

# Brookdale Farm Supplies

## 2022 Catalog



**Growing Supplies, Specialty Equipment,  
Harvest Containers, and Irrigation Products**

### **Brookdale Fruit Farm Inc.**

**38 Broad Street PO Box 389 Hollis, NH 03049**

**Phone 603-465-2240 Fax 603-465-3754**

Additional items posted online in PDF format at [www.brookdalefruitfarm.com](http://www.brookdalefruitfarm.com)

**Store Hours Monday to Friday 8:00 AM – 5:00 PM**

**Saturday 8:00 AM – 2:00 PM**



**Dear Valued Customer:**

THANK YOU for your support and use of our Farm Supply Products. Thank you for your patience as we all worked through the challenges of this past year. Our new warehouse is now full and ready for the season. We carry the following items in this catalog and have in stock or access to many other items. If you are looking for a specific item please call for availability. Quantity discounts are available as well as design services. Due to tariffs steel products and others will likely have price increases throughout the year. Everything we offer in this catalog has been field tested and proven on our own farm as well as others. If you have questions about a product please call. **Pricing subject to change without notice.** We do our very best to stock every item, in the case of a shortage, substitute equivalent products may be used.

**Terms and Conditions**

**Payment Terms:** We accept Cash, Checks, Visa or Mastercard. Payment is to be made before shipment or at the time of pickup of product. Credit Card purchases over \$1000.00 are subject to a 2% service fee. Any Unpaid balances are subject to a 3% monthly finance charge. To keep prices low, we will no longer offer Charge Accounts.

**Shipping:** We ship daily using UPS or USPS and for large orders we can arrange a Common Carrier. We can also deliver at a low cost. All shipping costs are paid by the customer. Shipping errors, shortages and or damage must be reported within 10 days of receipt. Shipping addresses must be supplied correctly from the customer.

**Pickup and Special Orders:** Please allow 3 days for the order to be pulled prior to pick up. Orders not picked up in 30 days will be returned to stock. Special ordered items plus shipping costs must be paid for prior to processing an order. No returns offered on special order products.

**Credit Invoices:** In the case of overpayments, cancellations, shortages, returns, defective products, credit invoices will be issued. Credit invoices not used will be mailed annually but after 15 months will be voided.

**Returns:** No merchandise may be returned without authorization from our office. Returns must be communicated and processed within 30 days of sale and are subject to a 25% restocking fee.

**Warranties** are manufacturers' warranties only and none are expressed or implied by Brookdale Farm Supplies.

**Hours:** Office hours are Monday to Friday from 8am to 5 pm and Saturday 8 am to 2 pm, closed at noon for lunch. Pick up may be made during these hours unless prior arrangements have been made. Directions to Brookdale are on the back of catalog. For wholesale fruit and vegetable information and availability please call our office at (603)-465-2240



Biodegradable | Compostable Mulch Film



The Most Trusted Name in Water-Reels®



UNA PASSIONE TUTTA ITALIANA



Checchi & Magli



**Brookdale Fruit Farm, Inc.** is located in south-central New Hampshire and offers a wide selection of irrigation and growing supplies. Our goal is to offer quality irrigation and growing supplies at a fair price throughout the North East region. We are a 7<sup>th</sup> generation family owned and operated fruit and vegetable farm. We use most of the products in our catalog annually and try all products prior to offering them for sale. We are happy to answer any questions you may have and show you how our products work. Our customers enjoy coming to pick up their supplies once a year to get a tour around our farm to see products in use prior to purchasing them. We can help you design an irrigation system to insure low-cost and efficient water application or for NRCS contract needs.



Trevor Hardy

The Brookdale Farm Supplies team consists of Trevor Hardy, Zoe Stapp, David Hetnar, and Mick Twitchell who are your primary sources of contact for orders and pick up. Lenny Scofield and Chuck Twitchell are often seen delivering product to customers in the field. Billing and statement information can be answered by Joan Marcum in our office. Our team is here to help assist you with your growing needs.



Zoe Stapp

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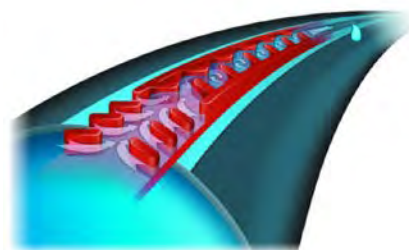
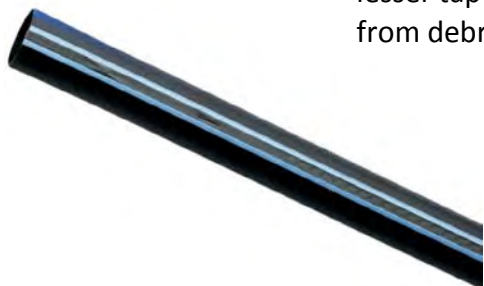




**Ag**

## Toro Aqua Traxx Azul Premium Drip Tape

Aqua-Traxx® drip tape is designed and molded with a high level of precision, resulting in manufacturing consistency over 97 percent — the best in the industry. With Aqua-Traxx, you get greater reliability and more uniform output compared to lesser tapes. Aqua-Traxx Azul offers a new emitter design that protects the labyrinth from debris and maximizes clog resistance and performance.



Thickness	Spacing	Roll Length	Flow Rate gpm/100'	Part Number	Max Run Length*	1-9 Rolls	10+
8 mil	4"	7500'	0.67	EA5080467-750	412'	\$182.00	\$178.00
8 mil	6"	7500'	0.5	EA5080650-750	487'	\$182.00	\$178.00
8 mil	6"	7500'	0.67	EA5080667-750	412'	\$182.00	\$178.00
8 mil	8"	7500'	0.34	EA5080834-750	645'	\$182.00	\$178.00
8 mil	8"	7500'	0.5	EA5080850-750	608'	\$182.00	\$178.00
8 mil	8"	7500'	0.67	EA5080867-750	412'	\$182.00	\$178.00
8 mil	12"	7500'	0.22	EA5081222-750	835'	\$182.00	\$178.00
8 mil	12"	7500'	0.45	EA5081245-750	524'	\$182.00	\$178.00
15 mil	8"	4000'	0.5	EA5150850-400	608'	\$196.00	\$191.00
15 mil	12"	4000'	0.22	EA5151222-400	835'	\$196.00	\$191.00
15 mil	12"	4000'	0.45	EA5151245-400	524'	\$196.00	\$191.00

Call for 32+ roll pricing

\*All max run lengths calculated equally using 0% slope, 10 PSI inlet, at 90% EU dist. for brand comparisons



Neptune dripline from Toro is ideal for mums, pumpkins, raspberries and blueberries. It can be buried up to 3 inches deep. This dripline has a molded emitter that resists plugging and can handle challenging water as well as heavy feeding. Neptune is a high-quality product with the strength and flexibility needed for easy installation and removal.



Thickness	Spacing	Roll Length	Flow Rate gph/emitter	Part Number	1-9 Rolls	10+
15 mil	24"	4200'	0.16	TW152416-420	\$165.00	\$160.00

While supplies last



Ag

## Toro FlowControl Drip



Scan for more info

Toro FlowControl drip tape is the latest advancement in precision drip irrigation. FlowControl is the only flow-regulating drip tape available — giving you more control and uniformity wherever you farm. The innovative flow-regulating design provides you with the flexibility to increase or decrease flow while maintaining a uniform output across changing elevations. Now you have more control over how much water your crops get, especially in long runs or hilly terrain, where water pressure can vary throughout the run. FlowControl is ideal for hemp and other heavy feeding crops.

### BENEFITS OF FLOWCONTROL

#### vs. Standard Drip Tape

- ▶ High uniformity on longer runs and hilly terrain
- ▶ Improved system performance as a result of better irrigation uniformity
- ▶ Increased planting and harvesting efficiency by farming longer lengths of run
- ▶ Eliminate extra manifolds and labor-intensive jumpers (micro-tubing used to regulate pressure)

#### vs. Pressure-Compensating Tape

- ▶ Retain flexibility to increase or decrease application rate for greater control over watering and scheduling decisions
- ▶ Available in a wider range of thicknesses to meet the needs of all farming applications, including more affordable 5/8-inch 6mil and 7/8-inch 8mil
- ▶ One price for any emitter spacing from 6 – 24 inches, giving you the wetting pattern you want without paying a premium
- ▶ Designed with patented PBX technology for increased durability, clog resistance and uniform output



ADVANTAGE

1

### MORE UNIFORM OUTPUT FOR ANY TERRAIN

#### STANDARD TAPE

Standard tapes stress plants and reduce yield and efficiency by over- or under-watering as pressure changes throughout the run.

**RESULT:** Wasted water and fertilizer, stressed plants and reduced yields.

#### FLOWCONTROL™

Toro FlowControl 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.

**RESULT:** More uniform plants and higher yields even in hilly terrain that might otherwise be impractical to farm.



Thickness	Spacing	Roll Length	Flow Rate gpm/100'	Part Number	Max Length of Run*	1-9 Rolls	10+
8 mil	6"	7500'	0.67	E AFC5080667-750	493'	\$211.00	\$205.00
8 mil	8"	7500'	0.5	E AFC5080850-750	591'	\$211.00	\$205.00
8 mil	12"	7500'	0.22	E AFC5081222-750	1008'	\$211.00	\$205.00
8 mil	12"	7500'	0.34	E AFC5081234-750	762'	\$211.00	\$205.00
8 mil	12"	7500'	0.45	E AFC5081245-750	633'	\$211.00	\$205.00
10 mil	12"	6000'	0.22	E AFC5101222-600	1008'	\$215.00	\$211.00
15 mil	6"	4000'	0.67	E AFC5150667-400	493'	\$218.00	\$213.00
15 mil	8"	4000'	0.5	E AFC5150850-400	591'	\$128.00	\$213.00
15 mil	12"	4000'	0.22	E AFC5151222-400	1008'	\$218.00	\$213.00

Call for 32+ roll pricing

\*All max run lengths calculated equally using 0% slope, 10 PSI inlet, at 90% EU dist. for brand comparisons



## Drip Irrigation Tape

**Streamline X** from Netafim is a thinwall, non-pressure compensating, drip line with an injected molded dripper. This new extra tough dripline has a ribbed surface to act as a barrier between the ground and install tube making installation and retrieval smoother with less punctures. The injection molded drippers are welded into a wall of seamless tubing, the dripper has flap outlet protection which reduces soil ingestion and root intrusion throughout the season. 120 mesh filtration

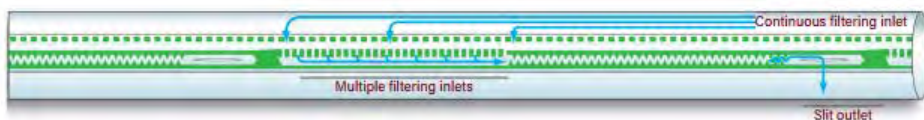


Thickness	Spacing	Roll Length	Flow Rate	Part Number	Max Run length*	1-9 Rolls	10+
8 mil	12"	9000'	0.22	SLX63808.16-12	830'	\$ 195.00	\$ 190.00
8 mil	12"	9000'	0.36	SLX63808.24-12	620'	\$ 195.00	\$ 190.00
8 mil	18"	9000'	0.15	SLX63808.16-18	1090'	\$195.00	\$190.00
8 mil	18"	9000'	0.24	SLX63808.24-18	815'	\$ 195.00	\$ 190.00

Call for 32+ Roll pricing



**Chapin Deluxe** from Jain is a high quality, non-pressure compensating drip tape. It offers a continuous filtration channel to keep the debris away from the flow path and allows the tape to purge by flushing, ensuring high performance and extending the life of the tape. The slit design outlet will help prevent root intrusion and soil ingestion.



Thickness	Spacing	Roll Length	Flow Rate gpm/100	Part Number	Max Run length*	1-9 Rolls	10+
8 mil	8"	7500'	0.85	DLX580808085-075	528'	\$ 182.00	\$178.00
8 mil	12"	7500'	0.25	DLX58081225-075	828'	\$182.00	\$178.00
8 mil	12"	7500'	0.5	DLX58081250-075	528'	\$182.00	\$ 178.00
15 mil	12"	4000'	0.2	DLX58151225-400	958'	\$ 192.00	\$ 188.00

Call for 32+ Roll pricing



**T-Tape** from Rivulis is a non-pressure compensating drip tape. T-tape's vortex labyrinth design creates a high degree of turbulence to help prevent clogging. High numbers of inlet filters provide outstanding clogging resistance. Upon water shut off the slit outlet collapses to help prevent soil ingestion and reduce root intrusion.



Thickness	Spacing	Roll Length	Flow Rate	Part Number	Max run length*	1-9 Rolls	10+
8 mil	6"	7500'	0.45	TT508-06-450	490'	\$182.00	\$178.00
8 mil	8"	7500'	0.5	TT508-08-500	450'	\$182.00	\$178.00
8 mil	12"	7500'	0.22	TT508-12-220	770'	\$182.00	\$178.00
8 mil	12"	7500'	0.45	TT508-12-450	490'	\$182.00	\$178.00

















Call for 32+ Roll pricing

\*All max run lengths calculated equally using 0% slope, 10 PSI inlet, at 90% EU dist. for brand comparisons



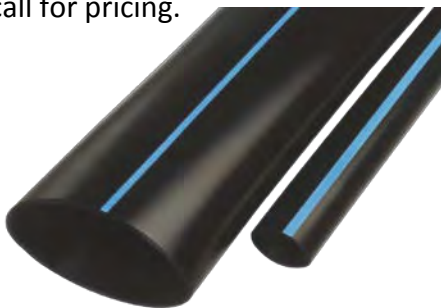
## Drip Tape Fittings for Tape

For use with all brands of drip tape

Starters with Valves	Starters	Couplers
FTV5-420BN 5/8" 1-100 \$1.50 101+..\$1.45 FTV7-420B 7/8" 1-100..\$2.00 101+..\$1.75 	FTA5-400b 5/8" 1-49..\$0.40 50+..\$0.38 FTA7-400b 7/8" 1-49...\$0.75 50+..\$0.70 	FTC500 5/8" 1-49..\$0.60 50+..\$0.56 FTC700 7/8" 1-49..\$0.00 50+..\$0.56 
End Cap	Jain's Starter with Valve	Inline Valve
FTA5-end 5/8" \$0.55 	FTV5-420R 5/8" \$2.00 	FTV500 5/8" \$2.00 FTV700 7/8" \$2.25 
Elbow Coupler	Tee Coupler	Drip tape x lay flat
FTE500 5/8" \$1.50 FTE700 7/8" \$2.00 	FTT500 5/8" \$1.50 FTT700 7/8" \$2.00 	FTA5-LF 5/8" \$1.50 FTA7-LF 7/8" \$2.00 
Drip tape x male pipe thread	Drip tape x F Garden Hose	Drip tape x lay flat with valve
FPTE500 5/8" \$1.25 	FTA5-75FHS 5/8" \$1.50 	FTV5-LF 5/8" \$1.75 FTV7-LF 7/8" \$1.75 
Self-Flushing end cap	Starters, 250 series barb	Goof Plug
TSFE500 5/8" \$1.50 	FTA5-250B 5/8" \$0.40 	GP420 Each..... \$0.40 Bag of 50 \$20.00 
Insert Tool	Lay Flat Insert Tool	Lay Flat Punch Tool
INS400AL \$30.00 Use with starters w/ valves & starters Replacement tip: \$15 	FTA5-LF \$10.00 	LFCUT16 16mm \$85.00 LFCUT19 19mm \$85.00 

### Toro Blue Stripe Header Hose

A low-pressure headline that is used as a supply for drip irrigation and micro sprinklers. This product can be driven over and used for multiple seasons. Multi roll discounts call for pricing.



Size	Length	Color	Part Number	Price
1/2"	500'	Black	t055b	\$65.00
1/2"	1000'	Black	t051b	\$120.00
1/2"	500'	White	t055w	\$65.00
3/4"	100'	Black	t071b	\$20.00
3/4"	500'	Black	t075b	\$70.00
3/4"	500'	White	t075w	\$70.00
1"	250'	Black	t120b	\$60.00
1"	500'	Black	t150b	\$104.00
1"	660'	White	t166w	\$135.00
1 1/2"	300'	Black	tf153	\$95.00
1 1/2"	600'	Black	tf156	\$144.00
2"	150'	Black	tf215	\$60.00
2"	450'	Black	tf245	\$136.00

## Row Plastic



Embossed plastic, the stretchy film. It lays easily over raised beds and uniformly molds to the shape of the bed. The embossing technology allows the plastic to be wind resistant and reduces lifting. UV treated so it lasts the season and is easy to pick up in the fall. The toughest plastic that resists tearing and is best for raised beds. Plastic comes 16 rolls to a pallet. Prices below are per roll. Full pallet discounts, \$2.00 per roll less

### 1 Mil Black Embossed

Most common Grower preferred plastic

Size	Part Number	Weight	Price
3' x 4000'	BEM3641	60 lbs.	\$108.00
4' x 2000'	BEM4821	39 lbs.	\$70.00
4' x 4000'	BEM4841	77 lbs.	\$135.00
5' x 2000'	BEM6021	48 lbs.	\$87.00
5' x 4000'	BEM6041	100 lbs.	\$168.00
6' x 2000'	BEM7221	71 lbs.	\$110.00

### 1.25 Mil Black Embossed

Thicker plastic, easier to pick up  
Ideal for rocky ground or curvy rows

Size	Part Number	Weight	Price
4' x 2000'	BEM482125	48 lbs.	\$88.00
4' x 4000'	BEM484125	96 lbs.	\$168.00
5' x 2000'	BEM602125	60 lbs.	\$115.00
5' x 4000'	BEM604125	120 lbs.	\$215.00

### 1.5 Mil Black Embossed

Great for multi-year crops / Strawberries

Size	Part Number	Weight	Price
4' x 2000'	BEM48215	58 lbs.	\$115.00
5' x 2000'	BEM60215	72 lbs.	\$140.00

## Clear Plastic

Clear plastic can increase soil temperature, solarize beds, fumigation, ideal for early corn.

### 0.8 Mil Clear

Size	Part Number	Weight	Price
5' x 4000'	C6048	77 lbs.	\$134.00
6' x 4000'	C7248	93 lbs.	\$130.00

### 1 Mil Clear

Size	Part Number	Weight	Price
4' x 4000'	C4841	77 lbs.	\$134.00
5' x 4000'	C6041	96 lbs.	\$167.00
6' x 2000'	C7221	58 lbs.	\$102.50
6' x 4000'	C7241	116 lbs.	\$203.00

### 1.25 Mil Clear

Size	Part Number	Weight	Price
5' x 2000'	C602125	60 lbs.	\$85.00
5' x 4000'	C604125	120 lbs.	\$169.00

### 1.5 Mil Clear

Size	Part Number	Weight	Price
5' x 4000'	C604125	144 lbs.	\$203.00

## Metalized Silver Embossed

Silver helps limit Aphids, Thrips and other insects.

Size	Part Number	Weight	Price
4' x 4000' x 1mil	SM4841	77 lbs.	\$215.00
5' x 4000' x 1 mil	SM6041	100 lbs.	\$267.00

## White on Black Embossed

White on Black plastic decreases soil temperature for heat sensitive crops and is ideal for season extension. The white layer reflects more sunlight into the plant canopy and the buried black layer reduces weed growth. Used for strawberries, lettuce and cole crops.

Size	Part Number	Weight	Price
4' x 4000' x 1mil	WB4841	77 lbs.	\$181.00
5' x 4000' x 1 mil	WB6041	96 lbs.	\$225.00
4' x 4000' x 1.25 mil	WB484125	96 lbs.	\$225.00



## Bio360 Biodegradable & Compostable Mulch Film



100% Biodegradable & Compostable Mulch Film

Made in North America



**COMPOSTABLE**  
IN INDUSTRIAL FACILITIES

Check locally, as these do not exist in many communities. Not suitable for backyard composting. CERT # 10528850



### Black

Size	Mil	Part Number	Weight	Price
3' x 4000'	0.6	BIO3646B	54 lbs	\$177.00
4' x 2400'	0.6	BIO48246B	38 lbs.	\$142.00
4' x 4000'	0.6	BIO4846B	67 lbs.	\$235.00
4' x 4000'	0.8	BIO4848B	84 lbs.	\$314.00
53" x 4000'	0.6	BIO5346B	78 lbs.	\$272.00
5' x 4000'	0.6	BIO6046B	79 lbs.	\$300.00
5' x 4000'	0.8	BIO6048B	105 lbs	\$393.00

### White on Black

Size	Mil	Part Number	Weight	Price
3' x 4000'	0.6	BIO3646WB	53 lbs.	\$320.00
4' x 4000'	0.6	BIO4846WB	70 lbs.	\$372.50
4 x 4000'	0.8	BIO4848WB	84 lbs.	\$426.00
5' x 4000	0.6	BIO6046WB	115 lbs.	\$400.00

### Clear

Size	Mil	Part Number	Weight	Price
4' x 4000'	0.5	BIO4845C	63 lbs	\$210.00
4' x 4000'	0.6	BIO4846C	78 lbs.	\$245.00
5' x 4000	0.5	BIO6045C	75 lbs	\$270.00
5' x 4000	0.6	BIO6046C	82 lbs.	\$305.00

### Colored

Size	Color	Part Number	Weight	Price
4' x 4000'	gray/black	BIO4846GB	67 lbs	\$320.00
5' x 4000	gray/black	BIO6046GB	79 lbs	\$400.00
4' x 4000'	green	BIO4846G	67 lbs	\$331.00

The Biodegradable and Compostable Black Mulch Film - Bio360 is made of Mater-Bi, a bio plastic that is completely biodegradable and compostable according to BPI standards. This biodegradable mulch has the same mechanical and physical characteristics as plastic mulch without the negative impact on the environment. Bio360 breaks down with organic matter in the soil. The 0.6 mil thick material is ideal for peppers, tomatoes, and cucurbit crops. The 0.8 mil works best with melon's and winter squash. Soil condition drives the biodegradable characteristics of this plastic. Varying soil conditions will impact plastic differently. It is best to start with the 0.6 mil and determine after a year's use if a thicker or thinner material is desired. **Call for pricing on 20+ rolls.**



## Floating Row Cover

A non-woven fabric that is tear resistant and protects against cold temperatures, wind, and insects. It allows for an earlier harvest season in the spring and a later harvest in the fall. It raises the soil temperature and air temperature by several degrees depending on weight. A light weight product for young plants yet sturdy enough to last the seasons. UV treated for stabilization. Best used in field with hoop structures and held down with sand bags or buried with native soil. 36' and larger sizes have reinforced edges for superior hold down strength. Widths up to 7' can ship UPS all other sizes ship freight.

**Other sizes and weights available**

### Pro19 Light Weight, offers 2-4° Protection (0.6 oz)

85% light transmission

Size	Part Number	Price
6 x 50	RC06005019	\$25.00
5 x 1000	RC05100019	\$86.00
6 x 1000	RC06100019	\$108.00
7 x 1000	RC07100019	\$120.00
10 x 500	RC10050019	\$98.00
11 x 1000	RC11100019	\$195.00
15 x 500	RC15050019	\$130.00
15 x 1000	RC16100019	\$258.00
22 x 500	RC22050019	\$190.00
22 x 1000	RC22100019	\$372.00
26 x 500	RC26050019	\$224.00
26 x 1000	RC26100019	\$440.00
36 x 500	RC36050019	\$335.00
36 x 1000	RC36100019	\$660.00
50 x 500	RC50050019	\$445.00
50 x 1000	RC50100019	\$870.00
52 x 500	RC52050019	\$462.00
52 x 1000	RC52100019	\$917.00

### Pro22 Heavy Weight, offers 3-5° Protection (0.8 oz)

79% light transmission

Size	Part Number	Price
7 x 1000	RC07100022	\$150.00
36 x 820	RC36082022	\$630.00

### Pro30 Medium Weight, offers 4-6° Protection (0.9 oz)

75% light transmission

Size	Part Number	Price
7 x 1000	RC07100030	\$200.00
14 x 500	RC14050030	\$206.00
26 x 500	RC26050030	\$461.00
35 x 500	RC35050030	\$485.00
50 x 500	RC50050030	\$703.00

### Pro40 Heavy Weight, offers 5-7° Protection (1.2 oz)

70% light transmission

Size	Part Number	Price
7 x 1000	RC07100040	\$260.00
15 x 500	RC15050040	\$265.00
50 x 500	RC50050040	\$895.00

9





## HiWer Machine



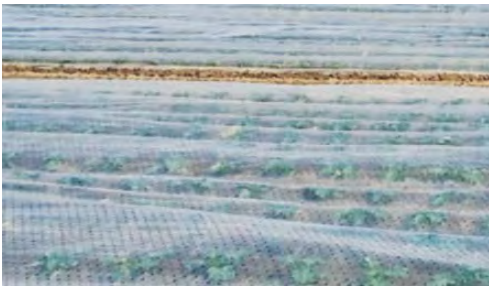
The HiWer machine is used for laying and removing row cover and netting. Row cover can be applied from the roll or from the HiWer reel reducing labor needed to pull the row cover out. Once you are done with the row cover for the season the HiWer machine retrieves it using the reel, it can be stored on the reel for the following season or removed from the reel and thrown away. The HiWer collects the row cover at the front of the tractor and rewinds it as the tractor is moving. The material goes through friction tubes in order to get it tighten on the reel. The spool system helps eliminate tears in the material and standardizes a foot print for storage. Additional spools can be purchased separately for use with multiple fields and covers. Approximately 2.5 acres worth of cover can fit on one spool. Spools can be transported with the machine or rolled across the field by hand. Covers are not twisted during retrieval allowing for easy application for the next use. It is best to remove covers when they are dry. The HiWer requires two double powered hydraulic outlets on the tractor.

HiWer Machine and 1 spool....\$6,700.00

HiWer Spool.....\$400.00



## Clear Perforated Multi-Row Cover



Great for spring use to increase soil temperature. Easily cover multiple rows at a time. Ground and air temperature are increased 3.5-5.5 degrees during the day. Great for tubers, brassicas, sweet corn, strawberries and more.

Size	Mil	Part Number	Price
33 x 328	1.6	RC-P33	\$195.00
39 x 328	1.6	RC-P39	\$230.00

## Livestock Supplies

### Baling Twine, sold in a 2 pack

Length	Color	Knot Strength	Per Pallet	Price
7200'	Blue	190	60	\$64.00
9600'	Blue	170	40	\$76.00

### Silage Wrap, Sila Grow Wrap

30" x 4,920 feet, 5 layers thick, high puncture and tear resistance. UV protection for a full 12 months of outdoor storage. Excellent sealing protection for airtight bales. White Wrap. **\$110.00**



## Row Cover Supplies



### Extra Heavy Black Weed Mat (1.6 oz)

Ideal for between plastic rows, permaculture, blueberries and hops. Allows water and air into the soil. Secured with ground staples or sand bags. Ideal for Organic plasticulture production. Reusable for three years or more. UV stabilized

Size	Part Number	Price
3' x 820'	WM-3820	\$135.00
4' x 820'	WM-4820	\$140.00
4' x 1640'	WM-41640	\$275.00
5' x 820'	WM-5820	\$190.00



### Wire Hoops

Used to support row cover and slitted row plastic. Constructed of high tensile spring steel designed to retain arch in windy/wet conditions, from Kenbar. 76 inches long, sold in bundles of 100.

WH-76 \$120.00 per bundle

### Sand Bags

Black woven sand bags. UV stabilized, long lasting construction, includes draw string.



Bundles of 100 SND100 \$60.00

### Ground Staples

Ideal for holding down weed mat, mum fabric and header hose.

Size	Qty	Part Number	Price
6" x 1"	1000	GS6	\$38.00
8" x 1"	500	GS8	\$44.00



### Woven Ground Cover

Used for covering greenhouse floors/ pathways. Field Mum Fabric, or between rows of plastic. 3.2 oz/sq yard, with stripes every foot.

Size	Part Number	Price
3' x 300' black	WG-303b	\$54.00
4' x 300' black	WG-403b	\$66.00
6' x 300' black	WG-603b	\$108.00
12.5' x 300' black	WG-123b	\$225.00
15.5' x 300' black	WG-153b	\$279.00

### White on Black Woven Ground Cover

Stronger than the black woven cover above. Has white and black strands interwoven. Mostly white on one side, and mostly black on the other. 3.8 oz/sq yard.

Size	Part Number	Price
3' x 300' white/black	WG-303wb	\$66.00
6' x 300' white/black	WG-403wb	\$130.00
12' x 300' white/black	WG-603wb	\$265.50
15' x 300' white/black	WG-123wb	\$325.50

### Silage Tarps

White on black 5 mil reusable plastic. Used to create stale seed beds, plant through, or greenhouse flooring. Stocked in portable sizes and weights. Stocked sizes can ship UPS- larger sizes ship LTL.

Size	Part Number	Price
24' x 100'	ST-245	\$94.00
24' x 100'	ST-241	\$180.00
32' x 100'	ST-3325	\$119.00
32' x 100'	ST-321	\$228.00

### Slitted Row Cover

6' x 1000' x 0.8 mil clear plastic

Item	Part Number	Price
Slitted	RC-S610	\$118.00
Punched	RC-P610	\$118.00





## Growing Supplies

### Tomato Stakes

Honduran Pine Stakes, resistant to warping and shattering, High quality will last for years. 1225 per pallet -1¢ each pallet order

Item	Part Number	Price
48" Pointed	TS-48P	\$0.89
54" Pointed	TS-54P	\$1.00
60" Pointed	TS-60P	\$1.12
72" Pointed	TS-72P	\$2.10



### Tomato Twine- TS-TW

2100 ft, 3 lb Roll or 18 box case

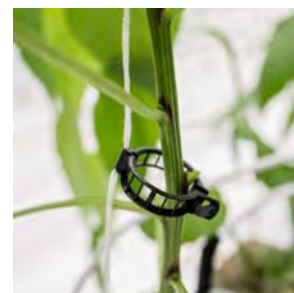
Item	Price
1-9 boxes	\$7.50
10 + boxes	\$7.00



### White Trellis Netting

Designed to support flowers and climbing vegetables. Made from white polypropylene, UV stabilized and resistant to bacteria and mold. 6" square mesh.

Item	Part Number	Price
48" x 328'	TN48	\$58.00
59" x 328'	TN59	\$66.00
78" x 328'	TN78	\$68.00



### Vine Clips

Used when growing tall plants or vine crops to clip the plant to a string or trellis support wire. Ideal for tomatoes, cucumbers, hemp and pepper growers.

Item	Part Number	Price
Box/1,000	BVCB	\$17.00
Case/10,000	BVCC	\$110.00

### Universal Trellis Clips

The clip attaches to the trellis wire keeping the tree standing firm, even when windy. It is easy to install and only requires one hand allowing the other hand to hold the tree straight. Can also be used for berry canes. Call for multiple case pricing.

Item	Item Number	# in Case	Price
2" Small Hook	ETC-2	3000	\$260.00
3" Large Hook	ETC-3	2500	\$260.00





**Kuriyama of  
America, Inc.**

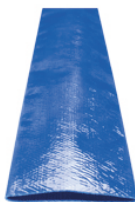
## Pipe and Hoses



### Blue Lay Flat

A multi-purpose pvc economical water hose for use as a main supply line or for a drip header. Sold in 300 foot rolls.

Size	Max PSI	Part Number	Price
1.5"	80 PSI	LFB15	\$125.00
2"	80 PSI	LFB20	\$135.00
3"	70PSI	LFB30	\$250.00



### SJ Mill Hose

Heavy Duty water hose for main lines, water wheel travelers and discharge hose. Cover is a single jacket. Sold in 100 foot rolls.

Size	Max PSI	Part Number	Price
2"	230PSI	SJM20	\$ 98.00
3"	200 PSI	SJM30	\$150.00
4"	200 PSI	SJM40	\$240.00

### Heavy Duty Lay Flat

Heavy Duty water hose for main lines, water wheel travelers and discharge hose. Long lasting and rugged.

Sold in 300 foot rolls

Size	Max PSI	Part Number	Price
1.5"	150 PSI	LFR15	\$290.00
2"	150 PSI	LFR20	\$360.00
3"	150 PSI	LFR30	\$625.00
4"	125 PSI	LFR40	\$890.00



All lay flat call for pricing on 10+ rolls



**SOLARGUARD™**  
ADVANCED UV PROTECTION



### Suction Hose

Tiger flex Solargaurd brand, a high-quality brand that will not kink or collapse.

Size	Part Number	Price per Foot
2"	STY-20	\$4
3"	STY-30	\$6
4"	STY-40	\$9
6"	STC-60	\$14



### PVC Underground Pipe

Available in SDR21 or SCH40.

This PVC pipe is used for buried underground mainlines. It is a bell and gasket slip pipe system. Available in 3-inch, 4-inch, 6-inch and 8-inch. Please call for current pricing and freight quote. This pipe meets NRCS standards for irrigation mainlines.










### Polypipe

For use as mainlines a chiseled in 6" for sub main header. 100 PSI Sold in full coils. ASTM 160 PSI 3" available. stocked in IDR-15 and PE4710 NSF ratings. Controlled ID pipe so standard insert fittings and camlocks install easily.






Size	Length	Part Number	Price
1/2"	100'	PP0510	\$32
1/2"	300'	PP0530	\$96
3/4"	100'	PP0710	\$40
3/4"	300'	PP0730	\$120
1"	100'	PP1010	\$42
1"	300'	PP1030	\$126
1 1/2"	100'	PP1510	\$81
1 1/2"	250'	PP1525	\$202.50
2"	100'	PP2010	\$109
2"	250'	PP2025	\$272.50
2"	300'	PP2030	\$327
2"	500'	PP2050	\$545



## INSERT FITTINGS / CAMLOCKS

Male Adaptors		Female Adaptors		Elbows	
$\frac{3}{4}$ " .....PVCA-07....\$1.00 1" .....PVCA-01....\$1.50 1 $\frac{1}{2}$ " ...PVCA-15....\$1.50 2" .....PVCA-20....\$1.75 3" .....PVCA-30....\$8.50		$\frac{3}{4}$ " .....PCVFA-07....\$2.00 1" .....PVCFA-01.....\$2.25 1 $\frac{1}{2}$ " ...PVCFA-15.....\$3.50 2" .....PVCFA-20.....\$5.75		$\frac{3}{4}$ " .....PVCE-07...\$1.00 1" .....PVCE-01...\$1.05 1 $\frac{1}{2}$ " ...PVCE-15...\$1.50 2" .....PVCE-20...\$2.50 3" .....PVCE-30...\$29.75	
Tees		Couplers		End Plugs	
$\frac{3}{4}$ " .....PVCT-07...\$1.00 1" .....PVCT-10....\$1.25 1 $\frac{1}{2}$ " ...PVCT-15...\$2.25 2" .....PVCT-20....\$4.50 3" .....PVCT-30...\$34.50		$\frac{3}{4}$ " .....PVCC-07....\$0.75 1" .....PVCC-01.....\$1.00 1 $\frac{1}{2}$ " ...PVCC-15....\$1.25 2" .....PVCC-20....\$1.75 3" .....PVCC-30....\$8.00 4" .....PVCC-40....\$26.00		$\frac{3}{4}$ " .....PVCP-07...\$0.90 1" .....PVCP-10....\$1.00 1 $\frac{1}{2}$ " ...PVCP-15...\$1.50 2" .....PVCP-20....\$2.50	
Reducing Couplings		Combo Tees- BxBxFPT		Glue Male Adaptors	
2" x 1" ...PVCRC-2010.....\$2.25 2 x 1 $\frac{1}{2}$ " .PVCRC-2015.....\$2.25		$\frac{3}{4}$ " .....PVCFT-07.....\$2.75 1" .....PVCFT-10.....\$2.50 1 $\frac{1}{2}$ " .....PVCRT-15.....\$5.00 1 $\frac{1}{2}$ " x $\frac{3}{4}$ " .PVCRT-151507.....\$4.00 2" .....PVCFT-20.....\$14.00 2" x $\frac{3}{4}$ " ... PVCRT-202007.....\$4.50		2" ...GMA2.....\$4.50 3" ...GMA3.....\$9.50 4" ...GMA.....\$12.00 3" x 2" reducer...\$23.00	
Combo Elbows					
1 $\frac{1}{2}$ " .....PVCCE-15.....\$6.00 2" .....PVCCE-20.....\$7.00					

1  $\frac{1}{4}$ " insert fittings are also available. They are the same price as the 1  $\frac{1}{2}$ " insert fittings.

Camlock A		Camlock B		Camlock C	
Male x male pipe thread $\frac{3}{4}$ " A.....\$3.50* 1" A.....\$4.00* 1 $\frac{1}{2}$ " A...\$4.75 2" A.....\$6.00 3" A.....\$10.00 4" A.....\$15.50		Female x male pipe thread $\frac{3}{4}$ " B.....\$7.00* 1" B.....\$9.00* 1 $\frac{1}{2}$ " B...\$11.00 2" B.....\$14.00 3" B.....\$21.00 4" B.....\$27.00		Female x barb $\frac{3}{4}$ " C.....\$6.50* 1" C.....\$8.00* 1 $\frac{1}{2}$ " C...\$10.50 2" C.....\$13.00* 3" C.....\$21.50 4" C.....\$30.00	
Camlock D		Camlock E		Camlock F	
Female x female pipe thread $\frac{3}{4}$ " D.....\$6.50* 1" D.....\$9.00* 1 $\frac{1}{2}$ " D...\$12.00 2" D.....\$15.00 3" D.....\$21.50 4" D.....\$31.00		Male x barb $\frac{3}{4}$ " E.....\$4.00* 1" E.....\$4.00* 1 $\frac{1}{2}$ " E...\$5.00 2" E.....\$7.00* 3" E.....\$13.50 4" E.....\$19.00		Male x male pipe thread $\frac{3}{4}$ " F.....\$4.00* 1" F.....\$5.00* 1 $\frac{1}{2}$ " F...\$5.50 2" F.....\$7.50 3" F.....\$13.50 4" F.....\$20.50	
Camlock DP		Camlock DC		Camlock Gaskets	
Male plug $\frac{3}{4}$ " DP.....\$4.00 1" DP.....\$4.00 1 $\frac{1}{2}$ " DP...\$4.75 2" DP.....\$5.00 3" DP.....\$8.00 4" DP.....\$12.00		Female plug $\frac{3}{4}$ " DC.....\$6.50 1" DC.....\$8.00 1 $\frac{1}{2}$ " DC...\$9.50 2" DC.....\$12.00 3" DC.....\$17.00 4" DC.....\$24.00		$\frac{3}{4}$ " ..1"....\$1.00 1 $\frac{1}{2}$ " .....\$1.00 2" .....\$1.50 3" .....\$3.00 4" .....\$3.00 6" .....\$4.50	

\*Polypropylene camlocks are in stock for these sizes. All others can be ordered. 2  $\frac{1}{2}$ " and 6" camlocks are also available. Camlocks stocked in aluminum, they are available in Stainless steel and polypropylene upon request. Conical cone and plate strainers for Camlock fittings also available.

## Clamps and Valves

Note: Prices subject to change due to tariffs



### Hose Clamps

Size	Use	Part Number	Price/each	Price/bag
#12	3/4"	HC-12	\$0.70	\$6.50
#16	1"	HC-16	\$0.70	\$6.50
#24	1.5"	HC-24	\$0.70	\$6.50
#32	2"	HC-32	\$0.70	\$6.50
#52	3"	HC-52	\$1.25	\$10.50
#60	4"	HC-60	\$1.50	\$14.00



### Super Clamps

100% stainless steel ideal for buried lines

Size	Use	Part Number	Price
40-43	1.5" Layflat	SS-4043	\$6.50
47-51	1.5" Suction	SS-4751	\$7.00
52-55	2" Layflat	SS-5255	\$7.00
56-59	Polypipe	SS-5659	\$9.00
79-85	3" Layflat	SS-7985	\$9.00
86-91	3" Suction	SS-8691	\$9.50
104-112	4" Layflat	SS-1011	\$10.00
162-174	6" Layflat	SS-1617	\$15.25

### Pressure Gauges

Liquid filled stainless steel, high accuracy

Size	Part Number	Price
0-60 PSI	PG-060	\$14.00
0-100 PSI	PG-100	\$14.00
0-200 PSI	PG-200	\$14.00
0-300 PSI	PG-300	\$14.00



### Brass Gate Valves

Size	Part Number	Price
1"	BGV-10	\$14.75
1 1/2"	BGV-15	\$27.00
2"	BGV-20	\$40.00
3"	BGV-230	\$102.00
4"	BGV-40	\$160.00



### Pressure Relief Valves

Size	Part Number	Price
3/4" 75 PSI	PRV-75	\$10.00
3/4" 100 PSI	PRV-100	\$10.00

### Foot valves for Suction Hose

Size	Part Number	Price
2"	FV-20	\$25.00
3"	FV-630	\$70.00
4"	FV-40	\$110.00



3" Poppet Design

### PVC Ball Valves—1/4 turn

Socket or Thread

Size	Type	Part Number	Price
1/2"	Thread	PBV-05T	\$3.00
3/4"	Thread	PBV-07T	\$3.50
3/4"	Glue	PBV-07G	\$3.50
1"	Thread	PBV-10T	\$4.00
1"	Glue	PBV-10G	\$4.00
1 1/2"	Thread	PBV-15T	\$9.00
1 1/2"	Glue	PBV-15G	\$9.00
2"	Thread	PBV-20T	\$12.00
2"	Glue	PBV-20G	\$12.00



### Metal Ball Valves—1/4 turn

Size	Metal	Part Number	Price
3/4"	Brass	BBV-07b	\$11.50
1"	Brass	BBV-10b	\$19.00
1 1/2"	Brass	BBV-15b	\$38.00
2"	Brass	BBV-20b	\$52.50
2"	Stainless	BBV-20s	\$60.00
3"	Brass	BBV-30b	\$176.00
4"	Brass	BBV-40b	\$315.00






### Check Valves

Back Flow Preventer

Size	Type	Part Number	Price
3/4"	PVC	CV-07P	\$6.00
3/4"	Brass	CV-07B	\$12.00
1"	PVC	CV-10P	\$8.00
1 1/2"	PVC	CV-15P	\$14.00
2"	PVC	CV-20P	\$18.00
2"	Brass	CV-20B	\$46.00
3"	Brass	CV-30B	\$120.00
4"	Brass	CV-40B	\$170.00



## Galvanized Pipe Fittings

<b>Galvanized Nipple</b> ¾" .....GN-0715.....\$1.25 1" .....GN-1020.....\$2.00 1 ¼" .....GN-1220.....\$2.25 1 ½" .....GN-1525.....\$3.75 2" x 3" .....GN-2030.....\$3.85 2" x 12" .....GN-2012.....\$15.25 3" x 6" .....GN-3060.....\$20.00 4" x 6" .....GN-4060.....\$27.50 6" x 8" .....GN-6080.....\$150.00	<b>Coupling</b> 2" .....2GC-20.....\$12.00 3" .....2GC-30.....\$47.00 	<b>Elbow</b> 1 ½" .....2GE-15.....\$8.00 2" .....2GE-20.....\$14.50 3" .....2GE-30.....\$60.00 4" .....2GE-40.....\$100.00 6" .....2GE-60.....\$327.00 
<b>Bushing</b> 1" x ¾" .....GB-1007.....\$7.50 1 ½" x ¾" .....GB-1507.....\$7.50 1 ½" x 1 ¼" .....GB-1512.....\$7.00 2" x 1" .....GB-2010.....\$9.50 2 x 1 ¼" .....GB-2012.....\$8.50 2" x 1 ½" .....GB-2015.....\$8.50 3" x 2" .....GB-3020.....\$21.00 4" x 3" .....GB-4030.....\$38.00 6" x 4" .....GB-6040.....\$62.00 6" x 5" .....GB-6050.....\$62.00	<b>Tee</b> 2" .....2-GT-20.....\$18.75 3" .....2-GT-30.....\$65.00 4" .....2-GT-40.....\$115.00 6" .....2-GT-60.....\$338.00 	<b>Street Elbow</b> ¼" .....2GSE-02.....\$3.00 2" .....2GSE-20.....\$19.25 3" .....2GSE-30.....\$77.00 
	<b>Bolted Flange</b> 3" .....BLCF-30.....\$25.00 4" .....BLCF-40.....\$36.00 6" .....BLCF-60.....\$40.00 	<b>Bolted Flange Gasket</b> 3" .....BLCFG-30.....\$4.25 4" .....BLCFG-40.....\$6.00 6" .....BLCFG-60.....\$7.25
	<b>Metal Insert Couplers</b> 3" .....CS-300NL.....\$11.50 4" .....CS-400NL.....\$17.00	<b>Metal Insert Male Adaptors</b> 3" Male....MAS-300NL...\$10.00 4" Male....MAS-400NL...\$15.50

## Aluminum Pipe Fittings and Hydrant Parts

Many other kinds of aluminum fittings available and replacement gaskets call for pricing.

### Clamp on Hook Latch Set

Repair run over pipe

2 inch.....\$45.00

3 inch.....\$58.00

4 inch.....\$71.00



### Universal Valve Stubs

3" stub weld .....\$48.00

3" stub thread.....\$54.00

4" stub weld.....\$65.50

4" stub thread.....\$82.00

6" stub thread.....\$147.00



### Valve Stub Parts

3-4 inch stem SS.....\$15.00

5-6 inch stem SS.....\$19.00

3 inch rubber.....\$15.50

4 inch rubber.....\$16.50

6 inch rubber.....\$21.00



### In Line Plugs

3 inch.....\$32.00

4 inch.....\$90.00

### Hook and Band

2 inch.....\$6.50

3 inch.....\$8.50

4 inch.....\$12.00

### Buried Line Couplers

4 inch.....\$102.00

6 inch.....\$110.00



### In Line Elbows

3 inch.....\$82.00

4 inch.....\$105.00

### In Line Tees

3 inch.....\$125.00

4 inch.....\$165.00

### Valve Opener

4" x 3" hook .....\$124.00

4" x 4" hook.....\$129.00

4" x 4" ring.....\$129.00

6" x 4" hook.....\$190.00

6" x 6" hook.....\$190.00

6" x 6" ring.....\$190.00

### Bauer Fittings

4" female x barb ...\$23.00

4" female x MPT....\$36.00

4" male x barb.....\$25.00

4" leaver .....\$32.00

4" gasket.....\$3.00

6" female x barb....\$45.00

6" female x MPT....\$63.00

6" male x barb.....\$35.00

6" leaver.....\$64.00

6" gasket.....\$5.00

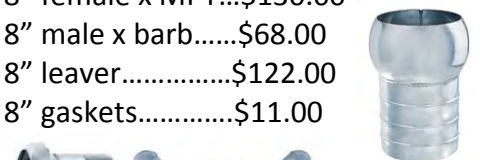
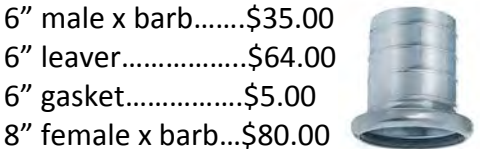
8" female x barb...\$80.00

8" female x MPT...\$130.00





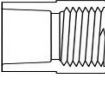






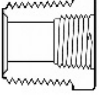


8" male x barb.....\$68.00

8" leaver.....\$122.00

8" gaskets.....\$11.00












# PVC Fittings SCH 40

<b>Threaded Tee</b> FPT x FPT x FPT  3/4" .....405-007.....\$2.50 1" .....405-010.....\$3.50 1 1/2" .....405-015.....\$5.00 2" .....405-020.....\$6.50	<b>Tee</b> Slip x Slip x Slip  3/4" .....401-007.....\$0.60 1" .....401-010.....\$1.00 1 1/2" .....401-015.....\$1.75 2" .....401-020.....\$2.50 3" .....401-030.....\$11.00 4" .....401-040.....\$19.75 6" .....401-060.....\$67.00	<b>Coupling</b> Slip x Slip  3/4" .....429-007.....\$1.00 1" .....429-010.....\$1.00 1 1/2" .....429-015.....\$1.50 2" .....429-020.....\$2.00 3" .....429-030.....\$4.25 4" .....429-040.....\$6.00
<b>Elbow- 90°</b> Slip x Slip  3/4" .....406-007.....\$0.50 1" .....406-010.....\$0.75 1 1/2" .....406-015.....\$1.35 2" .....406-020.....\$2.00 3" .....406-030.....\$7.50 4" .....406-040.....\$13.5 6" .....406-060.....\$42.00	<b>Female Adaptor</b> Slip x Female  3/4" .....435-007.....\$0.65 1" .....435-010.....\$0.85 1 1/2" .....435-015.....\$1.00 2" .....435-020.....\$1.45 3" .....435-030.....\$4.75 4" .....435-040.....\$7.75 6" .....435-060.....\$28.00	<b>Male Adaptor</b> Slip x thread  3/4" .....436-007.....\$0.45 1" .....436-010.....\$0.65 1 1/2" .....436-015.....\$1.00 2" .....436-020.....\$1.30 3" .....436-030.....\$5.75 4" .....436-040.....\$7.25 6" .....436-060.....\$18.75
<b>45° Elbow</b> Slip x Slip  3/4" .....417-007.....\$0.90 1" .....417-010.....\$1.05 1 1/2" .....417-015.....\$1.90 2" .....417-020.....\$2.50 3" .....417-030.....\$9.75 4" .....417-040.....\$ 17.50 6" .....417-060.....\$42.50	<b>Slip Cap</b> Slip  3/4" .....447-007.....\$0.45 1" .....447-010.....\$0.60 1 1/2" .....447-015.....\$1.00 2" .....447-020.....\$1.85 3" .....447-030.....\$4.25 4" .....447-040.....\$8.50 6" .....447-060.....\$20.00	<b>Bushing</b> Spigot x FPT  3/4" x 1/2" .....438-101.....\$0.70 1 x 3/4" .....438-131.....\$1.00 1 1/4" x 1" .....438-168.....\$1.50 1 1/2" x 1" .....438-211.....\$1.75 2" x 1" .....438-249.....\$2.25 2" x 1 1/2" .....438-251.....\$2.25 3" x 1" .....438-335.....\$3.75 3" x 2" .....438-338.....\$8.00 4" x 2" .....438-420.....\$9.00 4" x 3" .....438-422.....\$9.00
<b>22 1/2 ° Elbow</b> Slip x Slip  3/4" .....416-007.....\$1.30 1" .....416-010.....\$1.60 2" .....416-020.....\$3.50 3" .....416-030.....\$14.25 4" .....416-040.....\$25.50 6" .....416-060.....\$61.00	<b>Female Cap</b> Female thread  3/4" .....448-007.....\$0.95 1" .....448-010.....\$1.30 1 1/2" .....448-015.....\$1.50 2" .....448-020.....\$3.00 3" .....448-030.....\$5.00 4" .....448-040.....\$8.50 6" .....448-060.....\$21.00	<b>Bushing</b> FPT x MPT  3/4" x 1/4" .....439-098.....\$1.25 3/4" x 1/2" .....439-101.....\$1.25 1 x 1/4" .....439-128.....\$1.50 1 x 3/4" .....439-131.....\$1.50 1 1/4" x 1" .....439-168.....\$2.15 1 1/2" x 1" .....439-211.....\$2.75 2" x 1" .....439-249.....\$2.75 2" x 1 1/2" .....439-251.....\$2.75 3" x 1" .....439-335.....\$11.50 3" x 2" .....439-338.....\$11.50 4" x 2" .....439-420.....\$33.50 4" x 3" .....439-422.....\$43.00
<b>Bushing</b> Spigot x Slip  3/4" x 1/2" .....437-101.....\$0.50 1 x 3/4" .....437-131.....\$0.70 1 1/4" x 1" .....437-168.....\$1.10 1 1/2" x 1" .....437-211.....\$1.00 2" x 1" .....437-249.....\$2.00 2" x 1 1/2" .....437-251.....\$2.00 3" x 1" .....437-335.....\$3.75 3" x 2" .....437-338.....\$3.75 4" x 2" .....437-420.....\$8.25 4" x 3" .....437-422.....\$8.25	<b>Cross</b> Slip x Slip x Slip x Slip  3/4" .....420-007.....\$2.50 1" .....420-010.....\$3.00 1 1/2" .....420-015.....\$4.10 2" .....420-020.....\$6.00 3" .....420-030.....\$15.50 4" .....420-040.....\$23.00	



## PVC Fittings SCH 40 and Pipe

<p><b>Reducing Tee</b> Slip x Slip x Slip</p>  <p> <math>\frac{3}{4}</math>" x <math>\frac{3}{4}</math>" x <math>\frac{1}{2}</math>" .....401-101.....\$0.75  1" x 1" x <math>\frac{1}{2}</math>" .....401-130.....\$1.00  1" x 1" x <math>\frac{3}{4}</math>" .....401-131.....\$1.00  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x <math>\frac{1}{2}</math>" .....401-209.....\$2.75  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x <math>\frac{3}{4}</math>" .....401-210.....\$2.75  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x 1" .....401-211.....\$2.75  2" x 2" x <math>\frac{3}{4}</math>" .....401-248.....\$2.75  2" x 2" x 1" .....401-249.....\$2.75  2" x 2" x 1<math>\frac{1}{2}</math>" .....401-251.....\$2.75  3" x 3" x 1" .....401-335.....\$12.00  3" x 3" x 2" .....401-338.....\$12.00  4" x 4" x 2" .....401-420.....\$19.75  4" x 4" x 3" .....401-422.....\$19.75  6" x 6" x 4" .....401-532.....\$66.50 </p>	<p><b>Reducing Female Tee</b></p>  <p>Slip x Slip x Female</p> <p> 1" x 1" x <math>\frac{1}{2}</math>" .....402-130.....\$1.40  1" x 1" x <math>\frac{3}{4}</math>" .....402-131.....\$1.75  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x <math>\frac{1}{2}</math>" .....402-209.....\$2.75  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x <math>\frac{3}{4}</math>" .....402-210.....\$3.50  1<math>\frac{1}{2}</math>" x 1<math>\frac{1}{2}</math>" x 1" .....402-211.....\$3.50  2" x 2" x <math>\frac{3}{4}</math>" .....402-248.....\$4.25  2" x 2" x 1" .....402-249.....\$4.25  2" x 2" x 1<math>\frac{1}{2}</math>" .....402-251.....\$4.25  3" x 3" x 1" .....402-335.....\$13.00  3" x 3" x 2" .....402-338.....\$13.00  4" x 4" x 2" .....402-420.....\$22.00  4" x 4" x 3" .....402-422.....\$22.00  6" x 6" x 4" .....402-532.....\$73.50 </p>	<p><b>Adaptor Tee</b> Slip x Slip x Female</p>  <p> <math>\frac{3}{4}</math>" .....402-007...\$1.00  1" .....402-010...\$1.75  1<math>\frac{1}{2}</math>" .....402-015...\$3.50  2" .....402-020...\$4.25  3" .....402-030...\$16.50  4" .....402-040...\$25.00 </p> <hr/> <p><b>Nipples- SCH80</b> MPT x MPT</p>  <p> <math>\frac{1}{2}</math>" close...882-005...\$1.50  <math>\frac{3}{4}</math>" close...883-005...\$1.50  <math>\frac{3}{4}</math>" x 2" .....883-020...\$1.50  1" close...884-005...\$1.50  1" x 3" .....884-020...\$2.00  1<math>\frac{1}{4}</math>" x 3" .....885-030...\$2.50  1<math>\frac{1}{2}</math>" x 3" .....886-030...\$3.25  2" x 3" .....887-030...\$4.75  2" x 6" .....887-060...\$8.50  2" x 12" .....887-120...\$14.75  3" x 6" .....889-060...\$32.50 </p>
<p><b>Female Elbow</b> Female x Female</p>  <p> <math>\frac{1}{2}</math>" .....408-005.....\$1.00  <math>\frac{3}{4}</math>" .....408-007.....\$1.50  1" .....408-010.....\$2.75  1<math>\frac{1}{2}</math>" .....408-015.....\$3.50  2" .....408-020.....\$5.50 </p>	<p><b>Slip Female Elbow</b></p>  <p>Slip x Female</p> <p> <math>\frac{1}{2}</math>" .....407-005.....\$ 0.50  <math>\frac{3}{4}</math>" .....407-007.....\$ 0.95  1" .....407-010.....\$ 1.45  1<math>\frac{1}{2}</math>" .....407-015.....\$ 2.75  2" .....407-020.....\$ 4.50 </p>	<p><b>Coupler</b> Female x Female</p> <p> <math>\frac{3}{4}</math>" .....430-007.....\$0.90  1" .....430-040.....\$1.10  2" .....430-020.....\$5.25 </p> <hr/> <p><b>Air vents</b></p> <p> 1" plastic MPT.....AV01P...\$18.00  2" plastic MPT.....AV02P ...\$62.00  2" aluminum FPT...AV02A...\$48.00 </p> 
<p><b>Union</b> Slip x Slip</p>  <p> <math>\frac{3}{4}</math>" .....457-007.....\$4.00  1" .....457-010.....\$4.00  1<math>\frac{1}{2}</math>" .....457-015.....\$13.25  2" .....457-020.....\$17.75 </p>	<p><b>Union</b> Thread x Thread</p>  <p> <math>\frac{3}{4}</math>" .....458-007.....\$6.25  1" .....458-010.....\$8.50  1<math>\frac{1}{2}</math>" .....458-015.....\$15.00  2" .....458-020.....\$18.50 </p>	
<p><b>Pipe Materials</b></p> <p> Liquid Teflon...GM-P...\$14.00  PVC Primer....PVCP.....\$22.00,  medium set up 6"  PVC Glue.....PVCG.....\$16.00,  medium set up 6"  Duck Butter....PVCBD..\$12.00 </p>	<p><b>SCH 40 PVC Pipe</b></p> <p>10 Foot Lengths</p> <p> <math>\frac{3}{4}</math>" .....pvcp7510.....\$8.50  1" .....pvcp1010.....\$13.00  1<math>\frac{1}{2}</math>" .....pvcp1510.....\$19.00  2" .....pvcp2010.....\$25.00  3" .....pvcp3010.....\$50.50  4" .....pvcp4010.....\$68.00 </p>	

## Orchard Tubing

A heavy walled drip tubing with integrated drippers that lasts 25 plus years. Designed for perennial crops such as apples, peaches, pears, grapes, blueberries, raspberries, and hops. Call for pricing on 20 plus coils. All tubing is available with clips pre-installed.

### Toro BlueLine PC Orchard Tubing

Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
18mm	12"	500'	0.53	375'	TO181255	\$115.00
18mm	12"	1000'	0.53	375'	TO181251	\$160.00
18mm	24"	1000'	0.53	650'	TO182451	\$135.00
18mm	24"	1000'	0.41	800'	TO182441	\$135.00
18mm	36"	1000'	0.53	900'	TO183651	\$130.00
18mm	36"	1000'	0.41	1000'	TO183641	\$130.00
20mm	24"	1000'	0.53	900'	TO202451	\$165.00
20mm	24"	1000'	0.41	1000'	TO202441	\$165.00
20mm	36"	1000'	0.53	1150'	TO203651	\$150.00
20mm	36"	1000'	0.41	1400'	TO203641	\$150.00



### Netafim UniRam Heavy Wall Drip line

Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
17mm	12"	1000'	0.61	300'	NO171216	\$190.00
17mm	24"	1000'	0.61	375'	NO172416	\$145.00
17mm	24"	1000'	0.42	650'	NO172414	\$145.00
17mm	24" WHITE	1000'	0.42	650'	NO172414W	\$150.00
17mm	36"	1000'	0.61	650'	NO173616	\$140.00
17mm	36"	1000'	0.42	845'	NO173614	\$140.00
20mm	24"	1000'	0.61	800'	NO202416	\$206.00
20mm	24"	1000'	0.42	1000'	NO202414	\$206.00
20mm	36"	1000'	0.61	1100'	NO203616	\$183.00
20mm	36"	1000'	0.42	1450'	NO203614	\$183.00



### Netafim DripNet PC

Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
17mm	12"	1000'	0.61	0	NOD171261	\$160.00
17mm	24"	1000'	0.61	0	NOD172461	\$135.00
17mm	24"	1000'	0.42	0	NOD172441	\$135.00
17mm	36"	1000'	0.61	0	NOD173661	\$130.00
17mm	36"	1000'	0.42	0	NOD173641	\$130.00



### Rivulis D5000PC Heavy Wall Drip Line
















Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
18mm	12"	1000'	0.53	0	RO181251	\$160.00
18mm	24"	1000'	0.53	0	RO182451	\$135.00
18mm	24"	1000'	0.4	0	RO182441	\$135.00
18mm	36"	1000'	0.53	0	RO183651	\$130.00
18mm	36"	1000'	0.4	0	RO183641	\$130.00





## Orchard Fittings

For use with Ram Uniram (17mm), Toro Blueline (18mm) and others. Please note the size of the tubing. We also have fittings for 20 mm tubing, both Uniram and Blueline as well as others. For farms with multiple sizes try the Pro-Loc fittings, series 700 can be used for 17-18mm tubing while series 800 can be used for 20-21 mm

<b>Expando Starter With Grommet</b> Use 3/4" drill bit for install	<b>Insert Starter With Grommet</b> Use with 16.5mm insert tool	<b>Starter with Valve</b> Use insert tool on page 5
XP-16 x 16 16-18MM \$1.75 XP-16 x 19 19-20MM \$2.00 	Use 16.5 mm insert tool RISNT 16-18mm \$1.50 	FTV5-420B 16-18mm \$1.75 FT7F-420B 20mm \$2.00 
<b>Barbed Coupler</b>	<b>Pro-Loc Coupler</b>	<b>Inline Valve, Green</b>
O17BC 17mm \$0.35 	PL-C600 17-18mm \$0.56 PL-C700 20-21mm \$0.75 PL-C800 3/4" header \$0.85 	O178V 17mm \$2.00 O208V 3/4" \$2.75 
<b>Power-Loc Inline Valve</b>	<b>Barbed Elbow</b>	<b>Power-Loc Elbow</b>
PR-SV700 17-18mm \$1.75 PR-SV800 20-21mm \$2.00 	O17BE 17mm \$0.55 	PR-E600 17-18mm \$1.25 PR-E700 20-21mm \$1.50 PR-E800 3/4" header \$1.75 
<b>Barbed Tee</b>	<b>Power-Loc Tee</b>	<b>Power-Loc Tube x FGH</b>
O17BT 17mm \$0.65 	PR-T600 17-18mm \$1.50 PR-T700 20-21mm \$1.75 PR-T800 3/4" header \$2.00 	PR-FH600 17-18mm \$2.50 PR-FH700 20-21mm \$2.75 PR-FH800 3/4" header \$3.00 
<b>Pro-Loc Tube x 3/4" MPT</b>	<b>16.5mm Insert tool</b>	<b>H Curls</b>
PR-M600 17-18mm \$1.25 PR-M700 20-21mm \$1.50 PR-M800 3/4" header \$1.75 	RIST17 17mm \$25.00 	HC13-3.0-1000 Case of 1000 \$48.00 
<b>Figure 8 End Cap</b>	<b>Clip Rings</b>	<b>Clipper Line</b>
O17E8 17-18mm \$0.20 O20E8 20-21mm \$0.40 	Clips on tube holds on to 14 gauge wire. Sold in cases of 5000 CLPAG18 17-18mm \$0.10/ea CLPAG20 20-21mm \$0.10/ea	Can be ordered in either Blueline PC or Uniram with clips already on tubing. Call for quote

### Heavy Duty Valve Boxes

Rectangle 12" x 18" .....\$35.00

Replacement Cover.....\$12.50

Round 10" Diameter.....\$20.00

Replacement Cover.....\$8.00



For Vineyards and Orchards looking to suspend their orchard tubing on a wire H-Curls, shown above, or the clips rings, shown above are the best options

## Brookdale Manufactured Custom Filter Assemblies

Brookdale manufactured filter assemblies are designed to backflush each filter for easy cleaning. Color coded valves make the back-flushing process visual and simple. Integrated input and output pressure gauges show the differential pressure across filter system. A pressure difference between gauges greater than 15 psi means a backflush operation needs to happen. Each unit comes assembled with brass valves for longevity, a garden hose valve and fitting for accessing clean water, a check valve, and inlet and outlet camlock fittings. These systems are designed with a pressure relief valve in case the filters clogged. The assemblies meet NRCS standards of design for filtration. Portable and light weight they are easy to move from field to field compared to heavy sand filters. Yearly maintenance required is manual cleaning of the filter cartridges. Add isolation valves to each filter for cleaning ease during operation, add \$100 per filter.

Type	Irrigation Capacity	Price
2" short disc filter	1 acre	\$450.00
2" long disc filter	1.5 acres	\$560.00
2" twin long disc filter	3 acres	\$1,350.00
3" twin long disc filter	5 acres	\$1,900.00
4" twin long disc filter	6 acres	\$2,200.00
3" triple long disc filter	8 Acres	\$2,800.00
4" triple long disc filter	10 acres	\$3,250.00



2" long disc



3" triple disc



2" twin disc

## Mazzei Fertilizer Injector Assemblies

Injector assemblies are designed to plug in line after a filter assembly, or before an H station. The assembly includes injector isolation valves, for access to clean the injector during operation and a garden hose spigot for filling the fertilizer barrels. When filter and injector assembly are hooked together there are 3 check valves in line as required by the EPA to prevent backflow to a water source. The mazzei injector assemblies are designed to apply x amount of product per acre in one application, not a constant dosing rate. This means emptying a barrel of solution for each injection event. In order to choose the appropriate injector, match the flow rate range of drip operation with the injector size flow rate in the table.



Pipe	Injector Size	Flow Rate GPM	Price
2"	3/4"	9-50	\$350.00
2"	1"	16-80	\$430.00
3"	1"	16-80	\$700.00
3"	1.5"	34-150	\$760.00
4"	1.5"	31-150	\$840.00



## Filtration

### Toro Disc Filters

Toro disc filters provide a 3-dimensional surface for greater filtration when using surface water or well water with high iron. Easy to take apart and clean. Ideal for drip irrigation. 120 PSI max

Size	Filtration	Part Number	Price
3/4"	150	TDF-07	\$24.00
1"	150	TDF-10	\$30.00
2" Short	150	TDF-2S	\$150.00
2" Long	150	TDF-2L	\$245.00
3" Long	150	TDF-3L	\$250.00

### Filter Body Parts:



Ag



### Screen Disc Filters

Screen Filters are ideal when using well water or municipal water. The stainless-steel screen removes easily for cleaning.

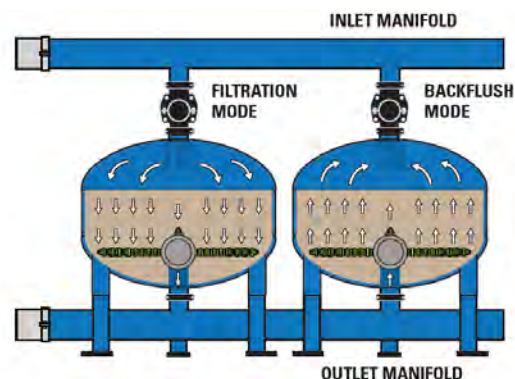
Size	Filtration	Part Number	Price
3/4"	150	SF-07	\$16.00
1"	150	SF-10	\$18.00
2"	150	SF-20	\$110.00

### Replacement Filter Cartridges

Size	Type	Part Number	Price
3/4"-1"	Disc	TDF-1R	\$12.00
3/4"-1"	Screen	SF-1R	\$8.00
2"-3" Long	Disc	TDF-3R	\$100.00
2"	Screen	SF-2R	\$16.00



**Apollo Disc-Kleen Filters** from Netafim are automatic back-flushing disc filter assemblies available in 2 inch to 6 inch systems. Requires a controller. Call for pricing and sizing for your application.



**Sand Media Filters** are designed for drip irrigation systems operating up to 125 psi and 300 gpm+. Sand media banks are available from Toro Yamit Filters and Netafim Sandstorm Media filters. Please call for design and quote.





## Filter Automation

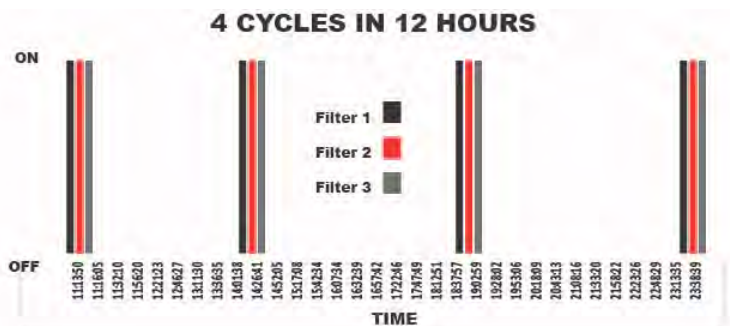
The **XR3000II Auto Wash** can be added on to any new filter assembly or rebuilt on to an existing Brookdale filter assembly. The Auto Wash automatically backflushes your filters when the pre-set pressure threshold is reached. The pressure threshold is set by adjusting the dial on a murphy pressure gauge located on the outlet side of one filter. By automating the backflush operation of the filters, you are able to run for longer irrigation cycles without having to go back to the filter to clean it. This reduces labor for irrigation if you have dirty water or long run times as the filter will operate automatically. The XR300II Auto Wash will alert you each backflush cycle, loss of outlet pressure via text, email and/or voice. Automation provides you with labor savings, ease of use and data capture for growers who are required to provide water cleanliness documentation. The XR300II Auto Wash includes the controller, solenoid valves, murphy pressure switch, solar panel, outlet pressure sensor. A yearly subscription fee of \$390 for the signal and data collection.



Type	Irrigation Capacity	Price
2" twin disc filter	3 acres	\$6,160.00
3" twin disc filter	5 acres	\$6,850.00
4" twin disc filter	6 acres	\$7,975.00
3" Triple Disc Filter	8 Acres	\$7,150.00
4" Triple Disc Filter	10 acres	\$8,450.00

### Features of the XR3000II Auto Wash

- Constantly tracks inlet and outlet pressure
- Records all data including when it was backflushed
- Access anywhere in the world
- Can remotely backflush via your phone
- Allows for consistent irrigation throughout the run cycle.
- Easy to adjust the backflush pressure trigger.







## Pump and Reel Automation



The **XR3000II Reel Watch** manages your reel/traveler set-up so that you no longer have to continuously monitor it in person. Combining the XR3000II at the reel end with a GPS radio on the gun cart, you can monitor the cart progress via phone, tablet or laptop and be alerted to any fault occurrence such as tip over, loss of pressure, hose hang up, etc. It will auto stop and alert upon successful completion of the run or upon fault.

**XR3000II Reel Watch Turbine..... \$5,280.00\***

\*Annual data access fee of \$390.00

The **XR3000 Pump Automation System** allows you to automate any engine driven or electric pump. With the configurable logic controller you are able to set schedules, add on/off thresholds with wireless sensor radios and more via your phone, tablet or laptop. The controller is equipped with 4G technology allowing you to access the system anywhere using HarvestWatch.

**Engine pump system.....\$7,390.00\***

**Electric pump system.....\$5,040.00\***

\*Annual data access fee of \$390.00



The **Alert IV** is ideal for those looking to collect data through out their farm. The Alert IV links a network of up to 8 RD90 II sensor radios to monitor and alert on many different conditions, such as temperature, soil moisture, pressure, tank level, carbon dioxide, etc. This system allows you to monitor from anywhere what is happening on your farm so you are able to make informed decisions. You can get alerts via text, email or voice. The data can be accessed on the HarvestWatch page in real time and the history. The Alert IV includes 1 soil moisture or temperature sensor.

**Alert IV AC.....\$2,100.00\***

**Alert IV DC.....\$2,435.00\***

**RF90II Temperature Radio...\$450.00**

**RF90II Soil Moisture Radio...\$560.00**

\*Annual data access fee of \$390.00

**Handheld Soil Moisture meter...\$295.00**



Soil Moisture probe that is used with the RF90II soil moisture radio, or the handle held meter. Be able to make irrigation decisions off site. Great for fields not on the home farm.



## Fertilizer Injectors

### Mazzei Fertilizer Injectors

Mazzei injectors offer trouble free performance with no moving parts. They operate on a pressure differential between the inlet and outlet of the injector to create vacuum and draw fertilizer in through the suction port. It is important to have the proper sized injector for the flow rate at which the system is operating. These are a non-proportioning injector, meaning the amount of fertilizer applied is based on an amount per acre diluted in solution, rather than a PPM constant feed. Pricing below includes injector and suction hose with check valve.

Model	Size	Part Number	Flow Rate	Suction	Price
384	1/2"	M0384	2-9 GPM	14 gph	\$65.00
584	3/4"	M0584	9-50 GPM	25 gph	\$95.00
1078	1"	M1078	16-80 GPM	92 gph	\$160.00
1585	1.5"	M1585	34-150 GPM	323 gph	\$210.00

Larger Sizes Available Call for info

### Mazzei Injector Replacement Parts

Size	Item	Part Number	Price
1/2", 3/4"	Hose	K184	\$60.00
1/2", 3/4"	Rebuild Kit	CR-2	\$9.00
1"	Hose	KR183	\$75.00
1"	Rebuild Kit	CR-4	\$14.00
1.5"	Hose	KR-183	\$95.00
1.5"	Rebuild Kit	CR-4	\$14.00



### MixRite Proportional Injector

An automatic injector that compensates for any change in water pressure and flow to provide a constant mix of fertilizer at a set rate. Used in greenhouse and field applications for precise metering of water soluble fertilizers. UV stabilized plastic with On/Off valve and built in check valve. Mix Rite injectors are unique where the injected fluid is mixed in the entire chamber of the injector, lubricating all moving parts. Each new injector comes with a rebuild kit and suction line. Adjustable ratio's from 1:25 to 1:250

Model	Size	Max Flow	Part Number	Price
571	3/4 inch	11 gpm	MR371	\$345.00
TF 10	1.5 inch	45 gpm	MRTF10	\$800.00
TF 25	2 inch	110 gpm	MRTF25	\$1,300.00

### Replacement Parts

Item	Part Number	Price
571 gaskets	MRR-571G	\$44.00
571 check valve	MRR-571C	\$36.00





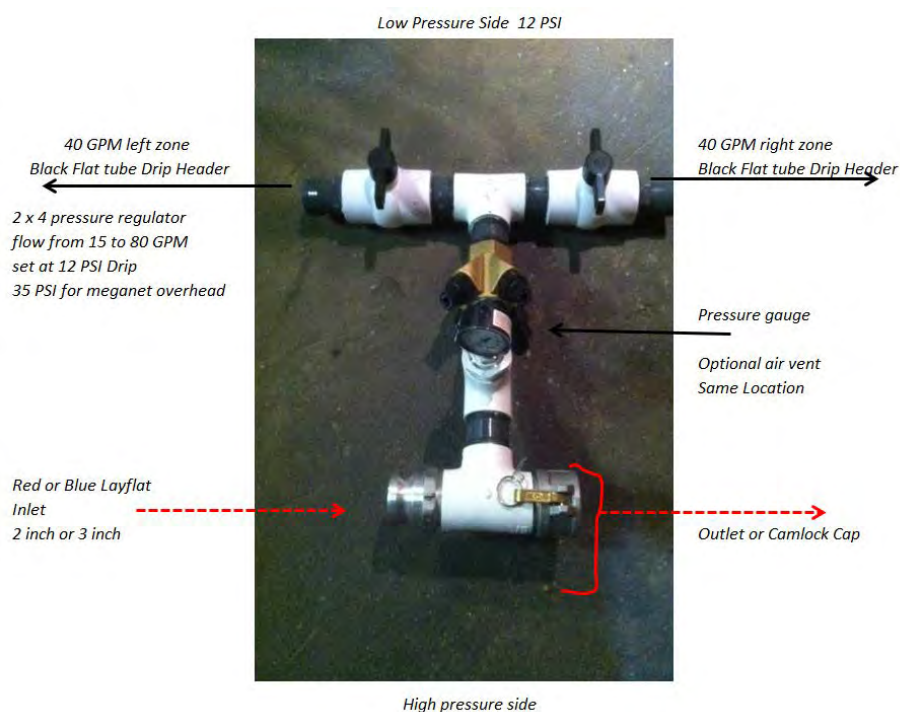
## Pressure Regulators

Netafim pressure regulators allow the grower to switch the preset pressures by removing the pressure regulating tips and replacing them with different tips. This allows the grower flexibility between pressure regulation for drip tape, orchard tubing, greenhouse sprinklers and Meganets. Pay attention to the GPM range of each regulator when sizing a regulator for your application.

					
<b>1/4" Low Flow Regulator</b> PRL-07...\$10.00 GPM: 0.5-5 Preset Choice 15 PSI or 35 PSI	<b>1/4" High Flow Regulator</b> PR-07...\$15.00 GPM: 3.5-20 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65	<b>1 1/2" 2 tip Regulator</b> PR-15...\$36.00 GPM: 7-40 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65	<b>2" x 4 tip Regulator</b> PR-24...\$115.00 GPM: 15-80 Regulation PSI 12, 15, 20, 25, 30,	<b>2" x 6 tip Regulator</b> PR-26...\$185.00 GPM: 25-120 Regulation PSI 12, 15, 20, 25, 30,	<b>3" x 10 tip Regulator</b> PR-31...\$350.00 GPM: 30-200 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65

**Replacement Tip** PRT-Psi... \$10.00 Preset at : 12, 15, 20, 25, 30, 35, 43, 50, 65 PSI

### Pre-Assembled Pressure Regulator Manifolds 'H-Valve Stations'



H-Valves standardize pressure regulators allowing the grower flexibility to changing field locations or field rotations for setting up drip or overhead irrigation. Placed centrally in the field the H valve manifold allows zone control for irrigation splitting the field in half. Built entirely with threaded fittings these units are easily repaired or changed in the field. Having the high side on camlock fittings allows for expansion to another H valve or simply install a camlock plug to terminate a mainline. By supplying drip irrigation high pressure from the middle of a field, H Valves help distribute water uniformly to the crop. These units include a pressure gauge to ensure proper pressure at point of use in the field. Pre-assembled units below are stocked and ready for use.

H-Valves also accommodate the precise application of nutrients or chemicals to a crop. Rather than contaminate an entire main line with fertilizer, a pre-assembled fertilizer injector can be positioned in place before the inlet on the high-pressure side of an H-valve. This allows for precise application of nutrient to a crop in the field allowing injection to happen right at the intended crop. This is a key feature for diversified plantings being irrigated from one source. It prevents contamination and allows for chemigation as well.

Inlet Size	Outlet Size	Pressure Reg	Price
2 inch	2 inch	1 1/2"	\$270.00
2 inch	2 inch	2x 4	\$300.00
2 inch	2 inch	2 x 6	\$375.00
3 inch	2 inch	2 x 4	\$350.00
3 inch	2 inch	2 x 6	\$405.00
4 inch	2 inch	2 x 4	\$375.00
4 inch	2 inch	2 x 6	\$440.00

## Water Soluble Fertilizer

Plant Marvel's Nutriculture fertilizer allows growers to 'spoon-feed' their crops through drip irrigation. The Nutriculture fertilizer offers a complete macro and micro nutrient package to the plants. The nutrients are already in the plant soluble form which allows the nutrients to be taken up quickly giving you results within a few days. The fertilizer is also suitable for foliar applications. These fertilizers are blended specifically for New England Vegetable, Tree Fruit and Greenhouse production. Sold in 25 lbs bags. Call for 50+ bag quantity or pallet pricing, below per bag pricing.

<b>Veggie Special...12-5-19</b> PM-120519....\$36.00  With 7.6% calcium and 1.3% Magnesium this formula is specifically designed to meet the needs of field grown vegetables. There is increased boron to promote better flower development and increased fruit set.	<b>Berry Blend...28-8-15</b> PM-280815.....\$36.50  Specifically formulated for blueberries, cranberries, blackberries, raspberries, strawberries as well as other small fruits. The NPK ratio meets the nutritional demands while providing other elements needed for abundant fruit set.
<b>K Mag...15-5-30</b> PM-150530....\$38.00  This high potash formula is ideal for producing larger fruit size, flower count and extending post-production shelf-life. The high nitrate content ensures utilization of all the nutrients.	<b>Hi-Cal Special...15-0-15</b> PM-150015....\$32.00  With 10.5% calcium this formula contains high nitrate nitrogen, calcium magnesium and minor elements.
<b>Cal Mag...14-4-14</b> PM-140414....\$36.00  With 5% calcium and 2% magnesium	<b>Orchard Special...16-4-13</b> PM-060413....\$36.00  With 6.04% calcium and 1.56% magnesium. Boron and zinc in plant available forms
<b>Calcium Nitrate...15-0-0</b> PM-150000.....\$25.50  With 18% calcium and chelated minerals.	<b>Blossom Setter</b> PM-180615....\$31.00  Ideal for forcing blossoms on tomatoes and other fruits. Can also be used as a starter that promotes faster root development on seeds and transplants.
<b>Super Start...12-45-10</b> PM-124510.....\$56.00  Helps overcome transplant shock. The nitrogen is low enough to prevent burning but still encourages new top growth. Use for seedling, transplants and root cuttings.	<b>General Purpose...20-10-20</b> PM-201020....\$38.50
<b>Potassium Nitrate...13-0-44</b> PM-130044.....\$43.50	<b>General Purpose...20-20-20</b> PM-202020....\$39.00



Scan to access the Vegetable Fertilizer Guide! Can also view at [www.plantmarvel.net](http://www.plantmarvel.net)





## Liquid Fertilizer



All OMEX products are available, below are some of the most popular ones. Call for more information.



**CELL POWER® SizeN® Calcium 15-0-0 with 7% Ca + 0.2% B:** An innovative stabilized nitrogen product. That provides stabilized Amine Nitrogen with Calcium and Boron to increase root branching, give more consistent bloom, a more uniform crop, improve firmness and higher brix. Apply **CELL POWER® SizeN® 15-0-0 with 7% Ca + 0.2% B** at 2 quarts /acre through drip irrigation, foliar, center pivot, solid set, and micro-irrigation systems. See label for full recommendations and compatibility.

**2.5 gallon jug \$90.00**



**CELL POWER® LifeOmex™4-4-4:** A blend of naturally occurring cytokinins and auxins in addition to proprietary saponins and other isolates from selected plant extracts. This blend can act synergistically to provide balance and stimulation to plants being subjected to environmental stresses. Apply **LifeOmex™444** foliar at the rate of 1-4 pints/acre every 7 to 14 days during the growing season. See label for full recommendations and compatibility.

**2.5 gallon jug \$80.00**



**CELL POWER® Calcium Gold 7-0-0:** A calcium nitrate formulation with a unique calcium delivery system. **Calcium Gold** contains pioneering LoCal Technology which supports the plants natural processes to enable Calcium absorption where a plants natural system is unable. Apply **Calcium Gold** foliar at the rate of 1- 4 quarts/acre from flowering throughout the season for firmer, larger fruit with increased Brix and stronger shelf life. See label for full recommendations and compatibility.

**2.5 gallon jug \$83.00**



**CELL POWER® K25:** A powerful blend of urea, potassium carbonate and Ascophyllum nodosum provides a great way of supplying extra potassium as a foliar spray to crops during periods of high demand for K. The Ascophyllum nodosum seaweed is present to help increase the cell division in the harvestable portion of the crop. Apply **K25** at 1-2 quarts/acre foliar as needed, every two weeks to increase sugar production and movement into target tissue. See label for full recommendations and compatibility.

**2.5 gallon jug \$78.00**



**SLYCE®Ca8%:** Is a soil amendment derived from calcium nitrate and humic acid to aid in improving water penetration and soil tilth. **SLYCE®Ca8%** applied to the soil through irrigation or side dressed at the rates of 1-5 gallon per acre; reacts with soil nutrient components that creates a faster and more efficient availability of nutrients. See label for full recommendations and compatibility

**2.5 gallon jug \$47.00**



The advanced **Max Line** of chelated essential nutrients incorporates NutriAg's exclusive PolyAldoCarbosate (PAC) technology. The specially formulated plant-derived carbohydrates in PAC technology create extremely valuable, immediately utilized nutrients for foliar application. Max Line delivered nutrients ensure crops reach their maximum yield and quality by penetrating the cuticle for rapid delivery to the plant cell.

**BoronMax** 8.1% boron, a boron true solution. Allows for easy mixing. Feed through the drip or foliar to give your crops a boron boost. **2.5 gallon jug \$120.00**

**K-Max Extra 0-0-24** is a potassium true solution. Ideal for increase fruit size and set. **2.5 gallon jug \$113.00**

**CalciMax** 8% calcium in a true solution with PAC chelation technology. Contains 0.5% Boron **2.5 gallon jug \$85.00**

The exceptional Active Cell Elicitor (ACE) technology in NutriAg's **Plant Activator Line** heightens a crop's natural defense mechanisms. The Plant Activator Line has been proven by independent research to enhance crop tolerances to stresses. It also prepares crops for potential future pressures that could negatively impact growth and yield. These defense responses allow all crops to tolerate a wide range of stresses.

**Alexin 0-0-8** contains 2.4% calcium, 0.8% magnesium, 0.2% boron and 8% potassium. For use as a fertilizer to supplement the above nutrients and to boost plant metabolism. **2.5 gallon jug \$112.00**

**KP Plus 1-50-33** for use to supplement NPK levels and to active plant metabolism to help increase the plants tolerance to stress. **25 lb bag \$113.00**

### Enviro Fertilizer OMRI listed

The Enviro Line by NutriAG is a new range of organic macro and micronutrient fertilizers for use in organic production. The Enviro Line uses NutriAg's unique EAC technology to deliver effective crop nutrition. The natural plant carbohydrates in EAC technology chelate nutrients to deliver nutrition that is easily taken up and utilized by crops. These products can be fed through both drip irrigation or foliar feedings. Call for pricing on pallet quantities and 250 gallon totes.

Product	Part Number	Packaging	Price
Enviro:12-0-1	EN120001	25 lb bag	\$115.00
Enviro:5-0-20	EN050020	25 lb bag	\$116.00
Enviro: 6-7-10	EN060710	25 lb bag	\$118.00
Enviro Potassium	ENPOT	2.5 gallons	\$92.00
Enviro Calcium	ENCAL	2.5 gallons	\$95.00
BB5 NC	ENBB5	1 gallon	\$75.00
Enviro Boron	ENB	25 lb bag	\$65.00
Enviro Zinc	ENZ	2.5 gallons	\$98.00





## Organic Fertilizers

### Neptune's Harvest Fertilizer

Neptune's Harvest Organic Fertilizers are OMRI listed for certified organic production. Neptune's Harvest can be applied foliar or fed through the drip irrigation lines as long as a 15-minute fresh water flushing cycle is conducted after injection. Also used in transplant water and favored fertilizer for Giant Pumpkin Growers.



Type		Formula	1 gallon	5 gallon
Hydrolyzed Fish Fertilizer	NH020401	2-4-1	\$25.00	\$100.00
Seaweed Plant Food	NH000001	0-0-1	\$28.00	\$102.00
Fish and Seaweed Blend	NH020301	2-3-1	\$33.00	\$111.00
Tomato and Veg	NH020402	2-4-2	\$34.00	\$130.00
Rose and Flowering	NH020604	2-6-4	\$34.00	\$130.00

**Call for pricing on 55-gallon drums or 250-gallon totes**



Granular must be broadcast or top dressed.

Type	Part Number	50 lb bag
Kelp Meal	NHKM	\$80.00
Crab Shell	NHCS	\$55.00



**Ocean Organics** fertilizer and seaweed products improve and support fertilizer uptake, enhanced root development, increased yields and improved overall plant health. Guarantee 0-0-1 and Guarantee Hi K are certified OMRI.



Product	Part Number	Packaging	Price
Guarantee 0-0-1	OG001	2.5 gallon	\$52.00
Guarantee Complex 0.2-0-6	OG206	2.5 gallon	\$52.00
Guarantee Hi K 0-0-6	OG006	2.5 gallon	\$52.00



**Universal** highly concentrated solution of freshwater algae extract. Utilizes algae and bacteria allowing the product to be consistent. Increased root development and improved quality of fruits and vegetables through better nutrient absorption. **2.5 gal jug \$108.75 5 gallon bucket \$215.25**

**Pro K 0-0-20** is a certified organic fully soluble, liquid potassium fertilizer.  
**2.5 gal jug \$140.00 5 gallon bucket \$278.00**

**Pro Cal 3-0-0 Plus 20% Ca** is a fully soluble, dry fertilizer that provides 20% calcium and is approved for organic production.  
**8 lb bags \$73.50 44 lb bags \$233.00**

**Explorer 10-0-0** is an organic liquid nitrogen fertilizer that is a blend of amino acids of soy protein.  
**3.5 gallon bucket \$147.00**

## Garden Hose Supplies



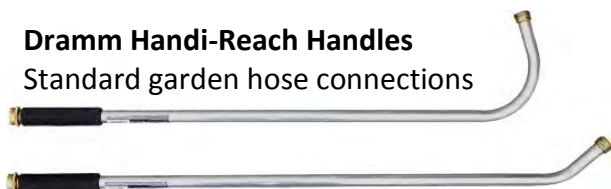
### Water Breakers

High quality Dramm water breakers are made from impact resistant ABS plastic with a stainless steel face plate.

Color	Part Number	Spray Pattern	Price
Red	WBR	Soft, high flow, medium pattern	\$14.00
Orange	WBO	Soft, high flow, wide pattern	\$14.00
Lemon	WBL	Soft, medium flow	\$14.00
Blue	WBB	Full flow for drenching hanging baskets ect.	\$10.00

### Dramm Handi-Reach Handles

Standard garden hose connections



Item	Part Number	Price
16" handle, 45 degree angle	HRH164	\$8.00
24" handle, 45 degree angle	HRH244	\$8.25
36" handle, 45 degree angle	HRH364	\$9.25
48" handle, 45 degree angle	HRH484	\$10.00
36" handle, 90 degree angle	HRH369	\$10.00

### FOGG-IT Nozzle

These fine volume misting nozzles are great for watering in cuttings, delicate stock and hand misting. All bronze.

Item	Part Number	Price
FOGG-IT nozzle, 1 gpm	FG10	\$8.75
FOGG-IT nozzle, 2 gpm	FG20	\$8.75



### Dramm Syphonjet

Fertilize while you water. Garden hose connection. Average rate is 20:1, requires 35 PSI at faucet and 3-5 gpm flow. 170 water breaker included. **SJH \$15.00**



### Clear Braided Hose

Sold by the foot or by the roll. Call for roll pricing.

Size	Color	Part Number	Price/Foot
3/4"	Clear	CB07	\$1.25
3/4"	Gray	GB07	\$1.25
1"	Clear	CB10	\$1.75
1"	Gray	GB10	\$1.75

### Dramm Brass Garden Hose Shut Off DBV... \$16.00



### Dramm ColorStorm Hose

Dramm ColorStorm professional rubber hose is made from EPDM rubber for a crack less hose cover that is resistant to abrasion and weathering. Heavy, hex shape that resists kinking. Pre-assembled, with crimped nickel-plated ends

Item	Part Number	Price
3/4" x 50'	DCS07050	\$73.00
3/4" x 75'	DCS07075	\$99.00
3/4" x 100'	DSC07100	\$117.00
5/8" x 50'	DSC06050	\$53.00
5/8" x 75'	DSC06070	\$78.00
5/8" x 100'	DSC06100	\$97.00

### Frost Free Hydrants

High capacity, high quality blue hydrants from Boshart Industries.

Item	Part Number	Price
3' hydrant 3/4" MPT x MGH	FFH307	\$90.00
4' hydrant 3/4" MPT x MGH	FFH407	\$98.00
4' hydrant 1" MPT x MGH	FFH410	\$105.00



Item	Part Number	Price
3/4" MPT x Male Garden Hose	GHMM	\$3.00
3/4" FPT x Female Garden Hose	GHFF	\$4.00
3/4" barb x Garden Hose M/F	GHMB/GHFB	\$2.75
Hose Washers, 10/bag	GHW A	\$1.50
Y connector with valves	GHYC	\$14.00



# Greenhouse Sprinkler/Mister/Fogger

Netafim products designed to operate at 35 PSI and require 150 mesh filtration. Instant on / off operation with check valves installed.

## Sprinkler

Item	Part Number	Flow	Bag	Price
Mister VibroNet Blue Nozzle	VN-BL	9.2 gph	25	\$2.75
Mister VibroNet Green Nozzle	VN-GR	11.7 gph	25	\$2.75
Sprinkler SpinNet Red Mist, Blue spnr	R-R-BL	18.4 gph	25	\$2.75
Sprinkler SpinNet Brown Mist, Blue spnr	BR-BR-BL	23.4 gph	25	\$2.75
Fogger CoolNet Pro Fogger	CN-F	8.1 gph	25	\$5.50

For winter use remove check valve to prevent freezing.

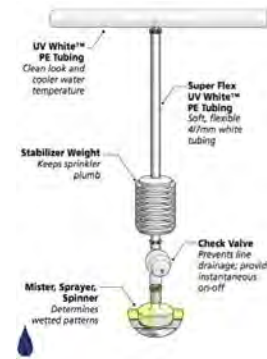
**Hanging Weight Adapter**, preassembled weights allow you to plug and play with the various sprinklers offered by Netafim.

Item	Part Number	Price
18" Hanging Weight Adaptor	NT-HW18	\$2.50
24" Hanging Weight Adaptor	NT-HW24	\$2.50
36" Hanging Weight Adaptor	NT-HW36	\$2.50

## Sprinkler



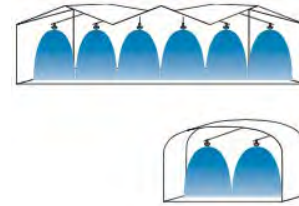
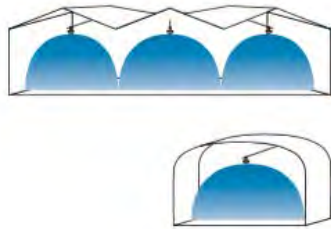
## Mister



## Fogger



## System Design Diagram



### One Line for Single Bay or Quonset with SpinNet Sprinklers

Bay Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop		
		2' - 3'	4' - 5'	6' - 7'
10	3	R-R-BL	-	-
12	3	R-R-BL	R-R-BL	-
14	3	BR-BR-BL	BR-BR-BL	R-R-BL
15	3	R-R-GY	BR-BR-BL	R-R-BL
16	3	R-R-GY	BR-Y-GY	R-R-BL
18	3	R-R-GN	BR-Y-GY	BR-Y-GY
20	3	-	R-R-GN	BR-BR-GN
22	3	-	R-R-GN	BR-BR-GN
24	3	-	-	BR-BR-GN

### Two Line for Single Bay or Quonset with SpinNet Sprinklers

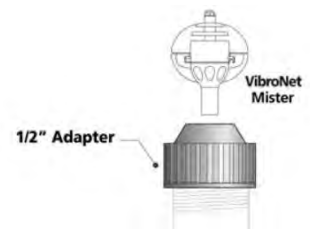
Bay Width (ft)	Spacing Between Sprinklers (ft)	Spacing Between Sprinkler Lines (ft)	Height Above Crop		
			3'	4' - 5'	6' - 7'
20	3	11	R-R-BL	-	-
22	3	12	R-R-BL	R-R-BL	-
24	3	12	R-R-BL	R-R-BL	R-R-BL
26	3	14	BR-BR-BL	R-R-BL	R-R-BL
28	3	15	BR-BR-BL	R-R-BL	R-R-BL
30	3	16	R-R-GY	R-R-GY	BR-BR-BL
32	3	17	R-R-GN	R-R-GY	BR-BR-BL
34	3	18	R-R-GN	R-R-GY	BR-BR-BL
36	3	19	R-R-GN	R-R-GY	R-R-GN
38	3	20	BR-BR-GN	R-R-GN	R-R-GN

### Single Bench with VibroNet Sprinklers



Bench Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop	
		2' - 3'	3' - 5'
4	3	VN-BL or VN-GN	VN-BL or VN-GN
5	3	VN-BL or VN-GN	VN-BL or VN-GN
6	3	VN-BL or VN-GN	VN-BL or VN-GN

For multiple benches or bays, use 7', 8' or 9' between lines.



### Ordering Guide

Code	Description	Model Number	Flow* (GPH)
VN-BL	VibroNet Blue Nozzle w/Check Valve	0354040L-B	9.2
VN-GN	VibroNet Green Nozzle w/Check Valve	0354050L-B	11.7
R-R-BL	SpinNet Red Mist Control, Red Body, Blue Spinner w/Check Valve	03551200708L-B	18.4
BR-BR-BL	SpinNet Brown Mist Control, Brown Body, Blue Spinner w/Check Valve	03551600908L-B	23.4
R-R-GY	SpinNet Red Mist Control, Red Body, Grey Spinner w/Check Valve	03551200070L-B	18.4
BR-Y-GY	SpinNet Brown Mist Control, Yellow Body, Grey Spinner w/Check Valve	03552000090L-B	23.4
R-R-GN	SpinNet Red Mist Control, Red Body, Green Spinner w/Check Valve	03551200070GL-B	18.4
BR-BR-GN	SpinNet Brown Mist Control, Brown Body, Green Spinner w/Check Valve	03551600090GL-B	23.4

\*Average flow at 32 psi.

### Parts

Bench Adaptor.....NT-BA....\$1.40

Weight Coupler....NT-WC...\$0.25

Goof Plugs (10) .....NT-GP...\$2.00

Replacement

Check Valves.....NT-RC...\$1.80

## Greenhouse Assemblies

### Pre-Assembled Hanging Basket Assemblies

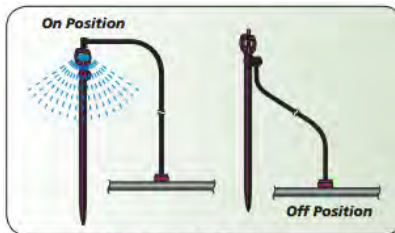
Comes pre-built with the 0.5 gph woodpecker Jr. and the slimline EZ close weight. Distributes water uniformly down the line, regardless of tube length. Allows the grower to put out the correct amount of water and nutrients. Once the hanging basket or pot is removed simply fold the weight to crimp the line. Sold in bundles of 25

Item	Part Number	Flow	Price
18"	NT-HB18	0.5 gph	\$0.85
24"	NT-HB24	0.5 gph	\$0.90
36"	NT-HB36	0.5 gph	\$0.95



Open ————— Closed

### Pressure Compensating Spray Stakes



**Simple Shut-Off Mechanism**  
Remove tubing from top and attach to the side.

Item	Part Number	Price
3.2 GPH Plum Dripper 36" Tube	NT-PDT36	\$0.95
Plum Spray Stake	NT-PSS	\$0.35
6.6 GPH Grey Dripper 36" Tube	NT-GDT36	\$0.95
Grey Spray Stake, Single	NT-GSS	\$0.35
Grey Spray Stake, Double	NT-GSD	\$0.35
7.9 GPH Brown Dripper 36" Tube	NT-BDT36	\$0.95
Brown Spray Stake, Single	NT-BSS	\$0.35
Brown Spray Stake, Double	NT-BSD	\$0.35
10.6 GPH Blue Dripper 36" Tube	NT-BDS36	\$0.95
Blue Stake, Single	NT-BSS	\$0.35
Blue Stake, Double	NT-BSD	\$0.35



### Multi-Outlet Dripper Assemblies

Mum Drippers. Sold in bundles of 25

Item	Part Number	Price
4 way flat 18"	014DM-1818F	\$2.54
4 way stackable 18"	014DMS-1818F	\$2.54
4 way flat 18"/30"	014DM-1830F	\$2.81
4 way stackable 18"/30"	014DMS-1830F	\$2.81
4 way flat 24"	014DM-2424F	\$2.80
4 way stackable 24"	014DMS-2424F	\$2.80
4 way flat 24"/36"	014DM-2436	\$2.97
4 way stackable 24"/36"	014DMS-2436F	\$2.97
4 way flat 30"	014DM-3030F	\$3.00
4 way stackable 30"	014DM-3030F	\$3.00
Wpc jr Mod 2.0 GPH	21520-001740	\$0.38



Key	Item	Part Number	Price
1	4- Way Manifold	NT-4WYF	\$0.25
2	4-Way Stackable Manifold	NT-4WYS	\$0.25
3	2-way Manifold	NT-2WYF	\$0.25
4	Micro tubing coupler	NT-MC	\$0.25



**Single Spray Pattern**  
Best choice for placing near edge of container.

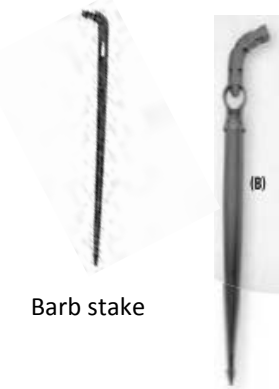


**Double Spray Pattern**  
Used when stake is placed closer to tree trunk.



## Indoor Growing Supplies

Item	Manufacture	Part Number	Price
Slimline EZ Close Weights	Netafim	NT-EZW	\$0.45
Angled Barbed Stake	Netafim	NT-ABS	\$0.20
Clip on Angled Barbed Stake	Toro	T-CABS	\$0.20
1000' Micro Tubing, white	Netafim	NT_MTW	\$75.00
1000' Micro Tubing, white/black	Toro	T_MTWB	\$75.00
1000' Micro Tubing, black	Netafim	NT_MTB	\$72.00



Barb stake

Clip On Stake



**Woodpecker Jr. Drippers**, pressure compensating which allows uniform distribution of water and nutrients throughout the irrigated area. The continuous self-flushing system provides improved resistance to clogging.

### Bags of 250 or per piece

Item	Flow	Part Number	Price
WPCJ- Red	0.5 GPH	21520-001040	\$0.35
WPCJ-Gray	1.0 GPH	21520-001440	\$0.35
WPCJ-Green	2.0 GPH	21520-001640	\$0.35
WPCJ-Purple	3.2 GPH	21520-001690	\$0.35
WPCJ- Orange/Gray	6.6 GPH	21630-001540	\$0.35
WPCJ-Orange/Brown	7.9 GPH	21630-001730	\$0.35
WPCJ-Orange/Blue	10.6 GPH	21630-002135	\$0.35



### Case of 13,000 Drippers

Other flow rates available

Item	Flow	Part Number	Price
WPCJ-Red	0.5 GPH	21520-000950	\$3,900.00
WPCJ-Gray	1.0 GPH	21520-001051	\$3,900.00
WPCJ-Green	2.0 GPH	21520-001250	\$3,900.00

**NGE AL Drippers**, anti-drain pressure compensating emitter, the emitter remains closed until an opening pressure of 15 PSI is reached, this allows a quick start up time and a uniform irrigation cycle. Self-flushing during operation to reduce clogging.

Item	Flow	Part Number	Price
DPCT02	0.5 GPH	DPCT02-3-AL-BLUE	\$0.33
DPCT03	0.8 GPH	DPCT03-3-AL-GRN	\$0.33
DPCT04	1.0 GPH	DPCT04-3-AL-BLK	\$0.33
DPCT08	2.1 GPH	DPCT08-3-AL-RED	\$0.33

Case of 4,000 drippers, call for price.



**Woodpecker Drippers**, same as the Jr. just a larger surface area for water filtration. Great for heavily fed crops like cannabis and hydroponic tomatoes

Item	Flow	Part Number	Price
WPC with CNL-Red	0.5 GPH	01WPCLL2-B	\$0.50
WPC with CNL- Gray	1.0 GPH	01WPCLL4-B	\$0.50
WPC with CNL- Green	2.0 GPH	01WPCLL8-B	\$0.50



## Media Master Pot & Flat Filler

This versatile machine features both a bale buster and pot/flat filler. Requires single phase 230VAC. Pre-wired with plug, full load 14 amps.

**Pot/flat filler features:** Fills pots/flats up to 14" wide and up to 12" tall. The leveler assembly height is easy and quick to adjust via a winch. Distribution chute is adjustable to evenly fill the pots & trays. Water-resistant control panel features variable speed controls for the conveyer and for the supply auger.

**Bale buster features:** A series of rotating arms that quickly and thoroughly mix and loosen soil in less than a minute. Capacity of 21 cu ft. loose (3= 3.8 cu compressed bales). Convenient fill height of 34". Overall dimensions 113" wide x 48" depth x 70" height. Order early, 3-week lead time.

**MMP.....\$9,850.00**



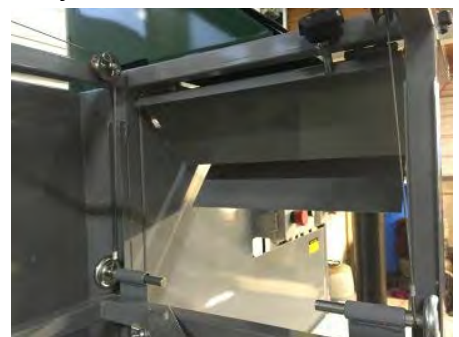
Rear View



Leveling roller and brush assembly



Adjustable distribution chute



**Media Master Water Tunnel:** can be used as a stand-alone unit or in line with flat filler. 4' long water tunnel.  
**MMWT \$3,500.00**

### Media Master Bale Buster

Features a hopper with a capacity of 14 cu. Ft loose (2=3.8 cf of compressed bales). Has a series of rotating arms that mix and loosen soil in less than a minute. Thorough mixing allows you to add additional products to your mix. Convenient fill height of 34". The supply Auger & fill chute allows you to easily fill pots and trays manually. Requires single phase 230VAC. Pre-wired and ready to plug in. Overall dimensions: 54" width x 48" depth x 69" height. Order early, 3 week lead time. **MMBB \$6,125.00**

Details of mixing arms



Details of filing auger and chute







### Pro-mix BX

Is ideal for growers looking for a general-purpose medium. Ideal for starting transplants. Growers benefit from the nutrient retention of vermiculite and the perlite providing limited but proper drainage capacities. 75-85% Spahgnum peat moss, perlite, vermiculite, limestone, wetting agent. 3.8 cu ft compressed.

Description	Item #	9 or less	10+	30/Skid
BX Original	PMBX-38	\$28.75	\$28.30	\$27.65
BX with Mycorrhizae	PMM-38	\$30.60	\$30.10	\$29.38
BX with Mycorrhizae + Biofungicide	PMMB-38	\$32.00	\$31.50	\$30.75

2.8 Cu. Ft. Loose Bag

Description	Item #	9 or less	10+	30/Skid
BX with Mycorrhizae	PMBX-28	\$16.10	\$15.85	\$15.50
BX with Mycorrhizae + Biofungicide	PMMB-28	\$16.60	\$16.30	\$15.95

### Pro-mix MP Organik

Is ideal for certified organic growers looking for a general-purpose medium. This growing medium delivers well balanced air/water qualities and is designed to meet crop requirements for certified organic growers. 60-70% Spahgnum peat moss, cori- horticultural grade, perlite, limestone, wetting agent, mycorrhizae, biofungicide. 3.8 cu ft compressed.



Description	Item #	9 or less	10+	30/Skid
MP with Mycorrhizae + Biofungicide	PMOG	\$35.90	\$35.30	\$34.50

### Vermiculite & Perlite

Horticultural grade. Both vermiculite and perlite are used to prevent soil compaction, improve aeration and retain moisture. Vermiculite acts more like a sponge, holding more water than perlite. Perlite retains water on its surface, but it is porous and allows excess water to drain. All bags are 4 cubic ft

Description	Item #	1-29	30/skid
Vermiculite, coarse 2A	VMC2	\$21.00	\$20.00
Vermiculite, fine 3A	VMF2	\$18.00	\$17.00
Perlite, Coarse	PLC1	\$13.00	\$12.00

## Soil

**Mycorrhizae:** *Glomus intraradices* is a biological growth enhancer that is naturally found in soils. It improves fertilizer and water uptake, increases the plants resistant to stress, both in the greenhouse and later in the field. Increases root mass, plant size and flower production.

**Biofungicide:** *Bacillus pumilus* is a naturally occurring strain of bacteria that combats many harmful organisms such as *Fusarium*, *Pythium*, and *Rhizoctonia*, these organisms cause diseases such as root rot, crown rot and damping-off. It improves germination and increases plant growth.



**ReSiLIENCE**, sun gro's trade name for silicon, helps plants with better root growth, increased stem diameter, earlier flowering, longer time to wilt and a quick recovery from infrequent watering

### Sunshine Mix #1 (green label)

Sphagnum Peat Moss, Perlite, Dolomite Lime, Long-lasting wetting agent, ReSiLIENCE Medium Water Retention  
3.8 cu feet per bag

Description	Item #	9 or less	10+	30/Skid
Sunshine Mix #1	SSM1	\$28.75	\$28.30	\$27.65

### Sunshine Mix #5/Propagation Mix (blue label)

Fine Sphagnum Peat Moss, Fine Perlite, Dolomite Lime, Long-lasting wetting agent, ReSiLIENCE High Water Retention  
3.8 cu feet per bag

Description	Item #	9 or less	10+	30/Skid
Sunshine Mix #5	SSM5	\$30.60	\$30.10	\$29.40

## Greenhouse Plastic

Tufflite IV, Tufflite Infrared, Tufflite Nursery clear and Tufflite White Copoly. 70% shade are available to order. Call for sizes, pricing and lead times.

## Pots and Trays

**Plug flats**, heavy duty to use without a carrying tray. Standard 1020 size. Other sizes available for order.



Description	Item #	1-5 case	6 +	Depth	Top Diameter
50 square	LPT050	\$110.00	\$106.00	2.25	1.75
72 square deep	LPT0720	\$100.00	\$97.00	2.38	1.63
128 square	LPT128	\$92.00	\$89.00	2	1.25
288 square	LPT288	\$104.00	\$101.00	1	0.75
288 square deep	LPT288D	\$104.00	\$101.00	1.75	0.75

## Square Pots

Press fit from Landmark Plastics. Other sizes available for order



## White Plastic Labels

Description	Item #	Price
4 1/2" x 1" (1,000/roll perforated)	PPL045	\$18.00
4" x 5/8" (1,000/box-loose)	PPL04	\$23.00
5" x 5/8" (1,000/box-loose)	PPL05	\$27.00
7" x 5/8" loop tag (1,000/roll perforated)	PPL07	\$28.00

## Mum Pans

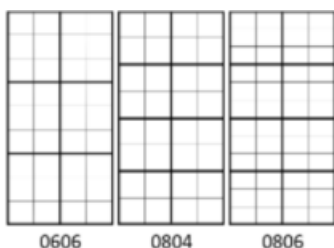
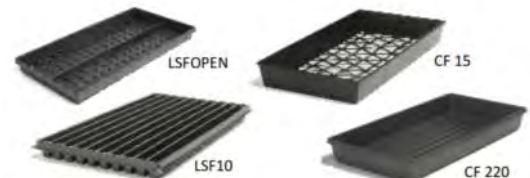
Description	Item #	Pcs/Cs	1-5	6+	Dia.	Depth
8" black, thermoformed	MUM8B	130	\$45.00	\$43.00	8	5
8" green, injection molded	MUM8G	258	\$200.00	\$195.00	8	5
9" black, thermoformed	MUM9B	140	\$55.00	\$53.50	9	5.9
9" terra-cotta, thermoformed	MUM9T	140	\$75.00	\$73.00	9	5.9
9" green, injection molded	MUM9G	140	\$75.00	\$73.00	9	5.9



## L Series Packs (inserts) and Trays Standard 1020 Size

20.85" x 10.42" Other sizes available for order

Description	Item #	Pcs/Cs	1-5	6+
606, 6 packs of 6 cells	IN606	100	\$48.00	\$47.00
804, 8 packs of 4 cells	IN804	100	\$48.00	\$47.00
806, 8 packs of 6 cells	IN806	100	\$48.00	\$47.00



Description	Item #	Pcs/Cs	1-5	6+
Medium Weight, solid side, web bottom	CF15	50	\$40.00	\$39.00
Heavy duty, almost solid side, web bottom	CF2	50	\$41.00	\$40.00
NCR tray, solid side with bottom drain holes	CF22	100	\$64.00	\$63.00
NCRN tray, solid side, no bottom drain holes	CF220	100	\$65.00	\$64.00
Open Seeder Tray, slitted bottom	CFOP	100	\$105.00	\$103.00
10 row seeder tray, slitted bottom	CF10	100	\$112.00	\$110.00



## Battery Operated Controllers



Waterproof, commercial grade, constructed of high impact plastic these controllers operate on 2 AA alkaline batteries for up to 3 years! No AC power required! Fully featured automation, semi-automation and manual operation all easily programmed with five buttons and an easy to read LCD display. Includes weekly calendar, can program odd days, even days or days 1-30.

### Single Station

Item	Part Number	Price
Controller with 3/4" valve	DIG710A07	\$95.00
Controller with 1" valve	DIG710A10	\$96.00
Controller with 1.5" valve	DIG710A15	\$155.00
Controller with 2" valve	DIG710A20	\$165.00

### Multiple Station (order valves below)

Item	Part Number	Price
Four Station Controller	DIG740	\$95.00
Six Station Controller	DIG7760	\$105.00

Heavy duty plastic valves for the controllers listed above. Note just the 4 station and 6 station need valves. They feature a manual flow control valve and are normally closed. DC latching solenoid. Connections are all FPT x FPT

Operating Pressure: 10-150

Item	Part Number	Price
3/4" DC Solenoid Valve	DIG7007	\$38.00
1" DC Solenoid Valve	DIG7010	\$39.00
1.5" DC Solenoid Valve	DIG7015	\$80.00
2" DC Solenoid Valve	DIG7020	\$85.00



### Garden Hose Controller

Heavy duty plastic garden hose control come standard FHT x MHT connections. Operates on one 9V battery, which can last up to one year. Allows for automatic and manual operations. Easy to program with 4 buttons and an easy ready LCD display. Up to 4 start times per day. Max pressure 80 PSI. Flow rate up to 5 gpm at 30 PSI.

Item	Part Number	Price
Battery Garden Hose Controller	DIGBO9D	\$40.00



### Agritape Heat Mats

Easy to install and remove, allows bench space to be used for multiple purposes. Agritape heats up when electrified with standard house current (110 volts AC) and generates heat up to 95°F that is extremely uniform across the mat. To install, roll mat out, connect ground screen to it and plug into controller. Controller comes with a soil temperature probe. Can set temperature on controller. Heat mat can increase the temperature up to 20°F hotter than the house temperature. Custom lengths are available to order, call for details. Heat mat includes ground screen, order controller separately.

Controller	Total Mat Sq. Ft	Part Number	Price
Precise	10	KBC-01	\$75.00
AT-JR	80	KBC-02	\$127.00
AT-1	120	KBC-03	\$137.00

Heat Mat	Part #	Price
11" x 4'	KBAT-1104	\$38.00
11" x 10'	KBAT-1110	\$65.00
22" x 10'	KBAT-2210	\$120.00
44" x 8'	KBAT-4408	\$201.00

## Automation

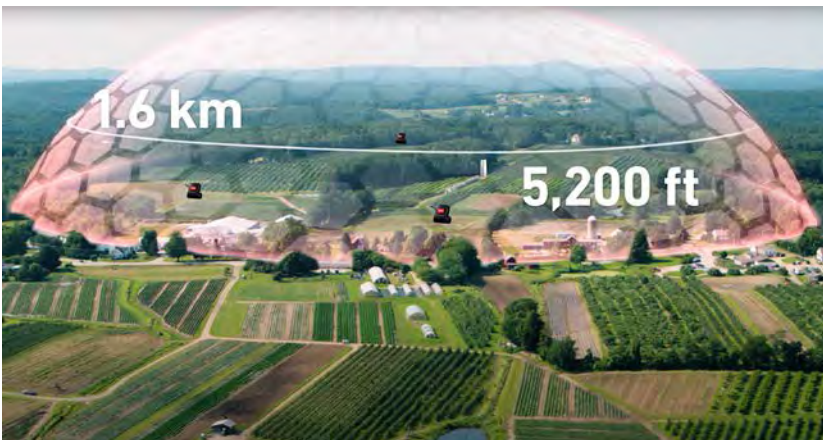


**TORO**

# TEMPUS-AG

### **Toro Tempus Ag Controller, a revolution in automation**

The toro tempus ag controller allows for full farm automation. Tempus Ag uses a LoRA radio signal to create a bubble which allows for system automation. 1 base station produces a LoRa bubble of 5,200 feet in diameter. Multiple base stations can be added to cover large areas over one network for the entire application. The base stations can be operated on Wi-fi or with a 4G wireless signal. It can run irrigation cycles as well as collect environmental data, allowing growers to adjust their irrigation schedules as needed. Tempus Ag can report on a variety of sensors; temperature, pressure, soil moisture, humidity and more. Tempus works in both an outdoor field setting and an indoor high tunnel or greenhouse environment, Tempus can send alerts via text or email at thresholds determined by the user.



All controllers and data acquisition devices are operated by a 9-volt battery. The base stations need 110/230v power, or can be operated from a solar panel.



All controllers are connected via Bluetooth on your phone or tablet. This allows you to quickly adjust irrigation schedules or look at performance data in the field. All cluster programs are adjusted via the web-based platform.

For more information check out the website:

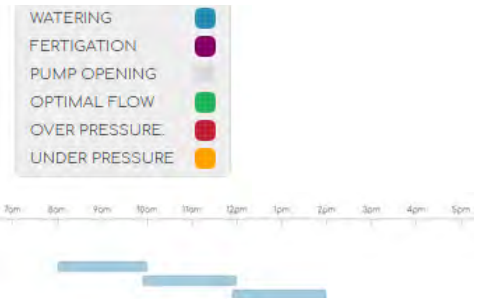
[Automation.toro.com](http://Automation.toro.com)



## Automation



The tempus-ag interface allows you to schedule irrigation cycles for each solenoid valve. Below is the schedule for 1 irrigation cycle.



For more information check out the Tempus Ag YouTube Video



Tempus requires 12 volt DC latching solenoid valves

Tempus-ag will send you alerts, either text or email, when a sensor is outside of the threshold that you set. This allows you to monitor the temperature in a greenhouse setting, watch for frost in the spring, detect a leak in your system via a loss in pressure or a spike in the flow meter. You can set each threshold and pick the alerts it sends you, allowing you to get the most out of the data.

### Alert - Multi Sensor MS4

Hello,

We have observed that the low threshold has been exceeded for the **thermometer**. Please take the appropriate measures.

The yearly service charge is billed annually in March. There are two levels of the service plan. **Level 1** uploads data every hour, and allows you to change the programs 365 times per year. However, if an alert is registered, it will alert you immediately. **Level 2** uploads data every 15 minutes, and allows you to change programs an unlimited amount of times.



Item	Part Number	Price
CT-1, 1 solenoid station	TEMPUS-AG-CT1	\$435.00
CT-2, 2 solenoid station	TEMPUS-AG-CT2	\$465.00
CT-6, 6 solenoid station	TEMPUS-AG-CT6	\$536.00
MS-1, 1 sensor station	TEMPUS-AG-MS1	\$260.00
MS-4, 3 sensors, 1 temperature sensor	TEMPUS-AG-MS4	\$285.00
Tempus Base Station, 4G	TEMPUS-AG-Base4G	\$2,010.00
Tempus Base Station, Wi-fi	TEMPUS-AG-BaseWi	\$2,010.00
Solar Panel Kit	TEMPUS-SOL20	\$465.00
Pump Relay	TEMPUS-Pump	\$215.00
Pressure Sensor	TEMPUS-AG-PR	\$690.00
Master Valve	TEMPUS-AG-MV	\$560.00
Level 1 Service Charge	TEMPUS-SIM-24C	\$725.00
Level 2 Service Charge	TEMPUS-SIM-96C	\$1,690.00

## Automation

### Toro Evolution AG Series Irrigation Controller

This controller is simple, economical and effective. It is built on the Evolution platform which allows for modular expansion, fertilizer injection, pulse irrigation, propagation and misting schedules with the ability to program valves to your specific needs: from 1 second to 24 hours.

- Operate up to 4 valves at one time
- Program valve run time from 1 second to 24 hours
- Manage 2 fertilizer pumps, can run on specific days or with every watering
- Modular expansion: 4, 8, 12 and 16 valves
- Grower friendly for programing and using!



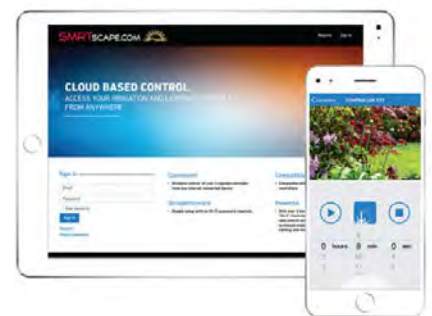
Item	Part Number	Price
Four Station Evolution Controller	EVO04	\$280.00

Add-On Items			
Item	Part Number	Price	
4-Station Expansion Module	EMOD-4	\$39.00	
12-Station Expansion Module	EMOD-12	\$131.00	
Smart Connect Plug-In Receiver	EVD-SC	\$78.00	
Wireless Soil Sensor Probe	PSS-SEN	\$78.00	
wireless Weather Station	EVO-WS	\$70.00	
SMRT Logic Internet Gateway	SMRT-T	\$104.00	
Wireless Auxiliary Relay	EVO-AR	\$112.00	

The wireless auxiliary relay allows you to control and program any 120V powered item with the SMRT Logic!

### SMRT Logic Internet Gateway

Step up your irrigation with this add on to the evolution controller. Access everything on your phone, iPad, Tablet, or computer from anywhere with internet access, even in another country. You can control up to 10 different irrigation controllers or auxiliary relays. Simply plug the SMRT Logic Gateway into an existing wireless router, connect to the internet without a need for passwords. Uses a secure 900 MHz Radio Frequency which gives you up to 3x the range of typical Wi-Fi. With the plug and play set up you can be running in no time. Add multiple users to one system so everyone can see what is happening.



### Solenoid Valves

**A-2500TF: 1" valves** include key standard features such as flow control, manual internal and external bleed. Flow Range: 0.25-30 GPM Pressure Range: 10-150 PSI \$38.00 each

**A-217B: 2" valves** include key features such as flow control, manual bleed and porting for use in globe and angle configurations. Flow Range: 20-120 GPM Pressure Range: 10-150 PSI \$170.00 each

**A-100B 3" valves** include key features such as flow control, manual bleed and porting for use in globe and angle configurations. Flow Range 150-300 GPM Pressure Range 10-200 PSI. \$235.00 each

**DC Latching Solenoid:** for the tempus ag controller \$23.50 each



## Soil Moisture Sensors



**Watermark Sensors** are designed to be in the field for the season, or for years in orchards, and read as often as needed. They are not affected by freezing and are easy to use. They have a 0-200 centibar range and are internally compensated. One hand held reader can read any amount of sensors. Sensors can also be read via a channel data logger or a wireless mesh network.

Item	Item Number	Price
WaterMark Sensor 5' cable	WMSN	\$35.00
WaterMark Sensor 5' cable, stackable	WMSN-S	\$36.00
WaterMark Reader	WMRD	\$210.00

The best way to install the watermark sensors is to glue the sensor to the bottom of ½" pvc, thread the cord up through the pipe and tape with electrical tape for easy reading. Make a cap with ¾" pvc pipe. Using a soil probe to make the hole for installing the sensor at the beginning of the season works well. They are not designed to be moved throughout the season. It takes 24 hours to calibrate upon install.



**Irrrometer** SR series has a replaceable ceramic tip, an air free gauge chamber, and hermetically sealed IRROMETER vacuum gauge with dual scale of centibars and kilopascals (0-100 cb [kpa]). Easy to use, but needs to be brought in before it freezes in the fall.

Item	Item Number	Price
12" SR Irrrometer	WM212	\$90.00
18" SR Irrrometer	WM218	\$92.00
24" SR Irrrometer	WM224	\$96.00

## Weed Wiper



The weed wiper machine is intended for use between rows of plastic to help control weeds. An electric backpack sprayer saturates the weed wipe applying a thin coating of film on target weeds. Different products can be used, but as a reference for conventional growers, Gramoxone can be used at the standard application rate. Prior to use it is suggested to pre-wet the blue wipe with water. After use and prior to switching products a flush of a gallon of water is recommended. This product is ideal for between plastic rows but also plays a big role in no-till production for the perennial weeds. Typical run time on one battery is one hour. Personal protection equipment has to be used during application according to the label. Please call for any questions.

Comes with 24" wiper and machine, made with light weight aluminum. \$1,800.00  
Other sizes available, as well as a multi row trailer, call for more info.

### Wiper Panel Only

Item	Price
18"	\$595.00
24"	\$595.00
28"	\$650.00
30"	\$650.00



## Meganets Sprinklers

Netafim Meganet Sprinklers output ranges from 0.88 gpm to 3.30 gpm. A balanced sprinkler design emitting water from two equal jets with no wobble. Excellent for frost protection, overhead watering, germinating root crops and hydro cooling. Install in two different methods Flexnet or Flat tube header pipe. The sprinklers are color coded by the flow rate for identification. UV treated and will last for years. Each sprinkler has a built-in filter to prevent the nozzles from getting clogged. Easy to set up and easy to move, the most versatile sprinkler on the market.



SCAN ME



Scan for more  
information  
and specs!

24° high trajectory angle

Nozzle Color	Flow	Part Number
Yellow	0.88 GPM	MG-YL
Green	1.54 GPM	MG-GR
Blue	1.98 GPM	MG-BL
Red	3.30 GPM	MG-RD

Item	Part #	Price
Complete Assembly	MGA-C	\$12.00
Sprinkler Head	MGH-C	\$7.50
Sprinkler Tube, Flat Tube	MG-TF	\$4.00
Sprinkler Tube, Flexnet	MG-TX	\$4.00
Fiberglass Stake	STK	\$1.00
Flat Tube adaptor	MG-FA	\$1.00
Flex Tube Adaptor	MG-XA	\$1.25
Flat tube x flexnet adapter	MG-FX	\$1.50
Flat tube plug	MG-FP	\$0.50
Drip Adapter	MG-DA	\$1.25
Drip Tee Adapter	MG-DT	\$1.45
Orchard Tubing Adapter	MG-OA	\$1.45
Flexnet Repair Kit	MG-XR	\$65.00



Flat Tube  
Adapter



Flexnet stand  
Adapter



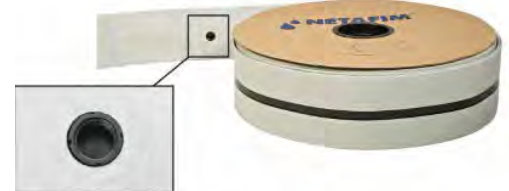
Flat Tube  
stand x  
flexnet



Plug for  
flat tube



Flexnet  
Tape Tee



1/2" FEMALE THREADED  
INTEGRAL WELDED OUTLET  
\* BLACK COLOR - POLYNET  
GREEN COLOR - FLEXNET



Flexnet Tape  
Adapter

For the assemblies and Sprinkler head where the C is please use the first letter of the color (Y, G, B, R)

### FlexNet

A versatile tubing used for Meganets, drip header, and supply line. 1/2 pipe thread outlet every 6 feet. Comes in 328 foot rolls. Other spacings available, call for pricing.

Item	Part Number	Price
2 inch 3' holes	FN-23	\$310.00
2 inch 6' holes	FN-26	\$295.00
3 inch 6' holes	FN-36	\$365.00
4 inch 6' holes	FN-46	\$455.00
1/2" Plug	FN-plug	\$0.25



Flexnet  
orchard tube



Flexnet Plug





## Overhead Irrigation

### 2002 AquaSmart Assemblies

Flow regulated micro sprinklers, ideal for under tree watering, landscape, flower beds, shrubs and nurseries.

Punches into header hose.

3.5' wetting diameter, 9.3 GPH.

30" tube length, includes stake

AQARXL.....\$4.50



### 233 AF Brass Impact Sprinkler

233AFB \$20.00

Comes with brown nozzle for frost protection. ¼ turn for easy clean out while running.

30' radius ¾" Male pipe thread



### 233 Nozzles

Nozzle Color	Size	Part Number	Price
Blue	9/64"	17585355	\$1.55
Black	5/32"	1785405	\$1.55
Brown	11/674"	17585455	\$1.55
Purple	25/128"	17585505	\$1.55
Orange	7/32"	17585555	\$1.55
Grey	1/4"	17585655	\$1.55

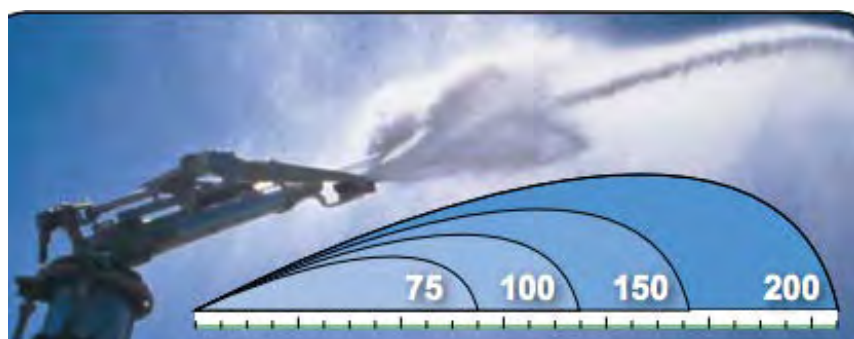
## Komet Irrigation Guns



Twin Max #	GPM	PSI
101	22-268	25-110
140	62-335	30-110
160	92-538	40-130
202	137-832	40-130

Call for current pricing

## Nelson Big Guns



Type	GPM	PSI	Nozzle
SR75	30-160	25-80	Tapered Ring
SR100	50-300	40-110	Tapered Ring
SR150	100-630	50-120	Tapered Ring
SR200	250-1200	60-130	Tapered Ring

Call for current pricing

### The Big Gun® Family



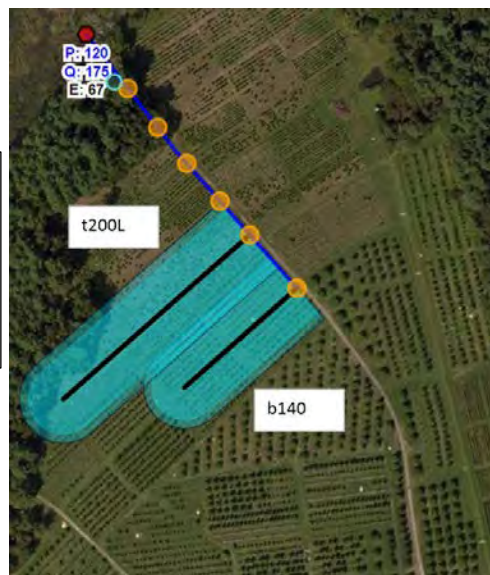
All Nelson guns listed are 24 degree part circle guns. Please call for additional nozzles or parts.





## Ag-Rain Water Reels

Irrigate from 2.5 to 12 acres per run. Cover large acreage and curvy rows quickly and evenly. Available in Turbine drive or Engine drive models.



Brookdale Farm Supplies is the largest Kifco dealer in the Northeast Region. With units in stock and parts a phone call away, we have the water reel products to meet your needs. Considering a new reel and wondering what the coverage area would look like. Brookdale has exclusive reel design software (above image) that overlays coverage width and length on a satellite view. Very useful for reel model comparison and field layout. Contact us for a free simulation and quote at 603-465-2240 or email at [tractortrv@aol.com](mailto:tractortrv@aol.com)

## Ag-Rain Water Reels Specifications

Model	Tube Inner Diameter x length	Irrigated Width	Irrigated Length	GPM Range
T25x750	2.5" X 750'	154'-207'	831'-857'	74-177
T27x980	2.7" x 980'	154'-203'	1057'-1082'	74-152
T30x660	3.0"x660'	186'-253'	753'-787'	125-330
T30x980	3.0"x980'	172'-243'	1066'-1101'	100-275
T30x1200	3.0"x1200'	186'-232'	1293'-1316'	125-240
T33x1120	3.3" x 1120'	200'-252'	1220'-1247'	165-330
T37x1080	3.7" x 1080'	200'-266'	1180'-1213'	165-145
T37x1220	3.7" x 1220'	210'-266'	1325'-1353'	205-415
T40 x 1250	4.0" x 1250'	228'-305'	1364'-1404'	230-535
T45 x 1150	4.5" x 1150'	233'-321'	1267'-1310'	277-695
T41x1476	4.1" x 1476'	288'-299'	1590'-1625'	230-539
T45 x 1250	4.5" x 1250'	233'-321'	1367'-1410'	233-695



### Ag Rain Options

- Sprinkler: Nelson, Komet
- Engine or Turbine Drive
- Hydraulic Stabilizers and turn table
- Gun cart riser extensions
- Supply hose strainers
- High pressure auto shut off
- Dual wheel gun cart
- Various supply hose connections



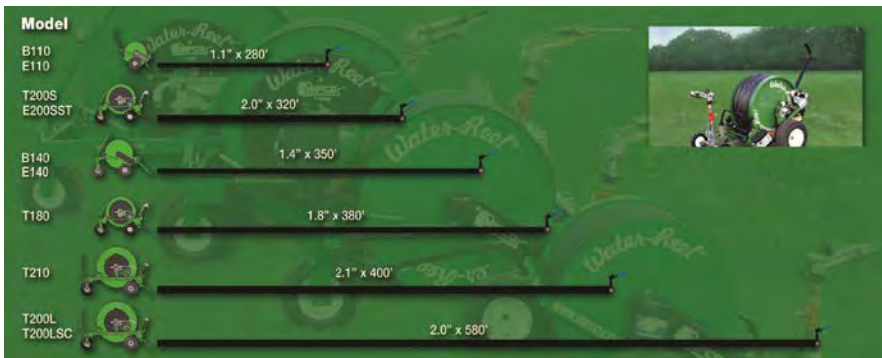
## B Series Water Reels

Irrigates from 0.5 -3.5 acres per run. Portable, easy to move and operate. Ideal for vegetables, Christmas trees, corn, pastures, hay fields, horse arenas, and sports fields.



Please Call for Current Pricing: 603-465-2240 \* units are in inventory at Brookdale.

Model	Irrigated Width	Irrigated Length	Drive System	GPM Range
E110*	58'-110'	309'-335'	Electric	3-26 GPM
B110*	68'-110'	314'-339'	Bellows	4-27 GPM
B140*	100'-198'	400'-449'	Bellows	18-80 GPM
E140	82'-198'	391'-449'	Electric	13-80 GPM
T180*	105'-221'	432'-490'	Turbine	26-120 GPM
T200S	105'-238'	372'-476'	Turbine	26-148 GPM
T200L*	138'-191'	634'-685'	Turbine	36-115 GPM
E200SST	121'-198'	380'-419'	Engine	52-168 GPM



### 1 Year Warranty on new Reels Reel Options

- Sprinkler: Nelson or Komet
- 1.5" or 2" camlock hook up
- Reel mounted booster pump
- Additional supply hose lengths 50'
- Conical cone strainer for dirty water
- Gun Cart Riser
- Large tire gun cart upgrade



Electric drive available for low flow/well water applications. Solar Panel Kits and batteries have been designed for E110 and E140 models. Great for low pressure pumps.



## Pumps

Brookdale provides a variety of pumps, from combustion engines to electrical, or power take off driven pumps. These include low volume high pressure pumps to high-volume low-pressure pumps. Manufacturers we distribute for are Rainbow Irrigation, Gould, Franklin Electric, Kifco, Pentair, Northstar, Monarch, Caprari, Ocmis, and Rovatti pumps. Please contact us to size the right pump for your application.

**North Star** High pressure water pumps for drip irrigation and Kifco B series water reels. These are our best selling pumps, available in two sizes 5 hp and 9 hp with reliable Honda GX engines. Pump pricing below is an assembly including; suction hose, foot valve, suction float, 360 swivel outlet and pressure gauge. The assembled pumps 360 degree swivel outlet keeps layflat line away from the exhaust and creates a large fill port for pump priming. Pump curves and parts breakdown available. Bare pumps available, call for pricing.



Size	HP	Flow	TDH	Price
2 inch	5	120 gpm	214'	\$ 1,300.00
3 inch	9	175 gpm	263'	\$ 1,750.00
3 inch	16	225 gpm	230'	\$ 4,500.00

Replacement PTO Seals		
HP	PN	Price
5	782972	\$24.00
9	782991	\$38.00



Caprari PTO pumps come fully fitted with primer and isolation valve, pressure gauge and outlet pipe connection fitting of your choice. Price includes all above items. PTO pump cart frame is triangular to prevent vibration and rotation from PTO shaft. Pricing below for standard models, suction hose or outlet adapters extra. Pump curves available. Call for quote.



### Caprari PTO Pumps

Pump comes fully fitted with inlet and outlet fittings.

Type	GPM	PSI	Suction	Discharge	Price
D2-40	50-150 GPM	45-145 PSI	3"	2"	\$5,470.00
D2-50	50-250 GPM	50-135 PSI	4"	3"	\$5,632.00
D3-50	70-300 GPM	45-165 PSI	4"	4"	\$6,166.00
D2-65	100-425 GPM	50-100 PSI	4"	4"	\$6,432.00
D3-65	150-530 GPM	50-160 PSI	6"	4"	\$7,095.00
D4-80	200-700 GPM	70-160 PSI	6"	6"	\$8,141.00



## Pumps and Pump Accessories

**Rainbow Pumps** the industries best built engine pumps with John Deere or Isuzu diesel power units from 30 to 200 hp. Also available in electric VFD control. Engine pumps come with a murphy safety system monitor with auto shut down. Rainbow builds units with large fuel tanks and high capacity radiators to prevent overheating. Quiet run type mufflers come standard, trailer or skid mount, and electric or protek primer. Please call for pricing and sizing per application.



**Flow Meters**



Netafim IRT Flow Meters are ideal for tracking the water usage in a season. They have low head impact. Bearings are constantly flushed to eliminate deposits of solids. Sold as a Bolted Flange attachment.

Item	Part Number	Price
1 1/2"	DWY15	\$375.00
2"	DWY20	\$400.00
3"	36IRT3F	\$660.00
4"	36IRT4F	\$850.00
6"	36IRT6F	\$1,225.00



**Protek Primers**



Item	Part Number	Price
DP 5	PPDP5	\$210.00
DP 7	PPDP7	\$465.00
DP 9	PPDP9	\$625.00

### Replacement Diaphragms

Item	Part Number	Price
DP 5 Diaphragms	PPDP5RD	\$38.00
DP 7 Diaphragms	PPDP7RD	\$ 42.00
DP 9 Diaphragms	PPDP9RD	\$48.00

**Electric Pumps** available from Gould, Franklin Electric, Pentair, StaRite. Single and 3 phase available in submersible or surface mount. Please call to size the right pump for your application



### Suction Floats

Float the suction to help keep the foot valve in clear water and off the bottom of the pond. Helps keep the filters from clogging.



Suction Size	Part Number	Price
2" to 3"	MBFS	\$45.00
4" to 6"	MBFL	\$92.00

## Raised Bed Plastic Mulch Layer



**RB448 with Drip Attachment**



**RB436 with Drip Attachment**

### Features

- Compact machine, small tractors and high tunnel use
- Crowned bed is higher in the center
- Teflon lined bed press gives a smooth pressed seed bed and eliminates holes
- Adjustable tension on plastic roll prevents free spooling.
- Independently spring loaded press wheels ensure plastic is stretched tightly
- Large cover disks are independently spring loaded and are fully adjustable to insure the plastic is covered securely

**Model RB448** Adjustable lays 3 or 4 ft. wide plastic, Forms 4" high and 20 or 30" wide bed, Hp. Req. 30-35.

Add \$125.00 for inbound freight **\$2060.00**

**RBA1** Drip Irrigation Attachment for RB448 **\$170.00**

**RBA12** Double Drip Irrigation Attachment for RB448 **\$290.00**

**RBA4** Adjustable Row Markers for RB448 or RB436 **\$148.00**

**Model RB436** Lays 3 ft. wide plastic, Forms 4" high and 20" wide bed, Hp. Req. 25-30. Add \$100.00 for inbound freight **\$ 1475.00**

**RBA11** Drip Irrigation Attachment for RB436 **\$170.00**

**RBA121** Double Drip Irrigation Attachment for RB436 **\$290.00**

Dirt shields **standard on RB448**, Optional on RB436 **RBA2 \$80.00**

### Stainless Steel Fertilizer Hopper

To incorporate granular fertilizers in the soil under the plastic mulch. Wheel drives off of plastic roll for consistent flow. **For granular fertilizer, will not work with powder.** Approx. 100-120 lbs. capacity. Adjustable flow, controls fertilizer rate. **RBA5 \$495.00**



Model 251^ Model 250>



### Hydraulic Winder

The hyd control, controls reel speed & also has a relief valve for safety. 24" wide reel holds up to 1200 ft of plastic & drip tape. Model 250 has a removable end plate, simply flip two levers and pull off the end plate, The center is cone shaped making the plastic easy to remove. Model 251 is a collapsible reel with no end plate. Model 251 cannot use galv. spools. Cat. #1 - 3 Pt Hookup. Please add \$100.00 for inbound freight.

**LIFSP** Galvanized metal reusable spool for retrieval & storage of header lines, etc. Fits on 250 wrapper. **\$ 49.00**

**Model250**, stand on, removable cone and plate, good for galv. spools **\$1300.00**

**Model251**, stand on, collapsible reel **\$1300.00**



## Water Wheel Transplanters



**Model P150 3-point Hookup.** Features 150 gal. tank, adjustable height on rear wheels and comb. cat. #1 & #2 lift pins. Top rack in back of tank is included, will carry up to 20 -#1020 flats Add \$125.00 for inbound freight. **\$2,670.00**  
Can special order the P150 combination model, ideal for using with horses. Call for a quote or more information.

**Second Top Rack Bolts** on in back on regular top rack, gives planter total carrying capacity of 26 trays **\$195.00**

**Planting Wheels** Standard spike has a 2 5/8" sq. base is 4.5" Long. Stock spacing: 12, 15, 18, 24, 30, 36, 42, 48" **\$145.00**

**SUPER WHEEL for Snap-on Spikes (Order Spikes Separately) \$143.00**  
w/no. of spikes = spacing

**PWS24** 12=8", 6=16", 4=22", 3=28", 2=40", 1=77"

**PWS26** 18=6", 9=12", 6=17", 3=31", 2=45", 1=86"

**PWS30** 24=5", 12=10", 8=14", 6=19", 4=27", 3=35", 2=51", 1=98"

Spike	A	B	C	D	E
Plug Size	3" Pot	2.5" pot	50-72 plug	72-96 plug	96-128 plug
Dimension	4" x 6"	3 1/4" x 5 1/2"	2 5/8" x 4 1/2"	2 1/4" x 4"	2" x 3 1/2"
Price	\$9.00	\$8.00	\$5.00	\$5.00	\$5.00

### Plastic Mulch Lifter

Designed to lift plastic prior to removal. The gauge wheels adjust the lifting depth, set depth to approximately 2 inches below the plastic. Machine can also be used to lift root vegetables for easy harvesting. Requires 50+ HP, able to lift 3-5 foot plastic. Hydraulic model is recommended for rocky soil. Add \$125 for inbound freight.

LIF550S Auto Hydraulic Reset: **\$2,900.00**

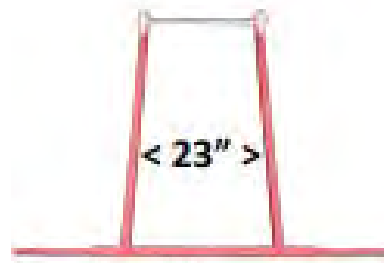
LIF500S Shear Bolt Protected: **\$2,070.00**

Optional Center Vine Cutting Disc: **\$175.00**

Water Wheel Transplanter passes over a completed bed (performs equally well in raised or flatbed applications) planting wheel punches and waters the hole completely, and allows the operators, riding in a comfortable position, to place a plug, potted or bare root plant directly into the watered hole. Plant mortality is kept extremely minimal.

### Check out these Key Features!

- Open Back of the machine makes planting wheel changes easy.
- Stainless steel planting wheel axle for easy planting wheel change.
- Compact design allows closer row centers, short turns at ends of rows
- Increased water and tray carrying capacity, up to 20 trays
- Twin Parking Stands
- Fully adjustable comfortable high back cushioned seats with foot rests
- Tank shut-off valve can be reached from the seats, independent flow on each side.
- Plant up to 3 rows per bed



**Hand Drawn Planter Wheel Bracket** Use with any planting wheels. For row marking or when it is too wet to go in to the fields with a tractor. 1-4 rows per bed, space and stagger wheels as needed. Ideal for onion planting, seeding summer squash into black plastic, flowers and many other crops **\$215.00**

**Rubber Stoppers** for unused slots in Super Wheel RSS \$0.75 each





## Cover Crop

Can also order King's AgriSeeds forage mixes.



### Cover Crop Mixes and Individual Species

Available in 55-pound bags or 2000-pound bulk bags

- ❖ Brookdale's Early Cover Crop Mix; Wheat, Oats, Crimson Clover, Hairy Vetch, Phacelia, Daikon Radish
- ❖ Brookdale's Late Cover Crop Mix; C. Rye, Crimson Clover, Vetch and Daikon Radish
- ❖ Rye
- ❖ Create your own mix, or select one of King AgriSeed's mixes



Early Cover Crop Mix



Buckwheat Mix



Sunflower Mix

## No-Till Transplanters

The ideal plug size for a no-till transplant is a 72-128 count tray size. The smaller plug is needed to increase native soil contact and improve transplant survival. With the smaller transplant size planting schedules may need to be pulled ahead a week or two depending on timing or if row cover is being used.



**P1500 Combination Pull-type** with large transport wheels, it converts easily to 3-point hook up by pulling 3 pins and dropping the hitch. Has adjustable turnbuckle on hitch for easy leveling. Same features as the P150, found on page 48. Ideal for those who want to use the no-till attachment in addition to their regular planting. Add \$125 inbound freight, **\$3160.00**



**Hydraulic lift No-till unit for P1500**, attaches on the P1500 3-point hook up instead of the hitch. Extremely easy to hook up and unhook to easily switch between no-till and conventional. Twin waved, spring loaded coulters and drip attachment. Call for pricing.





## Checchi & Magli Transplanters

High quality Italian made transplanters for both bare ground and plastic. Transplant water and extra tray storage available. Call for current pricing and to design your planter.

AUTHORIZED DEALER



C&M (Checchi & Magli)

### MODEL PLANTING CHART

	MODEL Name	Plug	Bare Root	Tray Holder (standard)	minimum row-to-row	minimum plant-to-plant	line per operator		drive	
							single	twin	universal	independent
DIRECT GROUND CAROUSEL	Trium	X		4 sided	20"	4"	X		X	
	Uni-Trium	X		4 sided	20"	4"	X			X
	Baby Trium	X		4 sided	16"	4"	X		X	
	Baby Compact	X		horiz racks	12"	4"	X		X	
	Dual 12 Gold	X		4 sided	12"-20"	6"		X	X	
	Dual 12 Compact	X		horiz racks	10"-12"	6"		X	X	
DIRECT GROUND FINGER-TYPE	Foxdrive (20 pocket)	X	X	planter box	20"	5"- 16"	X		X	
	Foxdrive (15 pocket)	X	X	planter box	20"	7"- 21"	X		X	
	Foxdrive (10 pocket)	X	X	planter box	20"	11"- 32"	X		X	
	Foxdrive (5 pocket)	X	X	planter box	20"	25"- 50"	X		X	
	Uni-Fox	X	X	planter box	20"	same	X			X
	Foxdrive R14	X	X	planter box	20"	3.5"	X		X	
DIRECT GROUND OR PLASTIC	Wolf	X		4 sided	20"	9"- 65"	X		X	
	Wolf PS14	X		4 sided	20"	9"- 65"	X		X	
	Wolf Compact	X		horiz racks	12"	9"- 65"	X		X	
	Wolf Pro	X		4 sided	12"	10"- 79"	X		X	
TUBERS	F300L	tubers		Trays OR optional hopper	22"	5.5"	X		X	

The Uni-Trium and the Uni-Fox have an independent drive, meaning each row unit moves independently from the others. This feature is ideal if you have a lot of hills, rocks or are planning on using the planter for no-till. If one row unit gets caught on a rock only that row will be affected. With a dependent drive found on a trium or fox transplanter all row units are tied together from one drive axle.

## Checchi & Magli Transplanters

High quality Italian made transplanters for both bare ground and plastic. Transplant water and extra tray storage available. Call for current pricing and to design your planter.

### Vertical Carousel Transplanters



#### Wolf Pro

- Bare ground or raised bed plastic
- Plugs
- Rotating cups
- Distance between plants: 10" to 79"
- Distance between rows: 19.6" to 35.5"



#### Baby Compact

- Bare ground or raised bed plastic
- Plugs
- Distance between plants: 4" to 32"
- Distance between rows: 11" +

### Potato and Garlic Planter



- **F300L**
- Plants potatoes, tubers, garlic and onions
- Available in 1 to 4 rows
- Driven by own drive wheels
- Quick- change clutch gears allow spacing adjustments: 5.52 inches to 11 inches

### Potato Digger



- **SP50V**
- Digs potatoes, garlic, onions, sweet potatoes
- Single row machine
- Vibrating ploughshare covers the potatoes into the sieve



## Horizontal Carousel Transplanters



**TRIUM**

### Trium

- Bare ground
- Plugs
- Driven by tied driving wheels
- Carousel Transplanter-- -10 cups
- Distance between plants: 6"- 20"
- Distance between rows: 20"- 35"
- Each row unit is independent and modular
- Ideal for cabbage, broccoli, tobacco, tomatoes, peppers, cucurbits



**UNITRIUM**

### UniTrium

- Bare ground
- Plugs
- Independent driving wheel for each transplanter unit
- 10 cup carousel—12 cup special order
- Distance between plants: 6"- 20"
- Distance between rows: 20"- 35"
- Each row unit is independent and modular
- Ideal for cabbage, broccoli, tobacco, tomatoes

**\*\*No Till Option available\*\***

## Finger Transplanter

### Fox

- Bare ground
- Bare root or plugs
- 1-7 rows per unit
- 19.6 inches to 35.4 inches between rows
- Between Plants
- Standard: 10 grippers per wheel with 9 inches to 31.4 inches between plants
- Special: 15 grippers per wheel with 7 inches to 21.6 inches between plants
- Master: 20 grippers per wheel with 6 inches to 15.7 inches between plants

**\*\* UniFox is available and a No Till Option\*\***



**FOX**

Call Brookdale to build the ultimate transplanter for your needs. Checchi & Magli Transplanters are known for their reliability and high plant count per acre in a day. Let the experts help design the right machine for you. Custom planters have a significant lead time. Order early



# Tailor-made soil preparation

Forigo is an Italian manufacturing company offering a wide variety of high-quality soil preparation equipment. The most common types that people are using in the northeast are power harrows, stone buriers, and bed formers. Each machine is customized specifically for your needs. This equipment is ideal for one pass tillage systems with high vegetative matter. Custom equipment requires lead time of 3 to 4 months for delivery. Orders are placed in January, and March. Call for quote.



## Stone Burier

These machines process the soil and bury stones, cover crop residue, tree roots, and other debris with ease. The inverted rotation of the rotor combined with a selector rake and leveling bar cover the buried material with a fine and clean layer of soil. Stone buriers simplify the field prep for vegetable farms, creating well-formed stable and porous beds to either plant directly into or to lay plastic on.

**Orchard option:** Stone burier with grass seeding in one pass for rut filling and leveling. Call for pricing

## One Pass Tillage Combination Machine

This is the above stone burier with a fertilizer hopper, bed former, and plastic layer mounted behind the stone burier. This allows for true single pass tillage and bed prep. In one pass you can turn in a cover crop, prep the soil, lay plastic and drip tape and leave cover crop growing between rows of plastic. The bed former and plastic layer can be removed from the stone burier for tillage or bed shaping purposes only. This is a long machine requiring greater hydraulic flow and lift capacity, call to ensure this will work with your tractor.



Can add fertilizer hopper, a seed hopper and more, high clearance option available please call for more information

Model	Working Width Inch	Overall Width Inch	Horse Power
G25-130	51	59	40-60
G25-150	59	67	30-60
G35-170	67	76	50-100
G35-185	73	81	50-100
G35-200	79	87	50-100
G35-230	91	99	75+
G35-250	98	107	100



Stone Burier Model	Plastic Layer Model	Working Width	Plastic Width
G35-130	STF-110	51	4 foot
G35-150	STF-130	59	5 foot



## Forigo Shredder/ Mowers



T18S

FT8

TL16

The Shredder/Flail Mower is ideal for mowing cover crop, chopping brush, managing field edges and over grown brook banks.

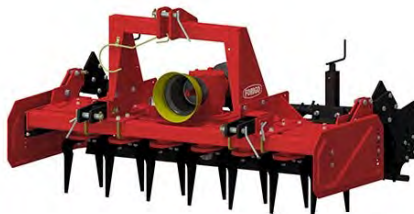
- Special semi forestry rotor with hardox hammers, durable and long lasting
- Spherical roller bearings
- Belt driven transmission
- Strong side panels
- Adjustable reinforced roller with scraper
- Reinforced front protection flaps
- 540 rpm with overrun clutch
- Side shift



Model	Working Width Inch	# Hammers	HP Required	Weight lbs
T18S-160	61	14	60-100	1390
T18S-180	69	18	60-100	1545
T18S-200	77	20	60-100	1655
T18S-220	85	20	60-100	1865
T18S-250	96	22	70-100	1965
T18S-280	108	24	70-100	2095
T18S-300	116	26	80-120	2250
TL16-200	77	60	80-120	2315
TL16-220	85	60	80-120	2540
TL16-250	96	66	80-120	2600

The FT8 Shredder is ideal for the 30-50 horse power tractors. This shredder is great for mowing cover crop, managing field edges and over grown brook banks.

- Universal 3 point linkage Cat 2
- Double fixing position for front and rear mounting
- Gearbox with overrun clutch 540 rpm PTO
- Belt driven transmission
- Rotor with hammers
- Adjustable reinforced roller with scraper
- Reinforced front protection flaps



Model	Working Width Inch	# Hammers	HP Required	Weight lbs
FT8-110	43	10	30-40	660
FT8-130	51	12	30-40	730
FT8-150	59	14	35-40	795
FT8-180	70	16	40-50	905
FT8-200	81	18	40-50	995

### Power Harrow

These machines are based on the counter rotating vertical rotor with tines. This allows it to crumble large clumps of soil and leaves a level working surface behind. Also giving you excellent soil aeration while maintaining its natural composition.

Model	Working Width Inch	Overall Width Inch	Horse Power
F61-110	43	44	30-60
F61-130	50	52	30-60
F61-150	58	60	30-60
F61-170	66	68	30-60
F81-180	70	72	40-90
F81-200	78	80	40-90
F110-230	98	100	50-100
F110-300	117	119	50-100

Call for Current Pricing

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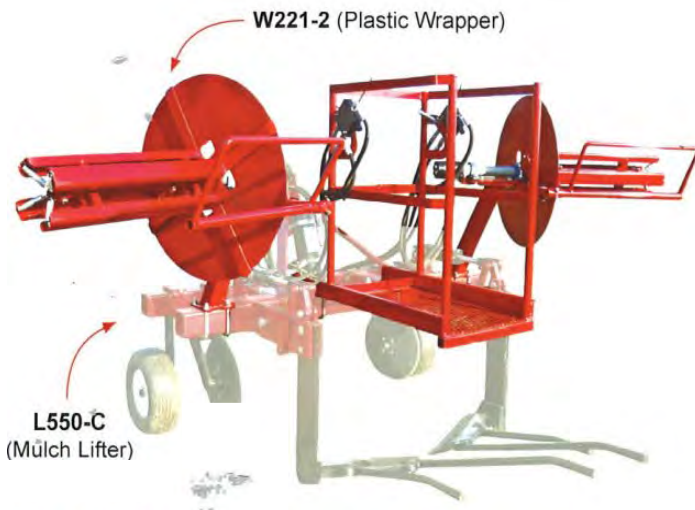
## JM Shirk Manufacturing



- Available in 1-6 shank
- Quick-hitch compatible, Cat #2 & Cat #3
- Standard tooth is Yeoman no-till point (other options are available)
- Heavy-duty 20" trash coulters feature swivel and spring cushion
- Great soil penetration due to the machine weight. 3 shank unit weighs 2,000 lbs
- Hydraulic reset provides reliable and smooth trip action
- Standard Shank Spacing is 30". Use next sized frame for wider spacing
- 25-50 HP per shank, depending on soil type and working depth
- **Regular Frame:** 4" x 4" x 1/4" tubing, 8.5 x 18 wheels, 1 parking stand
- **Heavy Frame:** Made from 4" x 6" x 3/8" tubing, 6 lug- 8.5 x 29 wheels, 2 parking stands

Call to design your custom machine. 6-8-week lead time.  
Order early to have in time for spring!

### Combination Lifter and Winder



**Plastic lifter and winder in one machine**, left and remove 1 row of plastic and drip tape in one pass. Needs two sets of hydraulic remotes, one for the lifter reset and one set of remotes for the winders. Winders have collapsible core for easy removal of tape and plastic.

### 3 in 1 Sweet Corn Planter



**Plants** 2 rows of sweet corn in furrows. 22" between row spacing. Between plant spacing 16"-30" and is easily adjustable. Uses John Deere 7000 series row units with precision planting finger meters, seed firmer and rubber closing wheels. The 2 furrow openers are 12" double discs that are adjustable in height with pin.

**Sprays** pre-emerge herbicide on top of the seed bed as well as between the rows for weed control. 25 gallon tank covers 1 to 1 1/2 acres, pto driven roller pump, regulator, valve and gauge, 3 fan nozzles under plastic, 2 rear nozzles for coverage between rows. (Can get a 55-gallon tank)

**Lays** 4'-5' plastic firmly over the top of bed ridges and buries both edges in the soil. The layer is fully floating and is easily removed for plantings later in the season. The ventilation holes get punched as the plastic is laid.





## Lagasse Orchard Equipment

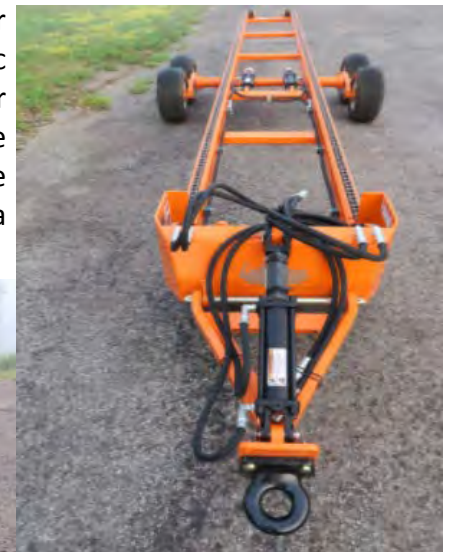
### Hedgers

Lagasse Orchard Hedger is designed to mount on an orchard tractor's front three-point hitch, rear hitch- bobcat frame or bucket mount. Either Cat 1 or Cat 2 mounting. The hedger has a single, vertical cutter bar mounted 3' 8" to the right of the tractor centerline. The cutter bar is 11' long and approximately 12" above the ground. The cutter bar is a sickle bar type with bolt on replaceable knives. Three hydraulic remotes required to operate. Single or double available. Call for options and quote.



### Bin Trailers

Lagasse Orchard Bin Trailers are ideal for easily transporting 1-5 bins or nests of bins to and from the orchard or field. Universal design for wooden or plastic bins. The bin trailer is a chain driven requiring three hydraulic remotes to operate. The trailer deck tilts so the forks at the end of the trailer slide under the bin, allowing the chain to grab the bin and move onto the trailer body. When off loading the trailer tilts and the chain runs in the opposite direction to off load the bins. Easy to use and makes moving bins a breeze. Call for options and a quote.



### Tow Behind Work Platform

This 2 level work platform gets towed through the orchard from the drawbar on the tractor. Built for trellis installation, tree training and pruning. Adjustable width platforms to fit row spacing from 10-15 feet. Automation can be added to operate the tractor from the platform. Call for options and a quote.



### Tree Planters

Lagasse Orchard tree planters are available in 1 row or 2 row. Call for details and pricing.





# Valente Trellis Systems

Brookdale Farm Supplies has partnered with Valente for distribution in the United States. Valente's concrete posts are prestressed, reinforced posts that are trapezoidal shaped, with four smooth sides and no edges. This design prevents wear on hail netting and coverings. Valente trellis can be used in apple orchards, cherry orchards, vineyards and more. The system can be designed three different ways; standard trellis support, tall trellis support for future netting, or tall trellis with hail or over coverings included. Contact us for a design and quote at 603-465-2250 or [tractortrv@aol.com](mailto:tractortrv@aol.com)



Trellis at Brookdale Fruit Farm, Hollis NH

Valente offers a complete trellis system that is engineered to support the crop and plants for years to come. By taking a systems approach to trellising every component is engineered to work within the system, including hail net, anti-rain coverings, shadow system, insect netting and more.

UNA PASSIONE TUTTA ITALIANA



- Approximately 2.5 acres per 20-foot container
- Container is shipped directly to your location
- 2–3-month lead time, from order to delivery
- A special tool is required for unloading
- Install either with a vibrator or post pounder with a dampening rubber cushion
- 1-8 wire systems available
- Line post spacing 25-30 feet depending on design



The posts are trapezoidal (bread-loaf) shaped which prevents wear on the coverings.

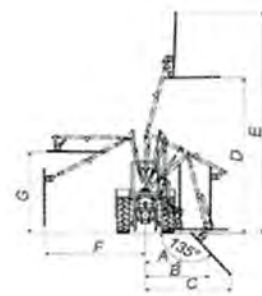




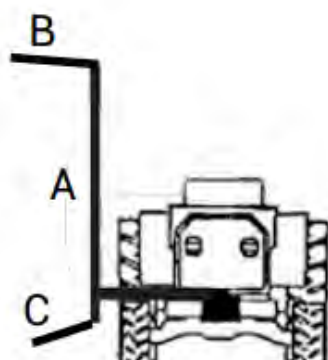
Rinieri is an Italian manufacturing company of custom orchard and vineyard equipment. Hedging, weed control, trimming and mowers are some of the specialty models they supply. Please call for more information.

## Hedge Trimmer BRM 150 and 200

- Cutting bar with SCH blades
- Joint with hydraulic tilting of the cutting bar, 225 degrees
- Tilting system for cutting on both sides of the tractor
- Reversible frame
- 3-point hitch
- Anti-shock system on the 3-point hitch
- Cuts branches up to 1.2 inches in diameter



	A	B	C	D	E	F	G
BRM 150	43.3"	59"	82.6"	149.6"	216.5"	94.4"	74.8"
BRM 200	43.3"	59"	94.5"	149.6"	236.2"	94.4"	74.8"



## Orchard Pruner CRF

- Hydraulic lift of 34.4 inches
- Hydraulic tilting column, 15%
- Hydraulic side shift 19.7 inches
- Vertical bar with SCH tooth
- 3 point hitch
- Cuts branches up to 1.6 inches in diameter
- Can customize each machine adding a top bar and or a bottom bar.



	A	B	C
CRF 200	78.7"	47.2"	25.6"
CRF 250	98.4"	47.2"	25.6"
CRF 280	110"	47.2"	25.6"
CRF 340	134"	47.2"	25.6"



## SLR-Sucker Remover on Bio-Dynamic Frame

- 3 point hitch cat. 1-2
  - Hydraulic side shift
  - Manual tilting
  - Adjustable gauge wheels
  - Manual head tilting
- Great for sucker control and weed control



## RSI 65- In and Out Mowing Wheel on Bio-Dynamic Frame

- 3 point hitch cat. 1-2
- Hydraulic side shift
- Manual tilting
- Spring load support for in and out
- Adjustable gauge wheels

## Harvest Containers

Easy to clean and sanitize—they can also fit on a pallet easily to keep them off the ground. All bottoms are vented and are large enough to allow dirt and plant debris to escape when power washing. They work well in the field, are easy to store and clean.



### Red and Yellow Totes

**Capacity:** 44 lb.

**Drainage:** Vented bottom and sides

**Storage:** (half turn) stack to nest

**Price:** Red: \$19.00

Yellow: \$15.75



### 1.25 Bushel Basket

**Capacity:** 1.25 bushel

**Drainage:** Vented bottom and sides

**Storage:** Nests

**Price:** \$16.50



### 1 Bushel Basket

**Storage:** Nests

**Price:** \$12.00



### Berry Tray

**Capacity:** 20 lbs, 12 pints

**Drainage:** Vented sides and solid bottom

**Storage:** half turn stack to nest

**Price:** \$11.50



### Green Harvest Tote

**Capacity:** 1.75 Bu. 80 lb

**Drainage:** Vented bottom and sides

**Storage:** (half turn) stack to nest

**Price:** \$21.75



### Gray Harvest Tote

**Capacity:** 60 lb.

**Drainage:** Vented bottom and sides

**Storage:** (half turn) stack to nest

**Price:** \$14.25



### Cut Flower Bucket

Solid base allowing for top-heavy blooms. 30 per case. Sold by the case. Call for skid pricing 40 cases.

**Price:** \$42.00/case



### 5 Gallon Bucket

White 5 gallon recycled bucket

**Price:** \$3.50



### Utility Totes

**Capacity:** 1.22 Bu. 45 lb.

**Drainage:** Bottom drain holes

**Storage:** (Quarter turn) stack to nest

**Price:** \$18.00



### Green Picking Basket

**Capacity:** 35-40 lbs, 5/8 bushel

**Drainage:** Vented bottom and sides

**Storage:** nesting

**Price:** \$10.00



### Red Picking Basket

**Capacity:** 25-35 lbs, 1/2 bushel

**Drainage:** Vented sides and solid bottom

**Storage:** nesting

**Price:** \$8.50



## Decade Harvest Bins

Decade Bins are constructed of high-density polyethylene (HDPE) that stand the test of time. These containers are durable yet lightweight. These bins meet USDA/HACCP standards for direct food contact and can be easily sanitized. The MAC X harvest bins are the most versatile for agriculture as they share the same footprint as a standard pallet. This design characteristic helps standardize product placement in coolers and delivery trucks, as bins are easily mix and matched with other palletized products. Due to freight, prices are subject to change. Call for trailer load discounts (150 per trailer load).



### MacX ACE 20 Bushel Bin

Dimensions: 48" x 40" x 31"

A one piece injected molded bin with integrated runners. They are available in vented or solid construction. Bin runners are available in short side (40") or long side (48") construction. Information card slots are molded on all four sides. Nesting and stacking latches are built into the design of bin to interlock bins when stacked or nested for storage. **Call for current pricing**



### MacX 20 Bushel Bin

Dimensions : 48" x 40" x 31"

A one piece injected molded bin. With clipped in replaceable bin runners. They are available in solid or vented construction. Bin runners are available in short side (40") or long side (48") construction. Information card slots are molded on all four sides. Nesting and stacking latches are built into the design to interlock bins and prevent movement. **Call for current pricing**

## Bin Labels and Colors



### Bin Colors

- ❖ Green
- ❖ Yellow
- ❖ Red
- ❖ Gray
- ❖ White
- ❖ Pink
- ❖ Tan
- ❖ Blue



### MacX Half Height Bin

Good for peaches, pears, winter squash, melon, carrots, storage vegetables and specialty fruits.

Dimensions: 48" x 40" x 18"

Short side (40") or long side (48") runners available.

### Call for Current Pricing

Lids are available for all bins. Lids include locking stacking features. Seals for liquid processing/fermentation and keeps stored product dust free.



MacX Solid Bin

Customize your bins with your name or company logo molded right into the bin. A onetime plate charge for logo construction. No charge for repeat orders.

Call for current availability. Bins are stocked in small quantities at Brookdale for pick up. 150 MacX bins in a trailer load. Order in advance of harvest season. Custom plate lead time 4-6 weeks. Second quality bins available

## Display and Harvest Containers



### Wooden Display Boxes

Bushel Box		1/2 Bushel Box	
19" x 14" x 11"		15.5" x 12" x 9"	
1 to 15	\$8.00	1 to 15	\$7.25
16 to 60	\$7.75	16 to 60	\$7.00
61 +	\$7.50	61+	\$6.75
Stackable Boxes	Display Rack 4 High	Display Rack 3 High	1/2 Height Bushel Box
16" x 13" x 10"	65" x 20" x 15"	50" x 20" x 15"	20" x 14" x 6"
\$8.00	\$45.00	\$40.00	\$7.00

### Wooden Baskets

Bushel Basket		12 QT Basket	
1 to 49	\$3.86	1 to 99	Call
50 to 99	\$3.76	100+	Call
100 to 499	\$3.66	Peck Basket	
500 +	Call	1 to 99	\$3.12
1/2 Bushel Basket		100+	\$3.01
1 to 49	\$3.50	1/2 Peck Basket	
50 to 99	\$3.40	1 to 99	\$3.00
100 to 499	\$3.31	100+	\$2.95
500+	call	1/2 Height Bu.	\$3.60

Due to their sensitive construction we will not ship these UPS. Other small display sizes available for gift baskets.



Brookdale is an authorized distributor of Greenfield Basket Factory. Proudly made in the USA since 1933. All prices above include in bound freight for pick up at Brookdale.

### Quarts and Pints

Container	Part Number	Qty	Case Price
Wood Quart	PWQ-500	500	\$115.00
Fiber Quart	PFQ-250	297	\$48.00
Wood Pints	PWP-500	500	\$115.00
Fiber Pints	PFP-420	420	\$45.25
Fiber 1/2 Pints	PF5-600	600	\$56.50





## Cardboard Boxes and Produce Bags

Heavy weight corrugated waxed cardboard.  
Holds its shape on stacked pallets and can be  
used multiple times. Call for current pricing.  
Stocked in generic print  
Available in small quantities, pick up only

Type	Unit
1/2 bushel wax box	15 per bundle
1 bushel wax box	15 per bundle
1 1/9 bushel wax box	15 per bundle
25 lb. tomato box body	loose
25 lb. tomato box lid	loose
Heirloom tomato tray	loose
1 3/4 cabbage box	15 per bundle
Lettuce Box	15 per bundle
8-quart strawberry tray	loose
12-pint blueberry tray	loose
PYO trays	loose
Bushel Apple Universal Inner	loose
Bushel Apple Universal Outer	loose
36 inch Kraft bin	loose
24 inch Kraft bin	loose
Mesh caps	1000 case
Clam shell plastic pints	516 case



Type	Unit
Corn Bags	100 per bundle
Apple 1/2 Peck Bags	10 per bundle
Apple Peck Bags	10 per bundle
Apple 1/2 Bushel Bags	10 per bundle



## Shrink Wrap for Pallet Wrapping

Great Stretch and Super Strength the 16" x 1500' wrap is ideal for produce pallets.  
Comes in cases of 4 rolls per box  
\$60.00 per case



Cardboard pricing changes throughout the season. Other types of packaging can be ordered with a weeks' notice. For Pallet quantities and volume discounts please call for pricing. Special order cardboard is not returnable nor refundable.

## ProtekNet Insect Netting

ProtekNet Insect netting, is the ultimate in exclusion netting. ProtekNet is highly effective, and has no thermal effect on crop its protecting. Summer heat and coverings are not an issue with this product. It is possible to sew the nets together to make larger sheets. ProtekNet is best used with a support structure such as wire hoops over the crop. Below are the sizes that we stock. If you are looking for a different size please call for more information.

Size	Weight	Part Number	Price
6.9' x 328'	25 gram	PROI2.11-25	\$295.00
6.9' x 820'	25 gram	PROI2.25-25	\$683.00
14' x 328'	25 gram	PROI4.11-25	\$560.00
14' X 820'	25 gram	PROI4.25-25	\$1,371.00
20.6' x 328'	25 gram	PROI6.11-25	\$1,190.00
20.6' x 820'	25 gram	PROI6.25-25	\$2,908.00
6.9' x 328'	70 gram	PROI2.11-70	\$421.00
14' x 328'	70 gram	PROI4.11-70	\$819.00
20.6' x 328'	70 gram	PROI6.11-70	\$1,380.00
6.9' x 328'	47 gram	PROI2.1-47	Call
14' x 328'	47 gram	PROI4.11-47	Call
20.6' x 328'	47 gram	PROI6.11-47	Call

Other sizes and weights available. Call for details.

### Field Net Care

Best held down with sand bags in the field. Roll up on clean surface free of debris.

### High tunnel

For high tunnel can be held in wiggle wire track for fastening. Leave a bit loose for wind and expansion.

### Netting Structures

Call for design and pricing.



Insect	25 gram	47 gram	70 gram
Aphids	✓	✓	
Armyworm	✓	✓	✓
Brown Marmorated Stink Bug	✓	✓	✓
Cabbage Root Fly	✓	✓	✓
Carrot Rust Fly	✓	✓	
Chrysomelid	✓	✓	✓
Corn Borer	✓	✓	✓
Eriophyid Mite	✓	✓	
Flea Beetles	✓	✓	
Japanese Beetle	✓	✓	✓
Ladybugs	✓	✓	✓
Leafhopper	✓	✓	✓
Leek Moth	✓	✓	✓
Nymph	✓	✓	
Onion Maggot	✓	✓	✓
Sawfly	✓	✓	✓
Seedcorn	✓	✓	✓
Spotted Wing Drosophila	✓	✓	✓
Squash Bug	✓	✓	✓
Swede Midge	✓	✓	
Tarnish Plant Bug	✓	✓	✓
Thrips	✓		
Two spotted Spider Mite	✓	✓	
White Fly	✓	✓	
Wasps	✓	✓	✓



## Wildlife Control

ProtekNet bird netting is made of high density polyethylene which makes it the most effective bird control netting on the market.

It is easy to install and holds its shape once in place, U.V. treated for an increased lifespan. ¼" Diamond mesh pattern

Size	Color	Part Number	Price
16.4' x 98'	Green	PROB5x30	\$ 110.00
33' x 98'	Green	PROB10x30	\$ 215.00
33' x 328'	White	PROB10x100	\$ 536.00
49' x 328'	White	PROB15x100	\$ 805.00



### Net Accessories

Part Number	Description	Qty.	Price
FCLIPVCC200	Attach several nets together	1000/bag	\$35.00
FCLIPVCC300	Upper part of S fixes to wire bottom attaches 2 nets together	1000/bag	\$75.00
FCLIP1039	Double tie for sidewall net	500/bag	\$35.00
FCLIP1026	Firmly join 2 nets together	1000/bag	\$40.00
FCLIPDBLEHOOK	Link several nets together or attach to steel or polyamide wire	each	\$0.20
FCLPEASYKLIP	Clips plastic sheet, row cover, insect netting and bird netting	each	\$1.75
FSUP1011	Holds 1.2-4.0 mm wire. Fasten to wood or concrete	each	\$0.10

The Air Crow inflatable scare crows are designed to be used as a wildlife and bird repellent device. Two of these machines can be operated for 12 hours on a suitcase generator out in the field for day long protection from wildlife. The little crow includes the snake tube and the Black Bird includes the tube man. Compact and portable with low power draw they make a great addition to deterrent programs on the farm.



Model	Size	Amp Draw	Price
Little Crow	6' snake	2.2 amps	\$150.00
Black Bird	8' scarecrow	5.5 amps	\$190.00
Raven	15' snake	5.5 amps	\$200.00

Replacement Socks

Model	Price
8' Scarecrow	\$38.00
15' Snake	\$44.00



### Zon Automatic Scarecrow LP Gas Cannon

**The Mark 4 Scare Gun** is a mechanical cannon precise valve for regulation of gas, 5 to 30 minute intervals. Comes with standard regulator to install on propane cannon. **\$250.00**

**Zon Timer** automatically starts and stops operation of the cannon at a specific time each day. One AA battery will last the season. Install between the propane tank and the regulator hose. **\$100.00**

**Rotating Tripod- 4' High:** Allows scare gun to rotate 60-70 degrees each time it fires. Allows the gun to cover a larger area. **\$125.00**



## TunnelFlex

A versatile, retractable low tunnel growing system. Ideal for day-neutral strawberries, tomatoes, and peppers. Allows for season extension by protecting plants from the elements, reducing disease pressure, and can also include insect exclusion with ProtekNet netting. A cheaper alternative to high tunnels that can be used in varying terrain and field conditions. Call for large area pricing.

Protecting Your Investment  
Has Never Been So Simple.

Prices are subject to  
change due to tariffs



### 3 Hoop Sizes

28" wide x 39.5" tall --ideal for strawberries and melons

32" wide x 63" tall --ideal for tomatoes and bell peppers

46" wide x 39.5" tall --ideal for 4 row wide strawberries

### How to build a Tunnelflex System

Follow the check list to make sure all the necessary parts are ordered.

- ✓ Plastic—type is determined by hoop size
- ✓ Hoops with eyelets, placed every 5 feet
- ✓ End hoops, coated with plastic 2 per row
- ✓ End anchor stakes 2 per row
- ✓ Steel stakes to anchor hoops 1 per hoop
- ✓ Bungee Elastics 1 per hoop

Item	Width	Length	Part Number	Price
1.5 Mil Clear Film Roll 7.7' x 1640'	7.7'	1640'	TFPC-7.7x1640	\$285.00
28" Galvanized Steel Hoops	28"	39.5"	TFH-28	\$6.00
46" Galvanized Steel Hoops	46"	39.5"	TFH-46	\$15.00
32" Galvanized Steel Hoops	32"	63"	TFH-32	\$19.50
End Hoops, plastic coated	28"	31"	TFH-end	\$8.50
End Anchor Pipe	1 1/4 dia.	24"	TFAP	\$6.00
Short Bungee Elastics		8'	TFE-S	\$1.75
Medium Bungee Elastics		9'	TFE-M	\$1.95
Large Bungee Elastics		12'	TFE-L	\$2.65
Hoop Stakes		18"	TFS-18	\$2.25



BROOKDALE FARM SUPPLIES ORDER FORM

ADDRESS: 38 BROAD STREET PO BOX 389

HOLLIS, NH 03049

P: 603-465-2240 F:603-465-3754

E:TRACTORTRV@AOL.COM

Farm Name \_\_\_\_\_

Phone/Email \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Pick Up ☐ Ship/Deliver ☐ ASAP ☐ Delivery Date \_\_\_\_\_

Part Number	Description	Quantity	Unit Price	Total

Payment Method \_\_\_\_\_ Grand Total \_\_\_\_\_

Check Enclosed☐ Credit Card ☐  
Number \_\_\_\_\_ Exp Date: \_\_\_\_\_ CVC: \_\_\_\_\_

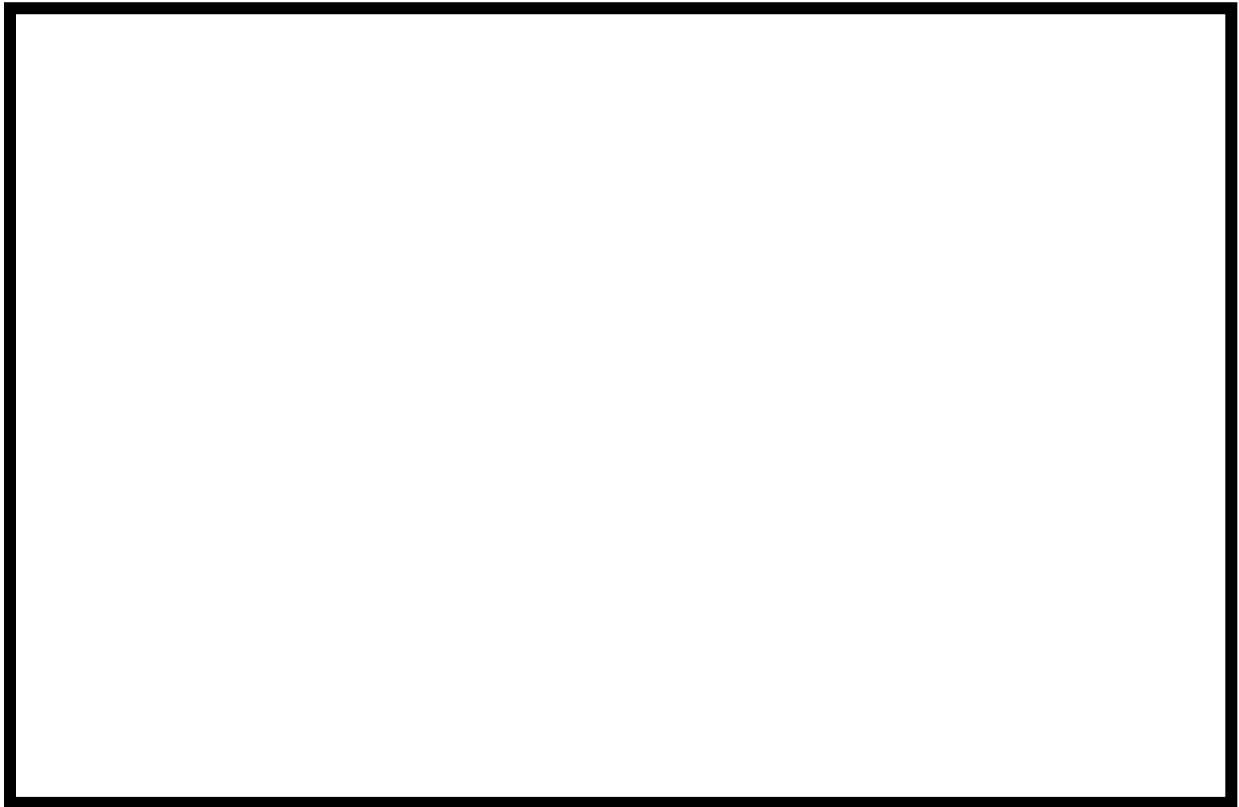
Brookdale Fruit Farm Inc  
PO Box 389  
Hollis, NH 03049

## Brookdale Fruit Farm - Irrigation System Questionnaire

### Need Help Designing an Irrigation System...We Can Help!

To get things started please complete the information below:

1. What is your water source (pond, well, municipal river): \_\_\_\_\_
2. How far is the water source from the field: \_\_\_\_\_
3. How much water is available in gallons: \_\_\_\_\_
4. What crops are you growing: \_\_\_\_\_
5. What are the field dimensions: \_\_\_\_\_
6. How many rows do you have: \_\_\_\_\_
7. What is the row spacing: \_\_\_\_\_
8. How long are the rows: \_\_\_\_\_
9. What is the plant spacing: \_\_\_\_\_
10. How many zones would you like to have on your system (more zones = more flexibility): \_\_\_\_\_
11. Would you like a fertilizer injector in the system: \_\_\_\_\_



Map Area – Please complete a drawing with rough distances of your field layout:

Please complete contact information below and Fax or Email this page to:

603-465-3754 or [tractortrv@aol.com](mailto:tractortrv@aol.com). **Form is also available online at**

**[www.brookdalefruitfarm.com/irrigation](http://www.brookdalefruitfarm.com/irrigation)**

Name: \_\_\_\_\_ Farm Name: \_\_\_\_\_

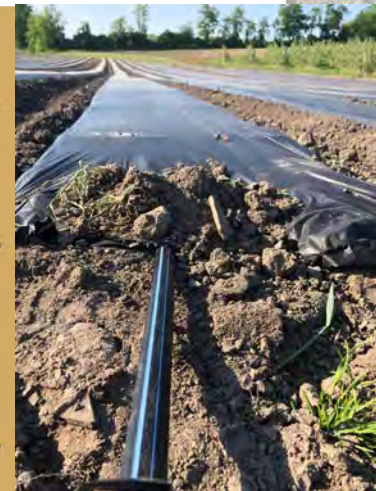
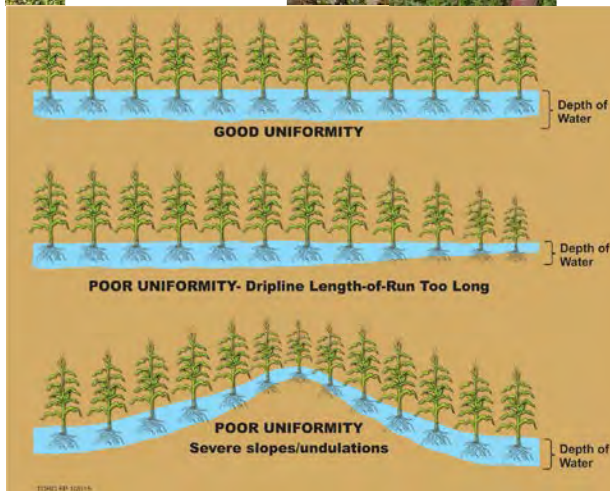
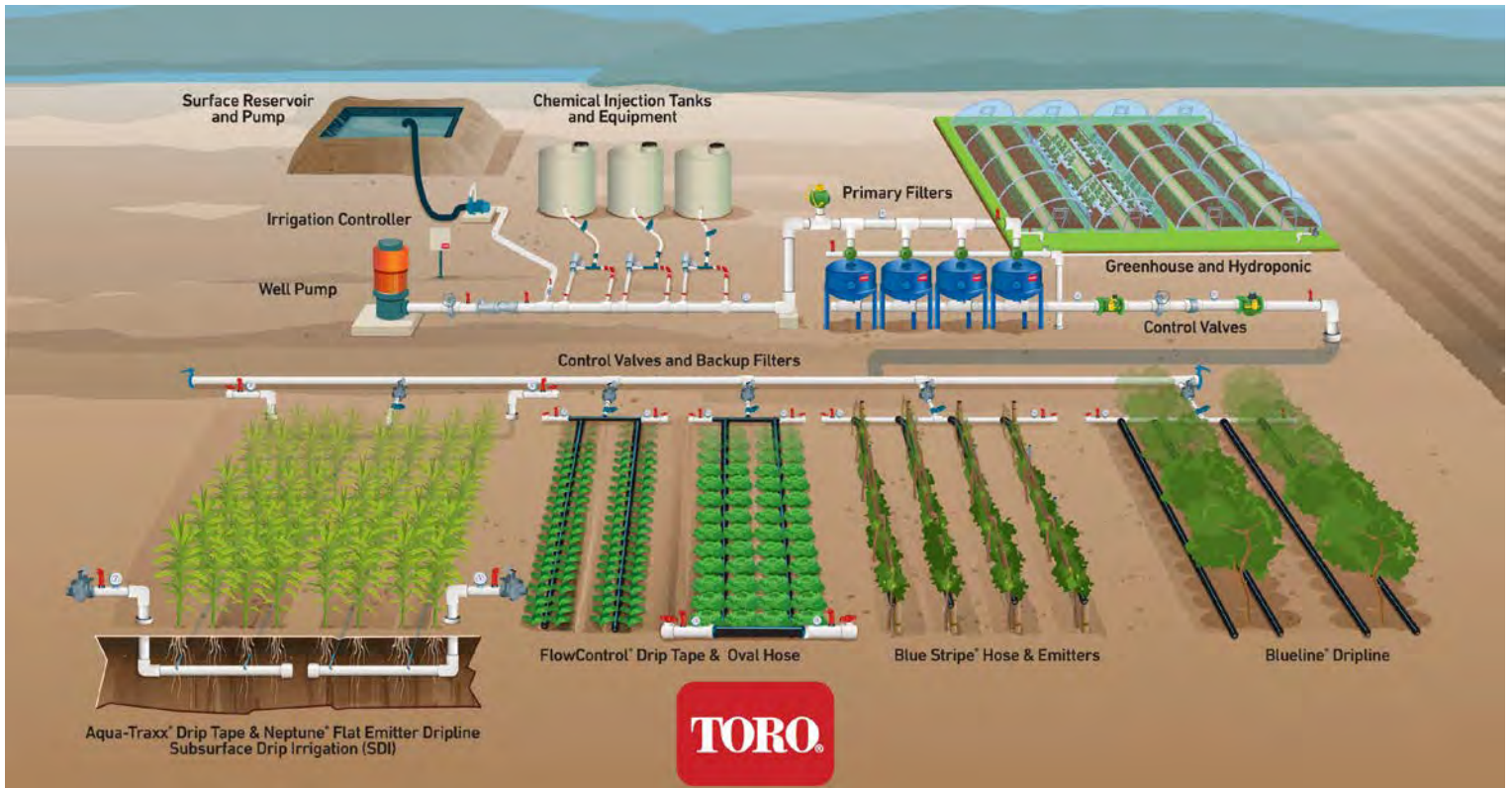
Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_



# Typical Drip Layout





# Brookdale Farm Supplies 2022 Catalog

Brookdale Fruit Farm Inc.  
38 Broad Street  
PO Box 389  
Hollis, NH 03049  
603-465-2240

PRSRT STD  
U.S. POSTAGE  
**PAID**  
MANCHESTER, NH  
PERMIT NO. 782



## Directions to Brookdale Farm Supplies.

### Centrally located in New England

For pick up please go to Wholesale Facility

**From North:** Route 3 (NH) south to exit 6 in Nashua, New Hampshire; Go West on Rte 130/Broad St, 6 mi.

**From East:** Route 101 West (from Portsmouth NH area), Rte 93 South, Rte 293 West, to Rte 3 (NH) South to exit 6 in Nashua; Go West on Rte 130/Broad St, 6 mi.

**From South:** Routes 95 (128) or 495 to Route 3 (mass); Route 3 (NH) north to exit 6 in Nashua; Go West on Rte 130/Broad St, 6 mi.

**From West:** Route 101 from Keene and Peterborough, NH east to Milford NH; take 101A (Milford/Nashua Exit), bear right, take Route 122 South from Milford to Route 130 in Hollis; East on Rte 130 for ½ mi.

