENDMENT

First Amendment
The Perfect Soil Additive

Replacement for Actino Iron. Biological fungicide with iron and humic acid. Great to put in soils to help prevent diseases.

#4319	50 lb. bag	\$79.00 ea.	51 lb.
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KALIGREEN



82% Potassium bicarbonate - OMRI listed
Kaligreen is the gold standard for powdery mildew control. It controls on contact by disrupting the potassium ion balance in the powdery mildew fungus cell, which causes the pathogen's cell walls to collapse.

#4324	5 lb bag	\$62.15 ea.
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SERENADE ASO



Protects against the effects of soil and foliar bacterial and fungal diseases. Active ingredient: Bacillus subtilis

#4327	2.5 gal	\$102.60 ea.
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Products Approved For Organic Production

0-0-50 DIAMOND K ULTRA FINES

Water soluble potassium sulfate to use in drip or foliar applications.

#4105	50 lb.	\$53.00 ea.	50 lb.
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16-0-0 EXPLORER

A 100% water-soluble dry protein plant food containing 16% nitrogen. Good for vine crops and tomatoes. ½-1 lb. per acre

#4123	8 lb. bag	\$77.00 ea.	8.5 lb.
#4124	44 lb. bag	\$294.00 ea.	45 lb.

MAXI-CROP

A soluble seaweed powder that is loaded with auxins and cytokinins that naturally promote reproductive growth while at the same time feeding your soil biology. Use in drip or as a foliar feed.

#4121	10 lb.	\$150.00 ea.	10 lb.
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MYCOAPPLY ULTRAFINE ENDO



MycoApply Ultrafine Endo is a suspendable powder that can be mixed with water or incorporated into potting soil to introduce mycorrhizae to your plants.



#4331	1 lb. bag	\$27.35 ea.
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MSR-MICRONIZED SOFT ROCK



0-21-0 Water soluble phosphate. Works great in transplant solution and early in season to correct phosphorous deficiency.

#4106	5 lb. bag	\$19.80 ea.	6 lb.
#4107	40 lb. pail	\$44.00 ea.	41 lb.

SEA-90 FOLIAR



Water soluble granule. This product will supply lots of trace minerals from the sea. Has shown to really increase the color and flavor of peppers and tomatoes

#4108	50 lb. bag	\$23.00 ea.	51 lb.
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BIO PLUS

198 different microbes formulated with plant based carbons and sugars enhances microbial activity in the soil.

#4128	2½ gal	\$100.00 ea.
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VIBRANT GREEN

New!

N-2% P-6% K-2% Ca-2%
Liquid foliar feed with aminos, calcium, trace minerals, fulvic and humic acids. Maximizes overall plant health in all crops.

#4129	1 gal	\$64.00 ea.
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PRO-PRIMER



Fulvic acid with an amino acid package increases soil organic matter. Quick charge for plants.

#4126	2.5 gal.	\$100.00 ea.
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CAL-SENTIALS



This 10% calcium also includes sea minerals, humic acids, sugars, kelp, and worm castings for complete plant nutrition.

#4103	2½ gal. jug
\$61.00 ea.	25 lb.

PRO K 0-0-20

20% potash derived from fruit rind ash. 100% soluble, beneficial to the plant's activities.

#4125	2½ gal	\$142.00 ea.	25 lb.
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MICROELEMENTS

Plant available trace mineral package blend with fresh water algae and amino acid.



#4127	2.5 gal.	\$124.00 ea.
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Products Approved For Organic Production

NEPTUNES LIQUID



A good all-around organic fertilizer to use as a foliar spray or through the drip.

#4305	Fish	\$411.40 per 55 gal.
#4306	Fish Seaweed	\$570.50 per 55 gal.

SUSTANE 8-2-4



Composted and granulated turkey litter with feather meal and sulfate of potash added along with complete trace minerals.

#4301		
50 lb. bag	\$48.45 ea.	
40 bag ton	\$1794.30 ea.	

FISH FERTILIZER

#5207	1 Qt.	\$3.90 ea.	2.5 lb.
#5208	1 Gal.	\$12.25 ea.	9.5 lb.

FISH SEAWEED BLEND

#5209	1 Gal.	\$14.30 ea.	9.5 lb.
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BULL COUNTRY COMPOST

Composted manure for many different uses including home garden.



#5203	40 lbs.	\$6.75 ea.	41 lb.
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INCREDA-SOIL

A highly concentrated organic compost with good humus benefits.

#5211	32 lb. bag	\$8.30 ea.	33 lb.
#5212	2000 lb. tote	\$331.20 ea.	



TRUSTED SINCE 1926

BONIDE®



Neem Max

Improved Neem containing Azadirachtin. Kills all stages insects: eggs, larvae, and adults.

#5401	Pt.	\$18.50 ea.
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F-Stop

A good spray for powdery mildew. Also excellent for Scab and Cedar Apple Rust on fruit trees. 16 oz.

A substitute for Captan

#5427	Pt.	\$10.00 ea.
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Fung-Onil®

Controls numerous diseases on vegetables, flowers and trees.

#5405	Pt.	\$17.80 ea.
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Fruit Tree & Plant Guard

A complete spray for insect and disease control. Contains lambda, cyhalothrin, boscalid, and pyraclostrobin.

#5407	Pt.	\$34.60 ea.
#5408	Qt.	\$70.95 ea.



Copper Fungicide

A good spray for blight on tomatoes. For organic gardening.

#5409	Pt.	\$16.75 ea.
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Captain Jack's Deadbug Brew

New name for Spinosad. Kills spider mites and thrips.

#5410	Pt.	\$17.15 ea.
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Malathion

50% Cythion. Controls many insects.

#5411	Pt.	\$13.45 ea.
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All Seasons Spray Oil

For organic gardening. Use in season and as a dormant spray.

#5417	Qt.	\$13.20 ea.
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Deadweed Brew

Herbicide USDA approved for organic production. More concentrated than Burnout. Mixing rate: 1 Qt per 8 Gallons Water.

#4320	Qt.	\$32.45 ea.	2.5 lb.
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Aluminum Sulfate

Lowers pH for acid loving plants. Great for blueberries.

#5418	3.25 lb. dust	\$7.70 ea.
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Go Away® Deer & Rabbit Repellent RTU

A natural hot pepper based repellent that can be applied directly on fruits or vegetables.



#5419	Qt.	\$11.70 ea.
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Bug & Slug Killer

A pelletized spinosad with iron phosphate that kills slugs, snails, cutworms, etc.



#5420	1.5 lb.	\$16.90 ea.	2 lb.
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Garden Rich® Liquid Iron

A good foliage spray to bring color out on flowers. Iron plus micronutrients.



#5421	Qt.	\$14.80 ea.
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Thuricide

A liquid formulation of Bacillus Thuringiensis. Controls caterpillars, loopers, and other worms.



#5426	Pt.	\$14.80 ea.
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Colorado Potato Beetle Beater

Has been doing a good job on the Colorado potato beetles. For organic gardening.



#5424	Pt.	\$19.10 ea.
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Eight®

Provides residual and contact insect control.



#5414	3 lb. dust	\$7.50 ea.
#5415	Pt.	\$9.50 ea.
#5416	Qt.	\$15.90 ea.

Shipping Weights: Pints = 1.3 lbs Qts = 2.5 lbs Gal = 10.5 lbs

Conventional Products

MARATHON 1G



Systemic insecticide for long term control in greenhouse on aphids, whiteflies, scale and other insects.

#5301	5 lb.	\$76.45 ea.	6 lb.
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LIQUID CALCIUM

10% Calcium derived from calcium carbonate. Excellent plant uptake.

#5306	Qt.	\$6.20 ea
#5307	Gal.	\$15.55 ea

IMIDA PRO



Systemic insecticide. 21.4% liquid Imidacloprid for insect control in ornamentals.

#5326	Qt.	\$23.30 ea.	2.5 lb.
#5327	Gal.	\$84.50 ea	8.6 lb.

QUINKILL MAX



Selective herbicide that kills crabgrass and weeds in lawns, golf courses, and parks. 18.92% Quinclorac. Use approx. 3 tablespoons per gallon of water.

#5330	Pint	\$29.65 ea.	1.9 lb.
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GLYPHOSEL PRO 41

41% Glyphosate with 15% surfactant. Replacement for Roundup with same active ingredients.



#5328	Qt.	\$13.50 ea.	2.5 lb.
#5329	Gal.	\$37.25 ea.	8.6 lb.

AQUAGRO



Wetting agent used on growing media. Increases the uniformity of water and crop development.

#5303	2 1/2 Gal.	\$306.15 ea.	23 lb.
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PHYSAN 20

This algacide, germicide, and fungicide has many uses from controlling diseases on trees to killing household germs.



#5215	\$8.65 per pt.	1.2 lb.
#5216	\$44.80 per gal.	8.7 lb.

SPRAY -N- GROW

Spray -N- Grow is used for flowers, vegetables, and fruit trees. It produces best results when used with a fertilizer.



#5201	1 Gal.	\$118.95 ea.	8.8 lb.
#5202	8 Oz.	\$17.05 ea.	1 lb.

GARDEN SULFUR

A sulfur powder used to reduce PH in the soil. Super to use as a fungicide and in some cases as a pesticide in your garden.

#5213	4 lb. bag	\$14.10 ea.
#5214	30 lb. bag	\$41.05 ea.

LIME SULFUR

Great on spring raspberries and insects.

#5305	Qt.	\$10.95 ea.	2.8 lb.
#5304	55 gal	\$580.50	

GRUBS AWAY



0.5% Imidacloprid. Broad spectrum systemic insecticide for control of grubs and insects in lawns. Apply between May and mid-August. Covers 20,000 sq. ft.

#5331	30#	\$63.45 ea.	31 lb.
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BASIC H



Wetting agent used on growing media. Increases the uniformity of water and crop development.

#5229	1 gal.	\$32.60
#5230	30 gal	\$774.15

CALCIUM NITRATE

Sidedress on corn, beans, etc. through growing season, or use preplant. Greenhouse grade.

#5204	50 lb. bag	\$30.10 ea.	51 lb.
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Solo Sprayers



1.0 Liter Handheld Sprayer

Handy small sprayer with set tip and wand.

#4501	\$7.25 ea	.6 lb.
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Pump Sprayers

Funnel top design for easy tank filling. 30" hose with 20" wand for efficient sprayer.

#4503	1 gal.	\$30.25	4 lb.
#4504	2 gal.	\$32.55	4.5 lb.
#4505	3 gal.	\$36.40	5.3 lb.



4 Gal. Backpack Sprayer

Piston type sprayer that works very well for the small grower or home gardener.

#4506	\$89.95	10.3 lb.
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Mist Blower

2 cycle, 66.5 cc. 3.2 gal. tank weighing 25 lbs. empty. Great for high tunnels, orchards or vegetable fields to get good coverage.

#4507	\$586.20 ea.	58 lb.
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New!

DEK Spray Master Backpack Sprayer

4 gal. tank with 4 different spray tips spraying up to 65 psi. Uses Milwaukee or DeWalt tool battery packs. Sprays up to 12 tanks on one 5 ah battery. Battery not included.

#4522	\$349.00 ea.	42 lb.
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260 Battery Powered Sprayer

One handed sprayer with 1 liter tank. Up to 60 minutes operation time. Easy charging at USB port (cable included).



#4509	\$40.45 ea.	18 lb.
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Portable Spreader

20 lb. capacity with very good, even coverage.

#4815	\$73.30 ea.	18 lb.
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CORONA

SEASON AFTER SEASON



Heavy Duty Pruner

Blades are made of high carbon tool steel and hard chrome plated, making a good performance pruner. Replacement blades available.

#4801	Pruner	\$59.55 ea.	.5 lb.
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ARS Signature Scissors

These scissors have a short blade, high leverage and superior cutting edge to cut anything from flowers or aluminum cans.

#4807	\$17.50 ea.	.2 lb.
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Needle-nose Fruit Pruner

Great for harvesting fruits or vegetables. High carbon tool. Steel blades.

#4806	\$16.50 ea.	.3 lb.
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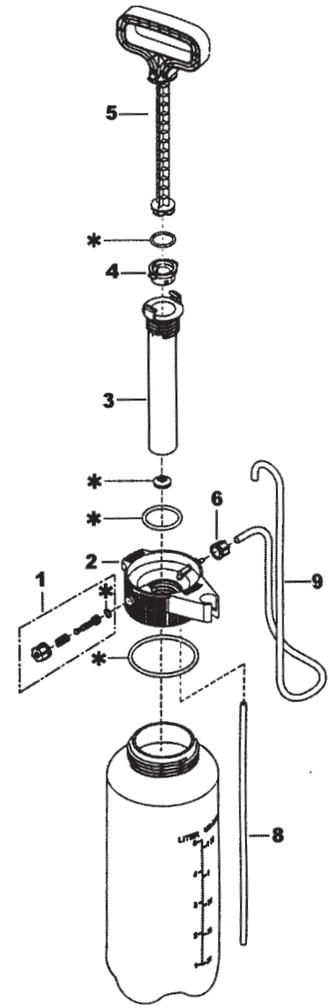
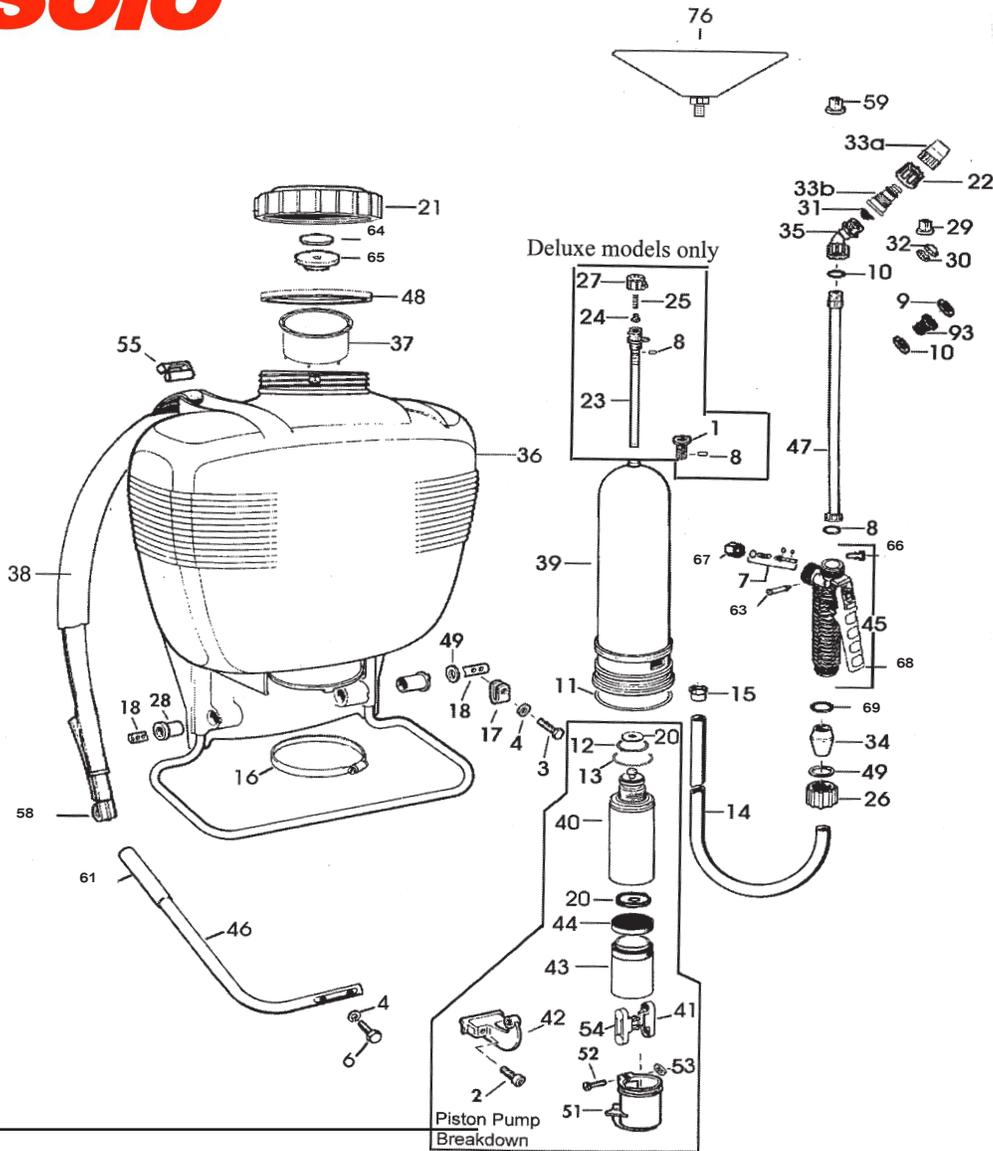


Compact Shears

Sharp point stainless blade for a lot of different uses.

#4816	\$12.10 ea.	.3 lb.
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Solo Sprayer Replacement Parts



Part #	Item #	Price
4602	2	\$3.50
4603	3	\$2.20
4604	4	\$2.20
4606	6	\$2.20
4607	7	\$8.45
4608	8	\$2.80
4610	10	\$2.10
4611	11	\$3.30
4612	12	\$2.80
4613	13	\$2.80
4614	14	\$7.80
4615	15	\$4.75
4616	16	\$6.10
4617	17	\$3.80
4618	18	\$5.00
4620	20	\$3.45
4621	21	\$6.70
4622	22	\$3.30
4623	23	\$5.80
4624	24	\$2.30
4625	25	\$3.20
4626	26	\$3.30
4627	27	\$4.30
4628	28	\$2.35
4629	29	\$2.25
4630	30	\$1.75
4631	31	\$3.00
4632	32	\$2.80
4633	33	\$5.60
4634	34	\$3.20
4635	35	\$3.80
4636	36	\$30.35

Part #	Item #	Price
4637	37	\$12.20
4638	38	\$6.20
4639	39	\$26.45
4640	40	\$12.00
4641	41	\$2.50
4642	42	\$9.25
4643	43	\$13.45
4644	44	\$14.60
4645	45	\$16.80
4646	46	\$18.65
4647	47	\$11.65
4648	48	\$4.65
4649	49	\$2.20
4651	51	\$4.40
4652	52	\$2.05
4653	53	\$2.05
4654	54	\$2.50
4655	55	\$1.10
4658	58	\$0.85
4661	61	\$10.30
4663	63	\$4.30
4664	64	\$2.05
4665	65	\$3.10
4666	66	\$2.10
4667	67	\$3.35
4668	68	\$6.70
4659	59	\$5.60
4676	76	\$25.70
4609	9	\$2.10
4693	93	\$5.60

Part #	Item #	Price
4670	1	\$5.90
4671	2	\$7.05
4672	3	\$29.85
4673	*	\$9.85
4674	4	\$3.95
4675	5	\$12.30
4677	6	\$2.05
4678	8	\$2.35
4679	9	\$6.10



CORONA

SEASON AFTER SEASON

Hand Tools



Round Point Shovel

15 gauge tempered steel with baked finish to protect from rusting. Sharpened blade edge penetrates ground easily.

#4701
\$37.55 ea.
4.6 lb.



Square Point Shovel

15 gauge tempered steel with baked finish to protect from rusting.

#4702
\$37.55 ea.
5.5 lb.



Aluminum Scoop Shovel

High strength 12 gauge aluminum with 30" ash handle.

#4703	\$71.60 ea.	4.3 lb.
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Plastic Scoop Shovel

Heavy duty plastic with 30" ash handle.

#4704
\$39.60 ea.
4.7 lb.



Post Hole Digger

Heavy duty 12 gauge tempered steel with 48" extra thick ash handle.

#4705
\$46.90 ea.
9.5 lb.



Digging Bar

17 lb. forged tempered steel hardened for prying strength.

#4706
\$63.65 ea.
17.6 lb.



Heavy Duty Wheelbarrow

6 cu. ft. 1.4 mm. Extra heavy duty steel tray. Ball bearing for years of smooth performance. 60" Contractor grade handles. Knobby flat-free tires.

#4707	\$216.95 ea.
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Poly Wheelbarrow

6 cu. ft. Corrosion-proof tray. Ball bearings. 60" handles. Pneumatic wheels.

#4708	\$123.75 ea.
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Double Wheel Wheelbarrow

10 cu. ft. Corrosion-proof tray. Ball bearings. 60" handles. Pneumatic wheels.

#4709	\$153.85 ea.
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Kids Wheelbarrow

Perfect starter wheelbarrow. Poly, easy to assemble.

#4723	\$33.75 ea.
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Hand Trowel

Great tool for working in raised beds.

#4717	\$6.65 ea.	.5 lb.
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Hand Cultivator

Great for cultivation in raised beds.

#4718	\$6.65 ea.	.5 lb.
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Hori Hori Garden Knife

A comfortable hand trowel knife and transplanter all in one

#4715
\$15.75 ea.
1lb.



Digging Fork

Tempered steel with 10" tapered tines. 29" wood handle.

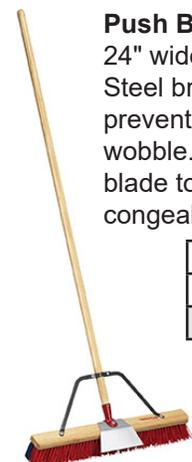
#4716
\$30.65 ea.
4.5 lb.



Cultivator Hoe

4 prong. Tempered steel. 54" ash handle.

#4719
\$24.75 ea.
2.2 lb.



Push Broom

24" wide head. Steel braces to prevent head wobble. Scraper blade to remove congealed dirt.

#4720
\$51.30 ea.
4.6 lb.



Leaf Rake

24" wide. Extra thick vinyl with UV stabilizer.

#4712	\$12.25 ea.	2.6 lb.
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Spring Brace Rake

24" wide. Flexible metal tines that don't twist or break. Rust resistant.

#4724	\$18.20 ea.	1 lb.
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Bow Head Rake

14" tempered single piece head with 60" ash handle.

#4713	\$47.90 ea.	3.8 lb.
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Sharpening Stone

A stone made out of carborundum and shaped to file the hardened ARS pruner.

#4809	\$12.60 ea.	0.1 lb.
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Max Pruner

Cuts up to 1". Enhanced performance.

#4722	\$27.65 ea.	1 lb.
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Aluminum Bypass Pruner

Cuts up to 1". Curved blades allow clean cutting all the way through the stem.

#4725	\$25.75 ea.	1 lb.
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ERGO Deadheader Snip

Design reduces hand and wrist strain. High carbon steel blades for lasting sharpness. Works great for cut flowers.

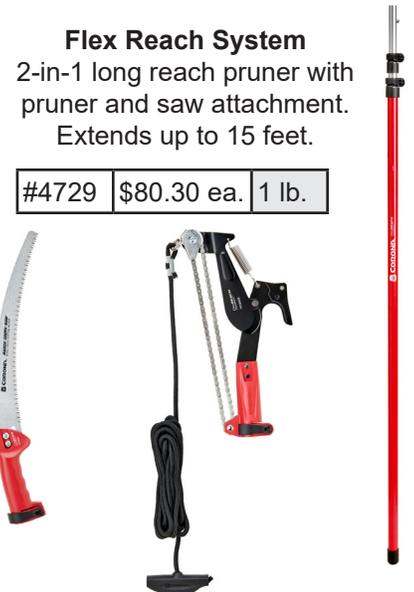
#4726	\$11.05 ea.	1 lb.
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Leather Tool Pouch

Universal design fits most hand pruners. Belt clip and loops included.

#4727	\$13.60 ea.	.2 lb.
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Flex Reach System

2-in-1 long reach pruner with pruner and saw attachment. Extends up to 15 feet.

#4729	\$80.30 ea.	1 lb.
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Aluminum Hedge Shear

Lightweight and accurate for shaping. Weighs less than 2 lbs.

#4728	\$25.95 ea.	2.3 lb.
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Bypass Loppers

24" long.

#4714	\$13.25 ea.	2.3 lb.
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Grass Shear

Heat treated. Comfortable non-slip grip.

#4711	\$27.50 ea.	1.3 lb.
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Earthway Precision Garden Seeder

SAVES TIME: Eliminates the backbreaking chore of hand seeding and marking rows. The Precision Garden Seeder does this all for you and more! In one simple operation, the Precision Garden Seeder opens soil, correctly spaces seed at proper depth, covers seed and marks next row with precision.

SAVES MONEY: Seed waste is minimized with EarthWay's seed plate selection. Six seed plates provided will plant 28 different vegetable seeds. Plates can be quickly changed.

ENJOY HOME GARDENING AGAIN BY PLANTING WITH "PRECISION"!



#4401 \$129.90 ea.



SIX SEED PLATES INCLUDED WITH EACH PRECISION GARDEN SEEDER



CORN-
8 1/2" spacing
Plate No. 1002-4



PEAS,
Jumbo and
Early June Peas
- 3" spacing
Plate No. 1002-18



CARROTS,
Lettuce, Turnips,
Cabbage, Endive,
Onions and
Tomatoes -
uniform spacing
Plate No. 1002-10



**BEANS
and Small Peas**
- 3 1/2" spacing
Plate No. 1002-14



RADISHES,
Leek,
Asparagus and
Spinach -
1 1/2" spacing
Plate No. 1002-5



BEETS,
Okra and
Swiss Chard -
3 1/2" spacing
Plate No. 1002-22

ADDITIONAL SEED PLATES AVAILABLE



BROCCOLI,
Cabbage,
Cauliflower,
Turnips, Rutabaga
and Mustard -
1" spacing
Plate No. 1002-24



LETTUCE light,
Rutabaga, Kale,
Cabbage light,
Mustard, Carrots
light, Turnips light
- uniform spacing
Plate No. 1002-9



**LIMA
BEANS**
Plate No. 1002-27



CUCUMBER
Plate No. 1002-26



POPCORN
Plate No. 1002-29

#4406	Seeder Plate	\$10.45 ea.	0.2 lb
#4407	Replacement Belt	\$19.80 ea.	

EV-N-SPRED by EarthWay

America's smoothest and most easy to use over-the-shoulder broadcast spreader is now here!



#4404 \$52.55 ea. 3 lb.

New Style Fertilizer attachment for #4401 Earthway seeder. Flow rate can be adjusted easily. **Applies fertilizer to both sides of the row being planted.**

An absolute must for the serious home gardener!



#4402 \$72.85 ea. 3 lb.

3 Tine Cultivator

Light cultivator with 4 1/2" trowel to make furrow and tines to cultivate 9 1/2" wide. Adjusts easily to do either.

#4508 \$168.95 ea. 19.5 lb.



Roto Hoe Cultivator

10" wide heavy duty roto hoe hand push cultivator. Turn upside down to use slicing bar. Comes in box for easy shipping. Easy to assemble.

#4511 \$226.55 26 lb.



5 Tine Cultivator

Adjustable setting for width along with trowel for furrow and pony hitch.

#4510 \$242.70 ea.



HOES			
#5217	Nebo Hoe	Lets you work in and around plant rows easily. Angled blade makes for easy undercutting using minimum effort.	\$38.65 ea
#5218	Small V Garden Hoe	Made locally, strong and lightweight. Good for close-up hoeing. Sharp cutting edge.	\$28.30 ea
#5219	Large V Garden Hoe	Made locally, strong and lightweight. Best used for making furrows, etc.	\$28.30 ea
#5220	Flat Garden Hoe	Made locally, strong and lightweight. Medium-sized regular overall weed hoe with sharp cutting edge.	\$28.30 ea
#5225	3-Prong Hoe	Made locally, strong and lightweight. Extra heavy-duty tines.	\$26.70 ea
#5227	Precision Hoe	Spring steel with 60" ash handle for less strain. Sharp durable edge that moves less soil. Side finger for precision hoeing.	\$48.30 ea
#5221	Stirrup Hoe	Sharp edges on both sides. Swivels to take out weeds in both directions, forward and back.	\$39.35 ea
#5223	Replacement Blade	Replacement blade for stirrup hoe. Includes new bolts.	\$4.50 ea
#5226	Kid's Hoe	Cute children's hoes are a great way to get the little ones involved in gardening. 38" overall length. Colors may vary.	\$22.75 ea
#5222	Hoe Handles	Locally made heavy-duty handle.	\$18.70 ea



TOMATO STAKES

Honduras Treated Sharpened Pine

#5615	1" x 1" x 48"	\$26.25 per 25 or \$1.15 ea.	45 lb.
#5616	1" x 1" x 54"	\$32.75 per 25 or \$1.45 ea.	48 lb.
#5617	1" x 1" x 60"	\$36.25 per 25 or \$1.60 ea.	53 lb.
#5618	1 1/4" x 1 1/4" x 72"	\$71.75 per 25 or \$3.15 ea.	40 lb.



TOMATO TYING TWINE

3 LB. BALL 6300 ft. per ball. Color: white. Can be hooked on your belt for easy tying.

#5619	\$6.15 ea.	3.1 lb.	Full carton 18 balls	\$5.60 ea.	56.3 lb.
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SOLID ROD FIBERGLASS STAKES



Approved for use in organic production. Works great for tomatoes, raspberries & etc.

#5705	54"	\$2.90 ea.
#5706	72"	\$3.40 ea.



TOMATO VINE CLIPS

Used when growing tall plants to hang vines on trellis.

#5712	Regular	1000 percs	\$18.45	2 lb.
#5715	Regular	9250 per cs	\$119.80	
#5714	Jumbo	800 per cs	\$15.05	2 lb.
#5716	Jumbo	10,000 per cs	\$117.00	

STAKE PULLER

#5708	\$46.90 ea.	13 lb.
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POST DRIVER

The tool you need to drive tomato stakes.

#5710	\$58.65 ea.	12.4 lb.
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HOLE CUTTER

Works great to make holes for high tunnel tomatoes that are in 4" pots. Lever works to push soil back out. Sharp blade.

#5711	\$164.20	11 lb.
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METAL HOOK

Used to hang indeterminate tomato varieties

#5713	\$88.95 per 320 or \$.30 ea.	26 lb.
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RUBBER BANDS

Part #	COLOR	SIZE	PCS/LB	TYPICAL USE
#5601	Red	4 1/2 x 3/16	280	Cauliflower
#5602	Green	4 1/2 x 3/16	280	Cauliflower
#5603	Yellow	4 1/2 x 3/16	280	Cauliflower
#5604	Blue	4 1/2 x 3/16	280	Cauliflower
#5605	(#63)	3 x 1/4	370	Beets, etc.
#5606	(#62)	2 1/2 x 1/4	425	Aspr., Broc., etc.
#5607	(#33)	3 1/2 x 1/8	475	All purpose
#5608	(#32)	3 x 1/8	700	All purpose
\$4.80 per lb.		1.2 lb.		

ProtekNet

Insect Netting



High quality 70 gram netting that can be used for many insects including spotted wing drosophila. 83" wide - can be used inside greenhouse curtains. Five-year lifespan.

#4902	83" X 328'	\$402.80 per roll or \$1.35 per ft.
#4903	166" X 328'	\$805.64 per roll or \$2.70 per ft.



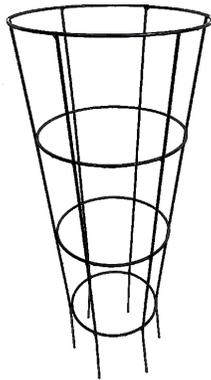
Hortanova Crop Support Netting

Can be used vertically in high tunnels for cucumbers or horizontally for flowers, etc. 6" x 7" squares.

#4905	79" x 328'	\$54.35 ea.	6 lb.
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Heavy Duty Tomato Cages

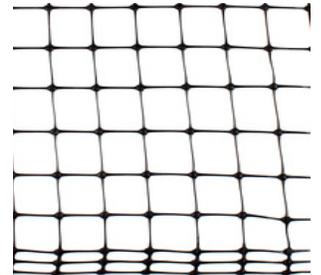
39" heavy-duty round tomato cage. Constructed with 1/4" solid steel rods. Excellent quality.



#4919	\$20.15 ea.
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Deer Fencing

Heavy duty 15 yr. 2" square plastic mesh fencing.



#5113	4' x 330'	\$183.95 ea.
#5114	6' x 330'	\$280.30 ea.
#5115	8' x 330'	\$358.50 ea.



Wire Cage for Tomatoes

A galvanized wire cage for tomatoes, peppers, etc. This cage folds flat for easy storage and should give you many years of good use.

#4915	40" tall	\$8.65 ea.	3 lb.
#4916	48" tall	\$10.80 ea.	3.5 lb.

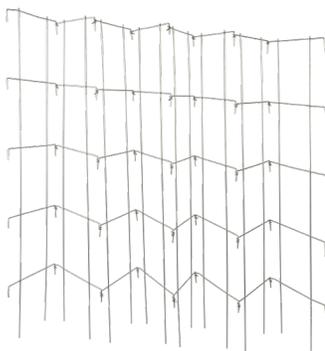
ProtekNet

Bird Netting



White polyethylene bird netting has 3/4" diamond pattern. Works great on berries and fruit when applied on a frame work. Lifespan = 5 years

#4920	21' X 328'	\$235.10 per roll or \$0.80 per ft.
#4921	49' X 328'	\$687.40 per roll or \$2.30 per ft.



Pea Fence

9 ft. galvanized wire that folds together for easy storage.

#4917	\$17.65 ea.	7 lb.
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Bird netting used to protect your crops from birds and wildlife. Custom cut to any length. 14' wide.

#4918	Full Roll 14' x 1000'	\$256.60 or \$.30 per ft.
		28 lb. per roll

Pulp Containers

Green containers for strawberries, raspberries, small potatoes, and a lot more.



#5001	Pint	\$46.54 per 420 or \$.13 ea.	32 lb.
#5019	Quart	\$58.95 per 297 or \$.20 ea	32 lb
#5002	Economy Quart	\$29.50 per 250 or \$.13 ea.	15 lb.

Brown Wooden Containers

#5013	Pint	\$222.05 per 500 or \$0.50 ea.
#5014	Quart	\$186.75 per 500 or \$0.40 ea.

Picking Basket

Super strong one-bushel basket. Has concave sides for easy carrying. Very compact design for tight nesting, reducing wasted space.



#5004	\$13.10 ea.	26 lb.
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Soft Twist Garden Wire

UV stabilized, soft wire to use for tying up raspberries, brambles, etc.



#5116	55'	\$7.05 ea.	.7 lb.
#5117	250'	\$28.70 ea.	3.4 lbs.

Picking Gloves

15 mil.
Sizes - medium & large.



#4824	\$4.15/pair	.2 lb.
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Berry Carriers

Metal tray with two handles that fold down to easily offload when full or store. Fits 8 - 1 qt. containers.

#5003	\$26.55 ea.	5 lb.
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Berry Cart

Aluminum one-wheeled strawberry cart to hold a cardboard flat with 8 Qt. baskets to pick strawberries. Will put a smile on your berry pickers face.



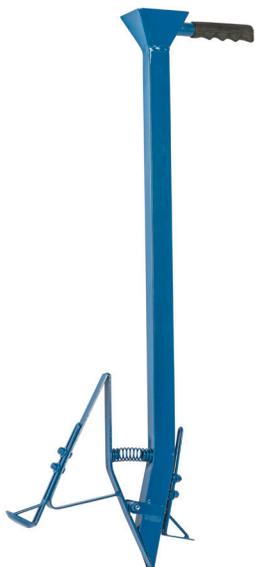
#5018	\$33.95 ea.	3.5 lb.
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Display Basket

A great stackable basket with ventilation in sides and bottom. Size: 23.8" long, 17.8" wide, 7.6" high. 1 1/2 bu.



#5005	\$18.00 ea.	15 lb.
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Hand Bean Planter

Designed to plant seed through plastic mulch.

Can be used to plant:

- Beans
- Cucumbers
- Pumpkins
- Zucchini
- Squash
- Sweet Corn
- and more through plastic

Try one of these, a real labor and back saver. We received lots of compliments on this tool.

#5015	\$94.40 ea.	6.3 lb.
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Planter Stem Only

#5017	\$124.85 ea.	5 lb.
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Bucket Pump

Barrel or bucket pump. Transfers all kinds of liquids. Heavy duty plastic.



#5012	7 gpm.
\$34.90 ea.	.9 lb.

Backpack Transplanter

A very handy time saver for the small grower to get started. This tool makes the hole and fills it with water. Works on plastic or bare ground.

#5016	\$220.50 ea.	15.3 lb.
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REGULAR HOTKAPS
(6" High x 11" Diameter)

Strong wax paper covers form little houses over each plant or hill of seed. Permits earlier planting, promotes better growth, quicker maturity. Good protection against frost, wind, beating rains and insects. Easy to ventilate during warm periods.



#4908	1 case of 1000	\$396.85	32 lb.
#4909	1 box of 100	\$52.90	4 lb.
#4910	1 dozen	\$5.45	1 lb.

TRY SOME FOR THAT EARLY MARKET!

FROST GUARDS

Extend your growing season. Enjoy worm and bug free plants.



#2335	\$7.50 ea.	2.3 lb.
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5 GALLON BUCKETS

Empty plastic buckets handy for picking produce.



#5101	Bucket-used	\$2.90
#5105	Bucket - new	\$4.10

FRUIT CRATES



Works great for shipping/storing a wide variety of fruits and vegetables. 5/8 Bushel

#5130	\$8.00 ea or \$7.65 for 90 or more
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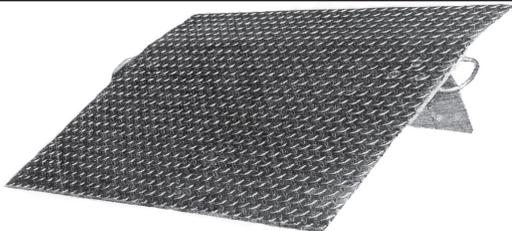
CROWN PALLET JACKS

27" x 48" standard size. Special sizes available. Parts available.

#5106	\$749.40 ea.
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REPLACEMENT WHEELS WITH BEARINGS

#5108	Steering Wheels - Large	\$87.60	1 lb.
#5109	Load Wheels - Small	\$58.90	1 lb.



ALUMINUM DOCKPLATE

40" wide x 30" long
No Slip Surface

#5107	\$332.50 ea.	62 lb.
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SHRINK WRAP

Use shrink wrap to wrap your produce! This wrap comes off the roll smoothly and quietly. 18" x 1500' roll.

#5110	Lightweight	\$9.15	6 lb.
#5120	Heavyweight	\$12.25	6 lb.



HEAVY DUTY SHRINK WRAP DISPENSER

Fits 12" or 18" shrink wrap rolls. Very handy.

#5111	\$73.05 ea.	4 lb.
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10 pk. Replacement Blades for Retractable Knife

#4826	\$0.70 ea.	.1 lb.
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Retractable Knife
Great for picking zucchini.

#4825	\$5.90 ea.	.2 lb.
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Soil Probe

18" long stainless steel tube.

#4820	\$54.70 ea.	1.3 lb.
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CHAMPION PASTURE MIX

All grass mix that works well for horses and livestock. Well adapted to a wide range of soils and growing conditions.

#5118	\$206.95 per 50 lb bag
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SUNNY JR COVER CROP BLEND MIX

Sorghum-Rye-Sunflowers-Phacelia-Sunn Hemp
Buckwheat-Oats & Peas-Hairy Vetch-Crimson Clover-
Tillage Radishes

This blend of untreated cover crop seed works great to recharge your soil. Application rate: 30 lb. per acre.

#5112	\$70.00 per 30 lb. bag or \$2.55 per lb.
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GROUNDHOG RADISH

Application rate: 8-10 lbs. per acre.

#5104	\$118.75 per 50 lb. bag or \$2.75 per lb.
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EDUCATIONAL BOOKS

SPRAY AND IRRIGATION RECORD BOOK

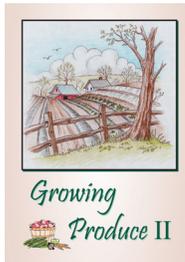
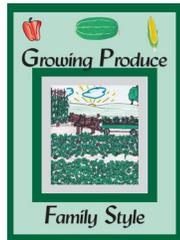
This easy to use record book can be used for organic and conventional growers. Can be used in place of Spray Section in White Farm Records Book. Will simplify and speed up your record keeping.

#1708	Complete book	\$54.30 ea.	3 lb.
#1709	Replacement inserts	\$14.90 ea.	1.5 lb.

GROWING PRODUCE FAMILY STYLE

Over 90 pages on how to get started growing produce.

#1701	\$8.00 ea.	.5 lb.
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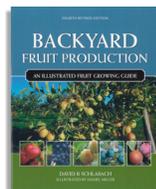
GROWING PRODUCE II

Over 100 pages of information on growing produce written by different growers.

#1702	\$10.00 ea.	.5 lb.
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BACKYARD FRUIT PRODUCTION

Charts and illustrations on how to prune, and organic and conventional control. 172 pages. By David Schlabbach



#1707	\$13.00 ea.	1 lb.
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GOOD BUG BAD BUG

Who's who, what they do, and how to manage them organically. 90 pages.

#1705	\$15.85 ea.	.8 lb.
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COVER CROP SEEDS

YODER COVER CROP BLEND

Winter Rye • Austrian Winter Peas
Crimson Clover • Tillage Radishes

This blend works well to sow after taking out plastic mulch or after corn crop. For best results, sow before September 15th.

Application rate: 35 lb per acre

#5102	\$49.55 per 50 lb. bag or \$1.15 per lb.
#5103	Untreated \$50.90 per 50 lb. bag or \$1.20 per lb.

OATS & RADISH COVER CROP MIX

Blend of high quality oat, pea, and radish seed. Produces a lot of biomass, very cost effective

#5119	\$45.45 per 50 lb bag or \$1.05 per lb
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BUCKWHEAT

A cover crop used most commonly as a mid-summer cover crop to suppress weeds and replace bare fallow

#5121	\$65.55 ea per 50lb bag
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HAIRY VETCH

Nitrogen fixation: Hairy vetch is a legume that fixes nitrogen in the soil, making it available for other plants to use.

#5122	\$159.45 per 50 lb bag
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WOODEN BIN

This bin is great for picking sweet corn, melons, pumpkins, etc. 26.7 bushels

#5123	\$66.70 ea
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MACROBIN 34-FV

Perfect for all fruits and vegetables in all stages of the process. Harvesting, storage, shipping and processing. FDA certified 25.8 bushels

#5124	\$190.00 ea.	96 lb.
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I & J Cultivators

Work-Saving Features of the I & J Cultivator:

- Durable "S" tine shanks
- Available in one or two row units easily steered with feet
- Easy ride spring seat
- Lifting is easy with heavy-duty spring-lift action

*It's no tough decision
If you want to cultivate with precision,
Use an I&J with rolling shields
And you'll have no weeds in your fields.*

The 2-row cultivators work well to cultivate over plastic when center gang is removed.

OPTIONS

Rolling Shields

#6103	\$206.75 per row	20 lb.
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Disc Hillers

#6105	\$293.50 per row	32 lb.
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2-Row Cultivator

A must-have for the serious grower!
Please specify rubber or cast seat.

#6101	Seat on top	\$3542.55 ea.
#6102	Seat in back	\$3667.95 ea.



1 Row 2 Horse Cultivator

Works good to cultivate strawberries, potatoes or anything with variation in row spacing.

#6107	\$2758.80 ea.
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1 Row 1 Horse Riding Cultivator

Great to cultivate between staked tomatoes or for a small farmer. Adjustable width.

#6108	\$1285.35 ea.
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42" Stainless Steel Drop Spreader - Seeder



24" wheels for easy pulling

Aggressive beater design to keep a steady flow

Turns completely upside down for easy cleanout

42" wide - Holds approx. 150 lbs

Works well for fertilizing lawns, hi-tunnels, gardens etc.

Can be used to seed cover crop between rows of plastic

Can be pulled by: Hand • Garden Tractor • Pony

#6302	\$1045.20 ea.
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I & J MOWERS



#6310	Trailing ESM Mower with 9' Bar and 9 HP Motor	\$11,300.00 ea.
#6311	Trailing ESM Mower with 9' Bar, No Motor	\$8,100.00 ea.
#6312	Horse Mower with 5 HP Motor and 8' Bar	\$8,500.00 ea.
#6313	Ground Drive with Enclosed Gearbox, 7' Bar	\$11,000.00 ea.
#6314	3 Pt. Mower with 9' Bar	\$7,100.00 ea.

Other length bars available.
Call or write for pricing.

I&J Mowers operate very efficiently with a unique scissor cutting action that lets you mow with virtually no plugging. Clean cutting means faster regrowth. Working widths of 5½", 7, 8 or 9 ft.

- Bar can cut in any position
- Three point hitch or trailing for tractor, cart, or draft hitch
- Gasoline engine, PTO or ground drive
- Rubber tires or steel wheels
- Bar lifts vertically with 16" cylinder
- A safety release, with automatic re-hooking helps guard against damage to the bar when objects are hit
- Heat treated blades hold their edge longer and produce a cleaner cut which means faster regrowth
- Bottom blades are farther apart; therefore only a few blades are cutting at once (2/3 less torque required)
- Kit available to retrofit other mowers
- Parts in stock



Note - 6% and 8% discounts do not apply to mowers

ESM MOWER BLADES

#6317	9' Serrated Blade	\$206.10 ea.
#6318	9' Smooth Blade	\$217.25 ea.
#6319	8' Serrated Blade	\$196.90 ea.
#6320	8' Smooth Blade	\$209.40 ea.
#6321	7' Serrated Blade	\$161.40 ea.
#6322	7' Smooth Blade	\$172.70 ea.

I & J ONE-HORSE MOWER

One Horse Mower

Great for mowing between plastic rows and in orchards

#6315	32"	\$6900.00 ea.
#6316	48"	\$7321.50 ea.



CHAMPION SEEDER



A new breakthrough for the produce grower to direct seed into plastic for better weed control. Uses the Earthway hopper so works on a lot of different seeds but works best with beans, corn, peas etc. Has new press wheel in back for adjustable planting depth.

#7115	\$893.85 ea.
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CLOSEOUT ITEMS

6% and 8% discounts do not apply to closeout items.

All items on this page are in stock while supplies last.



Wooden Birdhouse Planter
10" x 4.75" x 9.6".
X2061 - \$134.45 per case of 18



#5555 12" Color Pot - Clay
2.87 gal \$2.45 ea



Blue-Yellow-Violet-Pink

Part #	Description	Qty per Cs.	Price
X2274	5" Cameo	176	\$148.60/cs
X2275	7" Cameo	81	\$106.25/cs
X2276	9" Cameo	35	\$69.15/cs
X2277	12" Cameo	10	\$61.35/cs
X2278	14" Cameo	5	\$46.05/cs
X2279	20" Cameo	N/A	\$14.40 ea

#X2069 -Window Frame Planter
\$112.55 per case of 16



10" QP Hanging Basket - Chocolate

X2012 - 100/cs \$104.10/per case

#5556 Full Measure Cal

A 30% calcium by weight with humic acid added to use in drip, foliar or soil applications.
2.5 gal jug \$39.25

X4016 Borreplex

Organic acid for Drip Irrigation. Releases tied up nutrients in soil.

\$100.45 per 5 gallons.

X3912 Nufilm 17

Sticker Extender Adjuvant.
Improves pesticide longevity.

\$58.85 per gallon.

Round Cement Pot

5" x 4.5" H
X2072 \$36.50 per case of 12



X2073- Square Plastic Pot

Textured White, 6.7"x5"H
\$115.30 per case of 36



2 Compartment Wooden Drawer Planter
9.5" x 5" x 4".
X2066 - \$288.40 per case of 50

X2309 - Brick Window Box

24" x 8.5" x 7"
\$3.50 each



3 Tier Foldable Drawer Planter
#X1842..... 18"
\$84.00 per case of 8

X2052 14" Plastic Square Cone Basket

Same as the Versa basket but without reinforced rim. Brown, Black, Gray, Black/Gray, Gray and Black.
\$81.55 per case of 12 / \$7.55 each



Push Broom

Great broom for cleaning barns and packing houses. 24" wide 3 inch bristles.

\$25.00 each



5 Gallon Backpack Sprayer

With Honda Gx25 4 Stroke engine. Pressure is adjustable between 14.5PSI and 435 PSI for wide range of applications... Empty sprayer weighs 20.5 lb.



#X4518	\$718.10 ea.	51 lb.
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QUALITY PLASTICS, LLC



WREN PAN

Stainless-Steel Pan measures 9"W x 12.5"L x 1-3/8" D.

Part#

QP1885-01 CLEAR - \$48.75 QP1855-05 PINK - \$48.75
QP1855-04 BLUE - \$48.75 QP1855-16 GRAY - \$48.75



CHICKADEE PAN

Stainless-Steel Pan measures 10.5"W x 15"L x 1-3/8" D.

Part#

QP1200-01 CLEAR - \$64.95 QP1200-05 PINK - \$64.95
QP1200-04 BLUE - \$64.95 QP1200-16 GRAY - \$64.95



BLUE JAY PAN

Stainless-Steel Pan measures 13"W x 18"L x 1.5" D.

Part#

QP1175-01 CLEAR - \$79.95 QP1175-05 PINK - \$79.95
QP1175-04 BLUE - \$79.95 QP1175-16 GRAY - \$79.95



ROSE PAN

Features a clarified, food-grade, durable base. Lid is very flexible and airtight to keep your favorite foods fresh. 11-1/2" Round x 2"D.

Part#

QP1569-03 - \$27.50



EZ KARE PAN

Food-grade, BPA-Free food storage container that is great for pies and other food storage. 11-1/2" W x 2"D

Part#

QP1385-23 LAVENDER - \$17.95
QP1385-24 AQUA - \$17.95
QP1385-25 LIME - \$17.95



KLASSICWARE PARTY BOWL

Features a clarified, food-grade, durable base. Lid is very flexible and airtight to keep your favorite foods fresh. 18 cup / 4.5 quart capacity

Part#

QP1568-23 LAVENDER - \$32.95
QP1568-24 AQUA - \$32.95
QP1568-25 LIME - \$32.95



EZ KARE 11" BOWL

Food-grade, BPA-Free food storage container that is great for storing and transporting food. 18 cup / 4.5 quart capacity

Part#

QP1388-23 LAVENDER - \$22.95
QP1388-24 AQUA - \$22.95
QP1388-25 LIME - \$22.95



KITCHEN MASTER

Quality food storage container for pastries, deserts, cookies, snacks, organizing and more. It is safe for dishwashers, microwaves, and freezers. BPA-Free.

Part#

QP1565-25 LIME - \$19.95 QP1565-24 AQUA - \$19.95
QP1565-23 LAVENDER - \$19.95



ESY PAN

Food-grade, multi-purpose container works great for food processing, rinsing, cleaning, and all-around utility.

Part#

QP1375-14 SANDSTONE - \$5.90
QP1375-15 GRANITE - \$5.90



DISH PAN

For washing dishes, vegetables, etc. Also great for canning, cleaning and more. Made to use with ESY Pan for no-drip washing and rinsing. BPA-Free.

Part#

QP1365-06 TAN - \$8.40 QP1365-15 GRANITE - \$8.40
QP1365-16 GRAY - \$8.40 QP1365-27 GREEN - \$8.40



ULTRA ROUND CONTAINER

Multi-purpose storage containers are food safe and BPA-Free. Containers are stackable and easy to store. Lids twists on for easy closure. Clarified base makes it easy to see contents.

Part#

QP1869-01 - \$5.75



ULTRA SQUARE CONTAINER

Multi-purpose storage containers are Food Safe & BPA-Free. Strong base prevents cracking and supports daily use. Stackable and easy to store. Clarified base makes it easy to see contents.

Part#

QP1870-01 5/8 Qt. - \$6.30 QP1871-01 1Qt. - \$7.55
QP1872-01 1-1/2 Qt. - \$8.35 QP1873-01 2 Qt. - \$9.10



MEASURE & MIX BOWL

Food-grade, multi-purpose bowl with both cup and liter measurements molded on the side. BPA-Free.

Part#

QP1570-01 CLEAR - \$2.95



MEASURE & MIX PITCHER

Clear pitcher with handle and lid.

Part#

QP1575-01 CLEAR - \$3.75 QP1575-05 PINK - \$3.75
QP1575-04 BLUE - \$3.75



10 oz. TUMBLER

Fluted sides make the cup easy to grip while giving a classic look. Won't easily crack or break if dropped. BPA-Free.

Part#

QP1850-01 CLEAR - \$9.95 QP1855-09 AMBER - \$9.95
QP1850-07 BLUE - \$9.95 QP1855-19 GREEN - \$9.95
QP1850-08 PINK - \$9.9 QP1855-20 PURPLE - \$9.95
QP1850-21 MULTI-COLOR - \$9.95



10 oz. NO-TIP TUMBLER

Wide base on this tumbler to withstand tipping. Will not easily crack or break if dropped. BPA-Free.

Part#

QP1855-01 CLEAR - \$9.65 QP1855-12 PINK - \$9.65
QP1855-11 BLUE - \$9.65 QP1855-13 GREEN - \$9.65
QP1855-26 LAVENDAR - \$9.65
QP1855-21 MULTI-COLOR - \$9.65



CUTLERY TRAY

Slotted compartments for organized storage of your silverware and other items. 13-5/8"L x 11-5/7"W x 2"H

Part#

QP1300-04 BLUE - \$4.25 **QP1300-06 TAN** - \$4.25



34 QT. WASTE BIN

Available in White and Gray
14"L x 9.25"W x 18"H

Part#

QP1185-02 WHITE - \$13.50
QP1185-16 GRAY - \$13.50



PLASTIC JAR RINGS

Can be used for canning in both a pressure cooker and hot water bath. Plastic rings will never rust!
12 rings per pack.

Part#

QP1500-02 REGULAR SIZE JAR RINGS - \$12.95
QP1550-02 WIDE MOUTH SIZE JAR RINGS - \$12.95



34 QT. WASTE BIN LID

Available in White and Gray
Snaps on trash can with Flip-Up lid

Part#

QP1186-02 WHITE - \$8.75
QP1186-16 GRAY - \$8.75



PLASTIC JAR LIDS

Lids include gasket that is leak-proof, airtight, freezer-safe and dishwasher-safe.
12 rings per pack.

Part#

QP1490-02 REGULAR SIZE JAR LIDS - \$19.40
QP1495-02 WIDE MOUTH SIZE JAR LIDS - \$19.40



40 QT. WASTE BIN

Available in White and Gray
14"L x 10.5"W x 21.5"H

Part#

QP1186-02 WHITE - \$18.75
QP1186-16 GRAY - \$18.75



DISH DRYING RACK

Featuring an angled bottom with drain holes and compartments for plates, silverware, cups, etc. No drip mat required.

Part#

QP1360-06 L. TAN - \$32.95 **QP1360-16 L. GRAY** - \$32.95
QP1361-06 S. TAN - \$29.95 **QP1361-16 S. GRAY** - \$29.95



LAUNDRY HAMPER

available in White
1.3 Bushel Capacity - 17.25L x 13.5W x 18"H

Part#

QP1190-02 WHITE - \$22.75



SINK MATS

Soft and flexible material protects porcelain and stainless-steel sinks. Helps prevent glasses and plates from scratching and chipping.

Part#

QP1730-01 NATURAL - \$8.20 **QP1730-03 BLACK** - \$8.20
QP1730-06 TAN - \$8.20 **QP1730-15 GRANITE** - \$8.20
QP1730-22 RED - \$8.20



ACRYLIC VANITY TRAY

Large - 9.5"L x 5.5"W x 2"H
Small - 8"L x 5.5"W x 2"H

Part#

QP1188-01 SMALL - \$9.75
QP1189-01 LARGE - \$12.25



HANDY CADDY

The Handy Caddy is all one piece construction and great for cleaners, tools, organization, or even gather your vegetables.

Part#

QP1400-04 BLUE - \$5.75 **QP1400-16 GRAY** - \$5.75
QP1400-06 TAN - \$5.75



VENTURE IRON

Battery powered, by 12v 8D battery pack with cord, 20v DeWalt, 18v Makita, or 18v Milwaukee.

Part#

QP1875-03 12V-8D - \$388.00
QP1875-02 MAKITA - \$388.00
QP1875-01 MILWAUKEE/DEWALT - \$388.00



SWEPT AWAY BROOM

18 inch wide flared broom is several inches wider than common household brooms. Flared ends give easier access to clean corners and hard-to-reach areas.

Part#

QP1755-03 Broom with No Handle - \$23.00
QP1756-03 Broom with 48" Aluminum Handle - \$25.00



COAT HANGERS

3/8" thick heavy-duty construction. Made of plastic materials that make this hanger flexible and strong.

Part#

QP1250-02 WHITE - \$3.95 **QP1250-03 BLACK** - \$3.95



BETTER MAID DUSTPAN

Made of durable plastic that adds strength with tapered front edge for easier clean up. Features thumb and finger grips for good control.

Part#

QP1150-06 TAN - \$6.95 **QP1150-14 GRANITE** - \$6.95



CURTAIN RINGS

Durable, hard plastic "C" shaped curtain rings. Easy to install and remove curtains for cleaning.

Part#

QP1725-16 GRAY - \$4.80 **QP1725-18 NATURAL** - \$4.80



HANDY TUB

All-around use for cleaning, storage, harvesting, etc.

Part#

QP1450-04 BLUE - \$5.75
QP1450-06 TAN - \$5.75



SUPREME DRYER

Durable one-piece frame with easy-attach clips and stainless-steel chain. Features 44 plastic clothes pins, with back-half of clothes pin molded to frame.

QP1750-17 ALMOND - \$89.75



SHOPPING TOTE

Strong and flexible totes are great for all-around carrying use. Works well for grab and go. Can carry 50 lbs!

Part#

QP1700-04 BLUE - \$5.95 QP1700-05 PINK - \$5.95
QP1700-16 GRAY - \$5.95



DURA BOX

Waterproof storage box made with durable UV resistant plastic. Attaches to the sides of your bike and has a large capacity compartment.

Measures 13"L x 9"W x 9"H

Part#

QP1370-03 BOX WITH COVER \$44.00
QP8109-01 REPLACEMENT COVER \$15.95



DELUXE BASKET

Heavy-Duty basket is all one-piece construction. Ergonomically designed to be easily handled with one or both hands.

Part#

QP1350-04 BLUE - \$14.25 QP1350-10 ORANGE - \$14.25
QP1350-06 TAN - \$14.25



Whisk-It

Durable 12" kitchen flat whisk with 4 - 1.4mm stainless-steel wires and 8-wire head. Plastic handle features a thumb grip on top and finger grip underneath for an easier hold and made with food-grade plastic. 12" whisk gives you a longer reach. Polished stainless-steel wires make clean up easy.

Part#

QP1810-03 Part# - \$22.00



MONARCH BASKET

Heavy-Duty laundry basket is extremely strong and durable, made to outlast most of the baskets on the market.

Part#

QP1600-14 GRANITE - \$17.95 QP1600-05 PINK - \$17.95
QP1600-04 BLUE - \$17.95 QP1600-06 TAN - \$17.95



VERTEX MOP SET Imported Item

The Vertex Mop is a self wash, squeeze-dry, flat mop. Safe for use on all floors and for cleaning windows, dusting or sweeping.

Part#

QP91001-01 COMPLETE SET - \$38.75
QP91003-01 GRAY PAD - \$3.65
QP91003-02 WHITE PAD - \$3.65
QP91004-01 MOP HANDLE+HEAD - \$17.50



KIDS CHAIR

Has solid plastic legs and features a smiley face on the seat back. Chair is 12.5"L x 12.5"W x 17"H. Chair seat is 9.5"L x 9.5"W x 8.75"H from floor.

Part#

QP1555-15 GRANITE - \$18.40
QP1555-30 CHOCOLATE - \$18.40



Pinnacle Flat Mop Imported Item

Heavy-duty, extendable Flat Mop Set with removable pads.

Part#

QP91101-01 COMPLETE SET \$58.95
QP91102-01 REPLACEMENT PAD \$3.10



POLY TOY FENCE

Heavy-Duty poly toy fence is self-standing and can be clipped to itself to make a corral or connect multiple sets together to make a larger area. Folds for easy storage.

Part#

QP1800-02 WHITE - \$16.50 QP1800-16 GRAY - \$16.50



TOY DRAFT HORSE

The Toy Draft Horse is a larger, extremely detailed and very durable, hollow-core draft horse. Available in brown and black. Horse is 8" tall by 10.5" long and 2.75" wide

Part#

QP1815-03 BLACK - \$36.00
QP1815-29 BROWN - \$36.00



FENCE INSULATORS

Manufactured with extremely strong UV Resistant materials. 25 per pack.

Part#

QP1389-03 BLACK - \$15.50



TOY HORSE

The Toy Horse is a very strong, solid-plastic horse. Available in mahogany and black. Horse is 7-1/2" tall by 9" long.

Part#

QP1810-03 BLACK- \$26.00
QP1810-29 MAHOGANY- \$26.00



SUPERTUFF FLAT BACK BUCKET

Heavy-duty food-grade pail with thick gauge metal handle. BPA-Free and great for feeding equine or other farm animals..Measures 15"L x 14"W x 11" H. not including handle.

Part#

QP1745-22 RED \$15.25



S.A. STOR-A-BIT

Magnetic drill-bit holder with belt clip. Holds 9 tool bits. Works with drive bits, drill bits, etc with a 1/4" diameter base.

Part#

QP1685-22 RED \$8.25



FURNITURE GLIDES

Manufactured with anti-wear materials. 12 pc. per pack. 4 sizes available.

Part#

QP1390-01 3/4" TAN \$8.40 QP1391-01 7/8" TAN \$9.00
QP1392-01 1" TAN \$9.60 QP1393-01 1-1/2" TAN \$12.00

ULTRA PAIL

Super strong, food grade pail that's great for storing food, caps and more. Also great for cleaning. 5 quart capacity.

Part#

QP1865-02 White - \$12.30
QP1865-02P WHITE WITH PRINT- \$16.50
QP1865-31 MAUVE - \$12.30
QP1865-31P MAUVE WITH PRINT - \$16.50



GREENHOUSES AND HIGH TUNNELS

Have you ever considered starting a greenhouse business? Would your students benefit from having a greenhouse at their school? Maybe you are interested in a small greenhouse or high tunnel for your own personal use. Yoder Produce offers sales, design, and installation for greenhouses of all sizes. From construction to production, we strive to bring each individual's dreams to reality through innovation and design.

Gutter Connect Greenhouse



30 Ft High Tunnel



Polycarbonate Greenhouse



30 Ft Greenhouse



Polycarbonate Gutter Connect



Glass Front Garden Center



20 Ft Greenhouse



30 Ft Polycarbonate Endwall with Double Sliders



PROMIX®

POTTING GUIDE

DESCRIPTION	DIMENSIONS (INCH)			VOLUME (CU IN)	NUMBER OF POTS FILLED						
	SIZE	TOP	HEIGHT		1 CU FT	2.8 CU FT LOOSE	3.8 CU FT COMP.	55 CU FT COMP.	60 CU FT LOOSE	80 CU FT LOOSE	135 CU FT COMP.
BEDDING TRAYS - CELL PACKS (TRUE SERIES INSERT)	606	10 x 20	3 ¼	323	5	15	37	535	321	428	1,337
	804	10 x 20	2 ¾	316	5	15	38	547	328	437	1,367
	806	10 x 20	2 ¾	281	6	17	43	615	369	492	1,537
	1004	10 x 20	2 ¾	292	6	17	41	592	355	473	1,479
	1201	10 x 20	2 ¾	359	5	13	34	481	289	385	1,203
	1203	10 x 20	2 ½	320	5	15	38	540	324	432	1,350
	1204	10 x 20	2 ¼	264	7	18	46	655	393	524	1,636
	1206	10 x 20	2 ¾	238	7	20	51	726	436	581	1,815
	1801	10 x 20	3 ⅝	398	4	12	30	434	261	347	1,085
	1803	10 x 20	2 ¾	217	8	22	56	796	478	637	1,991
STANDARD POTS	3"	3	2 ¾	14	123	346	864	12,343	7,406	9,874	30,857
	3.5"	3 ½	3	20	86	242	605	8,640	5,184	6,912	21,600
	4"	4	3 ½	28	62	173	432	6,171	3,703	4,937	15,429
	4.5"	4 ½	3 ¾	40	43	121	302	4,320	2,592	3,456	10,800
	5"	5	5	66	26	73	183	2,618	1,571	2,095	6,545
	6"	6	5 ¾	112	15	43	108	1,543	926	1,234	3,857
	8"	8	6 ¾	231	7	21	52	748	449	598	1,870
	8"	8 ¾	5 ½	178	10	27	68	971	582	777	2,427
HANGING BASKETS	10"	10 ¾	6 ¾	329	5	15	37	525	315	420	1,313
	11"	10 ⅝	6 ½	400	4	12	30	432	259	346	1,080
	12"	12 ¾	7 ½	550	3	9	22	314	189	251	785
PERENNIAL & NURSERY CONTAINERS	3.5"sq	3 ½	4	34	51	142	356	5,082	3,049	4,066	12,706
	4.5"sq	4 ½	5	58	30	83	209	2,979	1,788	2,383	7,448
	5.5"sq	5 ¾	6 ⅝	124	14	39	98	1,394	836	1,115	3,484
	1 quart	4 ½	4 ½	55	31	88	220	3,142	1,885	2,513	7,855
	1 gal	6 ¼	6 ⅝	146	12	33	83	1,184	710	947	2,959
	300	6 ½	7	173	10	28	70	997	598	798	2,494
	600	8 ½	8 ½	462	4	10	26	374	224	299	935
	1200	11	9 ⅝	692	2	7	17	250	150	200	624
		Top	Height	Vol. (Cu. in.)	1 CF.	2.8 CF	3.8 C.F				
8" Mum Pan		8.00"	5.00"	204.4	9	25	57				
9" Mum Pan		9.00"	6.25"	291	6	17	39				

To Determine Shipping Charges

Take first 3 digits of your Zip Code and refer to the chart below to determine which zone you are in, then take your lb. amount that you find behind the prices in shaded **lb.** box and go on the rate chart on full cases. When putting a variety of items in a box, every 30 lbs. starts a new box. Any item that does not have the **lb.** box behind it needs to ship with motor freight. Due to dimensional weight (size of box) charges from UPS, some items will show a heavier weight than they actually weigh. Any roll or item that is not encased in a cardboard box has \$14.00 extra charge per item.

Seed orders with total weight not over 1/4 lb. ship by mail for \$6.50.

Due to surcharges from UPS there is a \$3.00 additional charge per UPS order.

UPS GROUND RATES

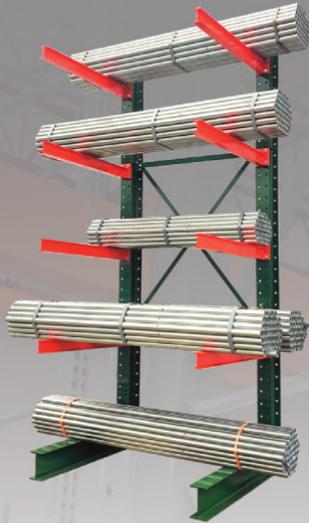
zip code		zone	zip code		zone	zip code		zone
004-005	4	363-367	5	677-679	6			
006-007	-	368	4	680-689	5			
008	-	369	5	690-691	6			
009	-	370-375	4	692	5			
010-042	4	376	3	693	6			
043-049	5	377-386	4	700-722	5			
050-089	4	387	5	723-724	4			
090-099	-	388	4	725-732	5			
100-129	4	389-397	5	733	6			
130-132	3	399	4	734-737	5			
133-136	4	400-418	3	738-739	6			
137-146	3	420-424	4	740-759	5			
147	2	425-427	3	760-797	6			
148-149	3	430-449	2	798-799	7			
150-167	2	450-454	3	800-812	6			
168-179	3	455-458	2	813-815	7			
180-181	4	459-462	3	816-820	6			
182	3	463-464	4	821	7			
183	4	465-474	3	822-828	6			
184-188	3	475-478	4	829-834	7			
189-194	4	479	3	835	8			
195-199	3	480-483	2	836-837	7			
200-214	3	484-496	3	838	8			
215	2	497-499	4	840-853	7			
216-217	3	500-505	5	854	8			
218	4	506-507	4	855-863	7			
219-232	3	508-516	5	864	8			
233-238	4	520-539	4	865-874	7			
239-259	3	540	5	875-877	6			
260-267	2	541-547	4	878-880	7			
268	3	548	5	881-882	6			
270	4	549	4	883	7			
271	3	550-558	5	884	6			
272-299	4	559	4	885	7			
300-314	4	560-576	5	889-892	8			
315-317	5	577	6	893	7			
318-319	4	580-584	5	894-897	8			
320-329	5	585-588	6	898	7			
330-332	6	590-591	7	900-961	8			
333-339	5	592-593	6	962-966	-			
340	-	594-599	7	967-968	-			
341-349	5	600-639	4	969	-			
350-353	4	640-649	5	970-978	8			
354	5	650-652	4	979	7			
355-359	4	653	5	980-994	8			
360-361	5	654-655	4	995-999	-			
362	4	656-676	5					

LBS	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8
1	\$16.47	\$16.55	\$16.62	\$16.70	\$16.89	\$17.75	\$17.82
2	\$16.61	\$16.68	\$16.74	\$16.82	\$17.42	\$18.32	\$18.42
3	\$16.73	\$16.80	\$16.88	\$16.94	\$17.96	\$18.87	\$19.05
4	\$16.86	\$16.94	\$17.00	\$17.18	\$18.50	\$19.44	\$19.67
5	\$16.98	\$17.06	\$17.13	\$17.61	\$19.04	\$20.00	\$20.28
6	\$17.12	\$17.18	\$17.33	\$18.05	\$19.56	\$20.57	\$20.91
7	\$17.24	\$17.31	\$17.66	\$18.48	\$21.60	\$21.14	\$21.53
8	\$17.37	\$17.43	\$18.00	\$18.92	\$20.64	\$21.69	\$22.14
9	\$17.49	\$17.57	\$18.35	\$19.35	\$21.17	\$22.26	\$22.77
10	\$17.63	\$17.76	\$18.68	\$19.79	\$21.71	\$22.82	\$23.39
11	\$17.75	\$17.99	\$19.02	\$20.22	\$22.25	\$23.39	\$24.00
12	\$17.88	\$18.21	\$19.35	\$20.67	\$22.79	\$23.96	\$24.63
13	\$18.00	\$18.44	\$19.70	\$21.11	\$23.31	\$24.51	\$25.25
14	\$18.12	\$18.66	\$20.03	\$21.54	\$23.85	\$25.08	\$25.86
15	\$18.26	\$18.89	\$20.37	\$21.98	\$24.39	\$25.64	\$26.49
16	\$18.38	\$19.11	\$20.70	\$22.41	\$24.93	\$26.21	\$27.11
17	\$18.51	\$19.34	\$21.05	\$22.85	\$25.46	\$26.78	\$27.74
18	\$18.63	\$19.56	\$21.39	\$23.28	\$26.00	\$27.33	\$28.35
19	\$18.77	\$19.79	\$21.72	\$23.73	\$26.54	\$27.90	\$28.97
20	\$18.89	\$20.01	\$22.07	\$24.17	\$27.06	\$28.46	\$29.60
21	\$19.02	\$20.24	\$22.40	\$24.60	\$27.60	\$29.03	\$30.21
22	\$19.14	\$20.46	\$22.74	\$25.04	\$28.14	\$29.60	\$30.83
23	\$19.28	\$20.70	\$23.07	\$25.47	\$28.68	\$30.15	\$31.46
24	\$19.40	\$20.93	\$23.42	\$25.91	\$29.21	\$30.72	\$32.07
25	\$19.52	\$21.15	\$23.75	\$26.34	\$29.75	\$31.28	\$32.69
26	\$19.65	\$21.38	\$24.09	\$26.79	\$30.29	\$31.85	\$33.32
27	\$19.77	\$21.60	\$24.44	\$27.23	\$30.81	\$32.42	\$33.93
28	\$19.91	\$21.83	\$24.77	\$27.66	\$31.35	\$32.97	\$34.56
29	\$20.03	\$22.05	\$25.11	\$28.10	\$31.89	\$33.54	\$35.18
30	\$20.16	\$22.28	\$25.44	\$28.53	\$32.43	\$34.10	\$35.79
31	\$20.28	\$22.50	\$25.79	\$28.97	\$32.96	\$34.67	\$36.42
32	\$20.42	\$22.73	\$26.12	\$29.40	\$33.50	\$35.24	\$37.04
33	\$20.54	\$22.95	\$26.46	\$29.85	\$34.04	\$35.79	\$37.65
34	\$20.67	\$23.18	\$26.81	\$30.29	\$34.56	\$36.36	\$38.28
35	\$20.79	\$23.40	\$27.14	\$30.72	\$35.10	\$36.92	\$38.90
36	\$20.93	\$23.63	\$27.48	\$31.16	\$35.64	\$37.49	\$39.51
37	\$21.05	\$23.85	\$27.81	\$31.59	\$36.18	\$38.06	\$40.14
38	\$21.17	\$24.08	\$28.16	\$32.04	\$36.71	\$38.61	\$40.76
39	\$21.30	\$24.30	\$28.49	\$32.46	\$37.25	\$39.18	\$41.37
40	\$21.42	\$24.53	\$28.83	\$32.91	\$37.79	\$39.74	\$42.00
41	\$21.56	\$24.75	\$29.16	\$33.35	\$38.33	\$40.31	\$42.62
42	\$21.68	\$24.98	\$29.51	\$33.78	\$38.85	\$40.88	\$43.25
43	\$21.81	\$25.20	\$29.85	\$34.22	\$39.39	\$41.43	\$43.86
44	\$21.93	\$25.43	\$30.18	\$34.65	\$39.93	\$42.00	\$44.48
45	\$22.07	\$25.65	\$30.53	\$35.09	\$40.46	\$42.56	\$45.11
46	\$22.19	\$25.88	\$30.86	\$35.52	\$41.00	\$43.13	\$45.72
47	\$22.32	\$26.10	\$31.20	\$35.97	\$41.54	\$43.70	\$46.34
48	\$22.44	\$26.34	\$31.53	\$36.41	\$42.08	\$44.25	\$46.97
49	\$22.58	\$26.57	\$31.88	\$36.84	\$42.60	\$44.82	\$47.58
50	\$22.70	\$26.79	\$32.21	\$37.28	\$43.14	\$45.38	\$48.20
51	\$55.82	\$60.02	\$65.55	\$70.71	\$76.68	\$78.95	\$81.83
52	\$55.95	\$60.24	\$65.90	\$71.15	\$77.21	\$79.52	\$82.44
53	\$56.07	\$60.47	\$66.23	\$71.58	\$77.75	\$80.07	\$83.07
54	\$56.21	\$60.69	\$66.49	\$72.03	\$78.29	\$80.64	\$83.69
55	\$56.33	\$60.92	\$66.90	\$72.47	\$78.83	\$81.20	\$84.30
56	\$56.46	\$61.14	\$67.25	\$72.90	\$79.35	\$81.77	\$84.93
57	\$56.58	\$61.37	\$67.58	\$73.34	\$79.89	\$82.34	\$85.55
58	\$56.72	\$61.59	\$67.92	\$73.77	\$80.43	\$82.89	\$86.16
59	\$56.84	\$61.82	\$68.27	\$74.21	\$80.96	\$83.46	\$86.79
60	\$56.97	\$62.04	\$68.60	\$74.64	\$81.50	\$84.02	\$87.41
61	\$57.09	\$62.27	\$68.94	\$75.08	\$82.04	\$84.59	\$88.02
62	\$57.23	\$62.49	\$69.27	\$75.53	\$82.58	\$85.16	\$88.65
63	\$57.35	\$62.72	\$69.62	\$75.96	\$83.10	\$85.71	\$89.27
64	\$57.47	\$62.94	\$69.95	\$76.40	\$83.64	\$86.28	\$89.88
65	\$57.60	\$63.17	\$70.29	\$76.83	\$84.18	\$86.84	\$90.51
66	\$57.72	\$63.39	\$70.62	\$77.27	\$84.72	\$87.41	\$91.13
67	\$57.86	\$63.62	\$70.97	\$77.70	\$85.25	\$87.98	\$91.76
68	\$57.98	\$63.84	\$71.31	\$78.14	\$85.79	\$88.53	\$92.37
69	\$58.11	\$64.07	\$71.64	\$78.59	\$86.33	\$89.10	\$92.99
70	\$58.23	\$64.29	\$71.99	\$79.02	\$86.85	\$89.66	\$93.62

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To Determine Shipping Charges

Take first 3 digits of your Zip Code and refer to the chart below to determine which zone you are in, then take your lb. amount that you find behind the prices in shaded **lb.** box and go on the rate chart on full cases. When putting a variety of items in a box, every 30 lbs. starts a new box. Any item that does not have the **lb.** box behind it needs to ship with motor freight. Due to dimensional weight (size of box) charges from UPS, some items will show a heavier weight than they actually weigh. Any roll or item that is not encased in a cardboard box has \$14.00 extra charge per item.

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 **ZONE CHART**
 For Shippers with ZIP Codes 44601 to 44799

Service to 48 Continental United States
 To determine zone, take first three digits of ZIP Code to which parcel is addressed and refer to chart below.

zip code	zone	zip code	zone	zip code	zone
004-005	4	363-367	5	677-679	6
006-007	-	368	4	680-689	5
008	-	369	5	690-691	6
009	-	370-375	4	692	5
010-042	4	376	3	693	6
043-049	5	377-386	4	700-722	5
050-089	4	387	5	723-724	4
090-099	-	388	4	725-732	5
100-129	4	389-397	5	733	6
130-132	3	399	4	734-737	5
133-136	4	400-418	3	738-739	6
137-146	3	420-424	4	740-759	5
147	2	425-427	3	760-797	6
148-149	3	430-449	2	798-799	7
150-167	2	450-454	3	800-812	6
168-179	3	455-458	2	813-815	7
180-181	4	459-462	3	816-820	6
182	3	463-464	4	821	7
183	4	465-474	3	822-828	6
184-188	3	475-478	4	829-834	7
189-194	4	479	3	835	8
195-199	3	480-483	2	836-837	7
200-214	3	484-496	3	838	8
215	2	497-499	4	840-853	7
216-217	3	500-505	5	854	8
218	4	506-507	4	855-863	7
219-232	3	508-516	5	864	8
233-238	4	520-539	4	865-874	7
239-259	3	540	5	875-877	6
260-267	2	541-547	4	878-880	7
268	3	548	5	881-882	6
270	4	549	4	883	7
271	3	550-558	5	884	6
272-299	4	559	4	885	7
300-314	4	560-576	5	889-892	8
315-317	5	577	6	893	7
318-319	4	580-584	5	894-897	8
320-329	5	585-588	6	898	7
330-332	6	590-591	7	900-961	8
333-339	5	592-593	6	962-966	-
340	-	594-599	7	967-968	-
341-349	5	600-639	4	969	-
350-353	4	640-649	5	970-978	8
354	5	650-652	4	979	7
355-359	4	653	5	980-994	8
360-361	5	654-655	4	995-999	-
362	4	656-676	5		

LBS	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8
1	\$10.98	\$11.03	\$11.08	\$11.13	\$11.26	\$11.83	\$11.88
2	\$11.07	\$11.12	\$11.16	\$11.21	\$11.61	\$12.21	\$12.28
3	\$11.15	\$11.20	\$11.25	\$11.29	\$11.97	\$12.58	\$12.70
4	\$11.24	\$11.29	\$11.33	\$11.45	\$12.33	\$12.96	\$13.11
5	\$11.32	\$11.37	\$11.42	\$11.74	\$12.69	\$13.33	\$13.52
6	\$11.41	\$11.45	\$11.55	\$12.03	\$13.04	\$13.71	\$13.94
7	\$11.49	\$11.54	\$11.77	\$12.32	\$14.40	\$14.09	\$14.35
8	\$11.58	\$11.62	\$12.00	\$12.61	\$13.76	\$14.46	\$14.76
9	\$11.66	\$11.71	\$12.23	\$12.90	\$14.11	\$14.84	\$15.18
10	\$11.75	\$11.84	\$12.45	\$13.19	\$14.47	\$15.21	\$15.59
11	\$11.83	\$11.99	\$12.68	\$13.48	\$14.83	\$15.59	\$16.00
12	\$11.92	\$12.14	\$12.90	\$13.78	\$15.19	\$15.97	\$16.42
13	\$12.00	\$12.29	\$13.13	\$14.07	\$15.54	\$16.34	\$16.83
14	\$12.08	\$12.44	\$13.35	\$14.36	\$15.90	\$16.72	\$17.24
15	\$12.17	\$12.59	\$13.58	\$14.65	\$16.26	\$17.09	\$17.66
16	\$12.25	\$12.74	\$13.80	\$14.94	\$16.62	\$17.47	\$18.07
17	\$12.34	\$12.89	\$14.03	\$15.23	\$16.97	\$17.85	\$18.49
18	\$12.42	\$13.04	\$14.26	\$15.52	\$17.33	\$18.22	\$18.90
19	\$12.51	\$13.19	\$14.48	\$15.82	\$17.69	\$18.60	\$19.31
20	\$12.59	\$13.34	\$14.71	\$16.11	\$18.04	\$18.97	\$19.73
21	\$12.68	\$13.49	\$14.93	\$16.40	\$18.40	\$19.35	\$20.14
22	\$12.76	\$13.64	\$15.16	\$16.69	\$18.76	\$19.73	\$20.55
23	\$12.85	\$13.80	\$15.38	\$16.98	\$19.12	\$20.10	\$20.97
24	\$12.93	\$13.95	\$15.61	\$17.27	\$19.47	\$20.48	\$21.38
25	\$13.01	\$14.10	\$15.83	\$17.56	\$19.83	\$20.85	\$21.79
26	\$13.10	\$14.25	\$16.06	\$17.86	\$20.19	\$21.23	\$22.21
27	\$13.18	\$14.40	\$16.29	\$18.15	\$20.54	\$21.61	\$22.62
28	\$13.27	\$14.55	\$16.51	\$18.44	\$20.90	\$21.98	\$23.04
29	\$13.35	\$14.70	\$16.74	\$18.73	\$21.26	\$22.36	\$23.45
30	\$13.44	\$14.85	\$16.96	\$19.02	\$21.62	\$22.73	\$23.86
31	\$13.52	\$15.00	\$17.19	\$19.31	\$21.97	\$23.11	\$24.28
32	\$13.61	\$15.15	\$17.41	\$19.60	\$22.33	\$23.49	\$24.69
33	\$13.69	\$15.30	\$17.64	\$19.90	\$22.69	\$23.86	\$25.10
34	\$13.78	\$15.45	\$17.87	\$20.19	\$23.04	\$24.24	\$25.52
35	\$13.86	\$15.60	\$18.09	\$20.48	\$23.40	\$24.61	\$25.93
36	\$13.95	\$15.75	\$18.32	\$20.77	\$23.76	\$24.99	\$26.34
37	\$14.03	\$15.90	\$18.54	\$21.06	\$24.12	\$25.37	\$26.76
38	\$14.11	\$16.05	\$18.77	\$21.36	\$24.47	\$25.74	\$27.17
39	\$14.20	\$16.20	\$18.99	\$21.64	\$24.83	\$26.12	\$27.58
40	\$14.28	\$16.35	\$19.22	\$21.94	\$25.19	\$26.49	\$28.00
41	\$14.37	\$16.50	\$19.44	\$22.23	\$25.55	\$26.87	\$28.41
42	\$14.45	\$16.65	\$19.67	\$22.52	\$25.90	\$27.25	\$28.83
43	\$14.54	\$16.80	\$19.90	\$22.81	\$26.26	\$27.62	\$29.24
44	\$14.62	\$16.95	\$20.12	\$23.10	\$26.62	\$28.00	\$29.65
45	\$14.71	\$17.10	\$20.35	\$23.39	\$26.97	\$28.37	\$30.07
46	\$14.79	\$17.25	\$20.57	\$23.68	\$27.33	\$28.75	\$30.48
47	\$14.88	\$17.40	\$20.80	\$23.98	\$27.69	\$29.13	\$30.89
48	\$14.96	\$17.56	\$21.02	\$24.27	\$28.05	\$29.50	\$31.31
49	\$15.05	\$17.71	\$21.25	\$24.56	\$28.40	\$29.88	\$31.72
50	\$15.13	\$17.86	\$21.47	\$24.85	\$28.76	\$30.25	\$32.13
51	\$37.21	\$40.01	\$43.70	\$47.14	\$51.12	\$52.63	\$54.55
52	\$37.30	\$40.16	\$43.93	\$47.43	\$51.47	\$53.01	\$54.96
53	\$37.38	\$40.31	\$44.15	\$47.72	\$51.83	\$53.38	\$55.38
54	\$37.47	\$40.46	\$44.33	\$48.02	\$52.19	\$53.76	\$55.79
55	\$37.55	\$40.61	\$44.60	\$48.31	\$52.55	\$54.13	\$56.20
56	\$37.64	\$40.76	\$44.83	\$48.60	\$52.90	\$54.51	\$56.62
57	\$37.72	\$40.91	\$45.05	\$48.89	\$53.26	\$54.89	\$57.03
58	\$37.81	\$41.06	\$45.28	\$49.18	\$53.62	\$55.26	\$57.44
59	\$37.89	\$41.21	\$45.51	\$49.47	\$53.97	\$55.64	\$57.86
60	\$37.98	\$41.36	\$45.73	\$49.76	\$54.33	\$56.01	\$58.27
61	\$38.06	\$41.51	\$45.96	\$50.05	\$54.69	\$56.39	\$58.68
62	\$38.15	\$41.66	\$46.18	\$50.35	\$55.05	\$56.77	\$59.10
63	\$38.23	\$41.81	\$46.41	\$50.64	\$55.40	\$57.14	\$59.51
64	\$38.31	\$41.96	\$46.63	\$50.93	\$55.76	\$57.52	\$59.92
65	\$38.40	\$42.11	\$46.86	\$51.22	\$56.12	\$57.89	\$60.34
66	\$38.48	\$42.26	\$47.08	\$51.51	\$56.48	\$58.27	\$60.75
67	\$38.57	\$42.41	\$45.31	\$51.80	\$56.83	\$58.65	\$61.17
68	\$38.65	\$42.56	\$47.54	\$52.09	\$57.19	\$59.02	\$61.58
69	\$38.74	\$42.71	\$47.76	\$52.39	\$57.55	\$59.40	\$61.99
70	\$38.82	\$42.86	\$47.99	\$52.68	\$57.90	\$59.77	\$62.41

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