

# Brookdale Farm Supplies

## 2024 Catalog

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



## Brookdale Fruit Farm Inc.

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[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. We carry the items in this catalog and have in stock or access to, many other items not listed. If you are looking for a specific item, please call for availability. Quantity discounts are available as well as design services. Due to tariffs and freight, products 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. Reassignment fees will be charged.

**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 canceled and returned to stock. Special ordered items plus shipping costs must be paid for prior to processing an order. **No returns offered on special order product or direct shipped items.**

**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.



Ag



The Most Trusted Name in Water-Reels®



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



Zoe Stapp

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# 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. This reduces the filtration requirement to **120 mesh**.

Call for 32+ roll pricing

Mini rolls of drip tape now available.

8 mil, 12" spacing, 0.34 gpm/100'. 2000' feet per roll. \$75.00

Thickness	Spacing	Diameter	Roll Length	Flow Rate gpm/100'	Part Number	Max Run Length*	1-9 Rolls	10+
8 mil	4"	5/8"	7500'	0.67	EA5080467-750	412'	\$165.00	\$160.00
8 mil	6"	5/8"	7500'	0.5	EA5080650-750	487'	\$165.00	\$160.00
8 mil	6"	5/8"	7500'	0.67	EA5080667-750	412'	\$165.00	\$160.00
8 mil	8"	5/8"	7500'	0.34	EA5080834-750	645'	\$165.00	\$160.00
8 mil	8"	5/8"	7500'	0.5	EA5080850-750	608'	\$165.00	\$160.00
8 mil	8"	5/8"	7500'	0.67	EA5080867-750	412'	\$165.00	\$160.00
8 mil	12"	5/8"	7500'	0.22	EA5081222-750	835'	\$165.00	\$160.00
8 mil	12"	5/8"	7500'	0.45	EA5081245-750	524'	\$165.00	\$160.00
10 mil	12"	5/8"	7500'	0.22	EA5101222-600	835'	\$167.00	\$162.00
15 mil	8"	5/8"	4000'	0.5	EA5150850-400	608'	\$170.00	\$167.00
15 mil	12"	5/8"	4000'	0.22	EA5151222-400	835'	\$170.00	\$167.00
15 mil	12"	5/8"	4000'	0.45	EA5151245-400	524'	\$170.00	\$167.00
8 mil	8"	7/8"	6000'	0.34	7080834-600	1134'	\$180.00	\$176.00
8 mil	8"	7/8"	6000'	0.5	7080850-600	862'	\$180.00	\$176.00
8 mil	12"	7/8"	6000'	0.22	7081222-600	1468'	\$180.00	\$176.00
8 mil	12"	7/8"	6000'	0.34	7081234-600	1134'	\$180.00	\$176.00
8 mil	12"	7/8"	6000'	0.45	7081245-600	922'	\$180.00	\$176.00

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

## 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 (white)	t055b (t055w)	\$65.00
1/2"	1000'	Black	t051b	\$136.00
3/4"	100'	Black	t071b	\$20.00
3/4"	500'	Black (white)	t075b (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	\$150.00
3"	200'	Black	tf325	\$170.00



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# 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**

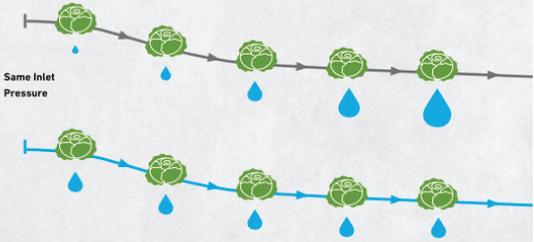
- ▶ Retain flexibility to increase or decrease application rate for greater control over watering and scheduling decisions
- ▶ Available in a wider range of thicknesses to meet the needs of all farming applications, including more affordable 5/8-inch 6mil and 7/8-inch 8mil
- ▶ One price for any emitter 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'	\$198.00	\$192.00
8 mil	8"	7500'	0.5	E AFC5080850-750	591'	\$198.00	\$192.00
8 mil	12"	7500'	0.22	E AFC5081222-750	1008'	\$198.00	\$192.00
8 mil	12"	7500'	0.34	E AFC5081234-750	762'	\$198.00	\$192.00
8 mil	12"	7500'	0.45	E AFC5081245-750	633'	\$198.00	\$192.00
10 mil	12"	6000'	0.22	E AFC5101222-600	1008'	\$201.00	\$195.00
15 mil	6"	4000'	0.67	E AFC5150667-400	493'	\$208.00	\$205.00
15 mil	8"	4000'	0.5	E AFC5150850-400	591'	\$208.00	\$205.00
15 mil	12"	4000'	0.22	E AFC5151222-400	1008'	\$208.00	\$205.00

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

**DripNet PC** from Netafim is a thinwall, pressure compensating drip line. DripNet PC drippers deliver precise and equal water applications anywhere with high uniformity. Call for options and pricing.



**Chapin Deluxe** 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'	\$ 165.00	\$160.00
8 mil	12"	7500'	0.25	DLX58081225-075	828'	\$165.00	\$160.00
8 mil	12"	7500'	0.5	DLX58081250-075	528'	\$165.00	\$ 160.00
15 mil	12"	4000'	0.2	DLX58151225-400	958'	\$ 170.00	\$ 167.00

**T-Tape** 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.



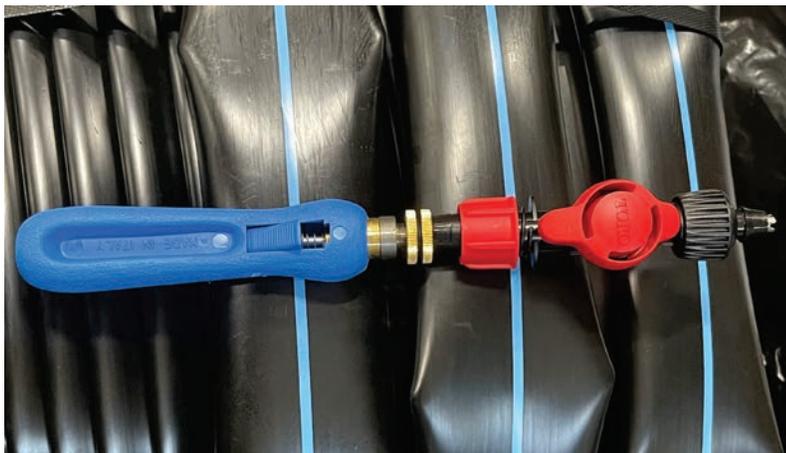
Thickness	Spacing	Roll Length	Flow Rate	Part Number	Max run length*	1-9 Rolls	10+
8 mil	6"	7500'	0.45	TT508-06-450	490'	\$165.00	\$160.00
8 mil	8"	7500'	0.5	TT508-08-500	450'	\$165.00	\$160.00
8 mil	12"	7500'	0.22	TT508-12-220	770'	\$165.00	\$160.00
8 mil	12"	7500'	0.45	TT508-12-450	490'	\$165.00	\$160.00

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 Fittings for Tape

Starters with Valves	Starters	Couplers
FTV5-420BR 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	Goof Plug	Drip tape x lay flat
FTA5-end 5/8" \$0.55 	GP420 Each..... \$0.40 Bag of 50 \$20.00 	FTA5-LF 5/8" \$1.50 FTA7-LF 7/8" \$2.00 
Inline Valve	Jain's Starter with Valve	Drip tape x lay flat with valve
FTV500 5/8" \$2.00 FTV700 7/8" \$2.25 	FTV5-420R 5/8" \$2.00 	FTV5-LF 5/8" \$1.75 FTV7-LF 7/8" \$1.75 
Elbow Coupler	Tee Coupler	Starters, 250 series barb
FTE500 5/8" \$1.50 FTE700 7/8" \$2.00 	FTT500 5/8" \$1.50 FTT700 7/8" \$2.00 	FTA5-250B 5/8" \$0.40 
Drip tape x male pipe thread	Drip tape x F Garden Hose	Self-Flushing end cap
FPTE500 5/8" \$1.25 	FTA5-75FHS 5/8" \$1.50 	TSFE500 5/8" \$1.50 
Drip Tape Y	Drip Tape Shut off x 3/4" MPT	Blue Starter with Valve
FTY500 5/8" \$2.00 	FTVT500 5/8" \$1.50 	Limited Quantity Available FTV5-420BN \$1.50 
Insert Tool	Lay Flat Insert Tool	Lay Flat Punch Tool
INS400AL \$40.00 Use with starters w/ valves & starters 	FTA5-LF \$10.00 	LFCUT16 16mm \$85.00 LFCUT19 19mm \$85.00 



The starter with valve or starter goes on to the insert tool, colored nut to the blue handle. You then use the insert tool to poke a hole and push the fitting into the header hose.

# Cast Embossed Plastic



## 1.5 Mil Black Embossed

Great for multi-year crops / Strawberries

Size	Part Number	Weight	Price
4' x 2000'	BEM48215	58 lbs.	\$102.00
5' x 2000'	BEM60215	72 lbs.	\$127.00

Cast 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. It is 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, \$3.00 per roll less

## 1 Mil Black Embossed

Most common Grower preferred plastic

Size	Part Number	Weight	Price
3' x 4000'	BEM3641	60 lbs.	\$112.00
4' x 2000'	BEM4821	39 lbs.	\$68.00
4' x 4000'	BEM4841	77 lbs.	\$135.00
5' x 2000'	BEM6021	48 lbs.	\$84.50
5' x 4000'	BEM6041	100 lbs.	\$169.00
6' x 2000'	BEM7221	71 lbs.	\$143.50



## 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.	\$84.50
4' x 4000'	BEM484125	96 lbs.	\$169.00
5' x 2000'	BEM602125	60 lbs.	\$105.50
5' x 4000'	BEM604125	120 lbs.	\$211.00



## 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.	\$175.00
5' x 4000' x 1 mil	WB6041	96 lbs.	\$220.00
4' x 4000' x 1.25 mil	WB484125	96 lbs.	\$220.00

# Blown Embossed Plastic



Blown Embossed plastic, an alternative to cast embossed plastic. Has a smooth finish on the outside with micro embossing technology imbedded in the film. This blown poly film is a widely used alternative to cast embossed plastic. Innovations in the industry has increased tension strength and durability of this blown plastic to conform around raised beds without tearing. Plastic comes 16 rolls to a pallet. Prices below are per roll. Full pallet discounts, \$2.00 per roll less



## 1 Mil Black

Most common Grower preferred plastic

Size	Part Number	Weight	Price
3' x 4000'	PEM3641	60 lbs.	\$92.00
4' x 2000'	PEM4821	39 lbs.	\$58.00
4' x 4000'	PEM4841	77 lbs.	\$114.00
5' x 2000'	PEM6021	48 lbs.	\$74.50
5' x 4000'	PEM6041	96 lbs.	\$143.00

## 1.25 Mil Black

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

Size	Part Number	Weight	Price
4' x 2000'	PEM482125	48 lbs.	\$74.50
4' x 4000'	PEM484125	96 lbs.	\$143.00
5' x 2000'	PEM602125	60 lbs.	\$92.50
5' x 4000'	PEM604125	120 lbs.	\$182.00

## 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.	\$130.00
6 x 4000'	C7248	93 lbs.	\$160.00

### 1 Mil Clear

Size	Part Number	Weight	Price
4' x 4000'	C4841	77 lbs.	\$130.00
5' x 4000'	C6041	96 lbs.	\$180.00
6' x 4000'	C7241	116 lbs	\$190.00

### 1.25 Mil Clear

Size	Part Number	Weight	Price
5' x 4000'	C604125	120 lbs	\$200.00

**FILM** *tech*

## 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.	\$270.00

# Biodegradable & Compostable Mulch Film

The Biodegradable and Compostable Mulch Film from Poly Expert 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. Poly Expert manufactured Bio360 and has just released their product under their own brand name—Bio Guard. Same formulation, same product, just a different name. Bio Guard 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 melons 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.**

Brookdale will continue to stock sizes of both brands



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	\$145.00
4' x 2400'	0.6	BIO48246B	38 lbs.	\$115.00
4' x 4000'	0.6	BIO4846B	67 lbs.	\$228.00
4' x 4000'	0.7	BIO4847B	73 lbs	\$266.00
4' x 4000'	0.8	BIO4848B	84 lbs.	\$304.00
54" x 4000'	0.6	BIO5346B	78 lbs.	\$257.00
5' x 4000'	0.6	BIO6046B	79 lbs.	\$285.00
5' x 4000'	0.8	BIO6048B	105 lbs	\$380.00
6' x 4000'	0.6	BIO7246B	101 lbs	\$345.00

## White on Black

Size	Mil	Part Number	Weight	Price
4' x 4000'	0.6	BIO4846WB	70 lbs.	\$370.00
4' x 4000'	0.7	BIO4847WB	73 lbs	\$432.00
4 x 4000'	0.8	BIO4848WB	84 lbs.	\$493.00
5' x 4000	0.6	BIO6046WB	115 lbs.	\$463.00
5' x 4000'	0.8	BIO6048WB	125lbs.	\$615.00

## Clear

Size	Mil	Part Number	Weight	Price
4' x 4000'	0.5	BIO4845C	63 lbs	\$216.00
4' x 4000'	0.6	BIO4846C	78 lbs.	\$260.00
53" x 4000'	0.5	BIO5345C	70 lbs	\$239.00
53" x 4000'	0.6	BIO5346C	86 lbs	\$287.00
5' x 4000	0.5	BIO6045C	75 lbs	\$270.00
5' x 4000	0.6	BIO6046C	82 lbs.	\$325.00



## 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

## Solar Shrink



Item	Part Number	Price
Solar Shrink 48" x 4000'	SSH4840	\$152.00
Solar Shrink Select 48" x 4000'	SSE4840	\$185.00
Solar Shrink 60" x 4000'	SSH6040	\$190.00
Solar Shrink Select 60" x 4000'	SSE6040	\$231.00

Solar Shrink plastic is a stronger plastic that shrinks tightly to the bed once it is laid and in the sun. This film is manufactured on custom machinery that physically modifies the molecular structure of the sheet, vastly increases its breaking strength and puncture resistance. It is thinner than the typical 1 mil plastic, but is stronger than the typical 1.25 mil plastic. It is easier to pick up due to the added strength. Since it shrinks tightly to the bed the plants do not experience injury from the plastic rubbing. Ideal for high traffic plastics and multiple picking events.

## Clear Perforated Multi-Row

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

## Greenhouse Plastic

We sell both Tufflite IV and Klerks K50, this allows us to offer the best pricing and availability. Both brands are high-quality greenhouse film offering high clarity to allow the most light in as possible. Both brands are dust resistant and feature a tri-layer extrusion. The standard film is a 6 mil, 4-year plastic, top layer in a double layer or the only layer in a single layer house. The Infrared plastic is also available in a 6 mil, 4-year plastic for the bottom layer of a double layer house. The IR plastic features single sided Drip-Less, anti-condensation along with the additive that retains IR waves which helps with heat retention. Call for pricing and to order your plastic.

## Greenhouse Poly Patch Tape

Item	Part Number	Price
2" x 48" Poly Patch Tape	PPT02	\$10.00
4" x 48" Poly Patch Tape	PPT04	\$17.00
6" x 48' Poly Patch Tape	PPT06	\$24.50

## 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.

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

85% light transmission

Size	Part Number	Price
5 x 1000	RC05100019	\$94.00
6 x 1000	RC06100019	\$120.00
7 x 1000	RC07100019	\$135.00
10 x 500	RC10050019	\$108.00
11 x 1000	RC11100019	\$215.00
15 x 500	RC15050019	\$144.00
15 x 1000	RC16100019	\$284.00
22 x 500	RC22050019	\$215.00
22 x 1000	RC22100019	\$435.00
26 x 500	RC26050019	\$250.00
26 x 1000	RC26100019	\$495.00
28 x 820	RC28082019	\$440.00
36 x 500	RC36050019	\$365.00
36 x 1000	RC36100019	\$727.00
50 x 500	RC50050019	\$480.00
50 x 1000	RC50100019	\$945.00
52 x 500	RC52050019	\$510.00
52 x 1000	RC52100019	\$995.00

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

79% light transmission

Size	Part Number	Price
7 x 1000	RC07100022	\$164.00
36 x 820	RC36082022	\$692.00

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

75% light transmission

Size	Part Number	Price
7 x 1000	RC07100030	\$220.00
14 x 500	RC14050030	\$226.00
26 x 500	RC26050030	\$507.00
40 x 500	RC40050030	\$590.00
50 x 500	RC50050030	\$750.00
50 x 820	RC50082030	\$1200.00

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

70% light transmission

Size	Part Number	Price
7 x 1000	RC07100040	\$284.00
26 x 500	RC26050040	\$500.00
50 x 500	RC50050040	\$980.00



## 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	\$280.00
5' x 820'	WM-5820	\$200.00



### 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 \$130.00 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	\$42.00
8" x 1"	500	GS8	\$48.00



### Woven Ground Cover

Used for covering greenhouse floors/ pathways. Field Mum Fabric, or between rows of plastic. 3.2 oz/sq vard. 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	\$78.00
6' x 300' white/black	WG-403wb	\$150.00
12' x 300' white/black	WG-603wb	\$296.50
15' x 300' white/black	WG-123wb	\$370.00

### 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 50'	ST-245	\$98.00
24' x 100'	ST-241	\$186.00
32' x 50'	ST-3325	\$125.00
32' x 100	ST-321	\$237.00

### Slitted Row Cover

6' x 1000' x 0.8 mil clear plastic

Item	Part Number	Price
Slitted	RC-S610	\$122.00
Punched	RC-P610	\$122.00



## 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	\$1.05
54" Pointed	TS-54P	\$1.25
60" Pointed	TS-60P	\$1.32
72" Pointed	TS-72P	\$2.45



### Fiberglass Stakes

Coarse on the outside to hold tomato twine. Available in 2 thickness and 2 lengths. Sold in bundles of 25. Pricing is per stake.

Item	Part Number	Price
5/16" x 6'	TSF-56	\$1.65
1/2" x 6'	TSF-16	\$3.50
3/8" x 10'	TSF-31	\$3.90

### Bailing Twine, sold in a 2 pack

Length	Color	Knot Strength	Price
7200'	Blue	190	\$64.00
9600'	Blue	170	\$76.00



### 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	\$51.00
59" x 328'	TN59	\$58.00
78" x 328'	TN78	\$68.00



### Greenhouse Tomato Trellising Hooks

For trellising tomatoes and cucumbers in a greenhouse. Hang on a high wire or use S-hooks.

**Twine Hooks:** Wire hook releases approx. 7" of twine each time it is turned over.

Bare Hooks, use HD Twine, **GHTH \$0.16 per \$118/case of 984**

**Twine Hooks w/40' twine GHTHT \$0.32 per \$118/case of 420**

**HD Winmore Tying Twine**, heavy -duty blue/white twine, 6500' per roll **TS-TD \$25.00**

**Roller Hook:** easily lower crops in a smooth and efficient way. Heavy-gauge wire frame supports a spool of twine with 100' feet of UV-resistant white twine. Easily clips over wire. Concurrently releases twine while sliding down the wire to lower and lean your trellised crop.

**Roller Hook Frame GHRHF \$0.25 per \$121/case of 550**

**Roller Hook Spool with 80' twine GHRHS \$0.45 per \$220/case of 550**

### Tomato Twine- TS-TW

2100 ft, 3 lb Roll or 18 box case

Item	Price
1-9 boxes	\$8.00
10 + boxes	\$7.50

### 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, and pepper growers.

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

### Biodegradable Vine Clips

8,000 per case...BVCBIO...280.00



# 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



**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	\$160.00
2"	80 PSI	LFB20	\$175.00
3"	70PSI	LFB30	\$330.00



**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	\$115.00
3"	200 PSI	SJM30	\$168.00
4"	200 PSI	SJM40	\$245.00

**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	\$300.00
2"	150 PSI	LFR20	\$360.00
3"	150 PSI	LFR30	\$625.00
4"	125 PSI	LFR40	\$890.00



**Suction Hose, Solargaurd**

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

Size	Part Number	Price per Foot
2"	STY-20	\$4.00
3"	STY-30	\$6.00
4"	STY-40	\$9.75
6"	STC-60	\$19.50



**Polypipe**

For use as mainlines and sub mains. Can be plowed or 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
3/4"	100'	PP0710	\$44.00
3/4"	300'	PP0730	\$132.00
1"	100'	PP1010	\$62.00
1"	300'	PP1030	\$186.00
1 1/2"	100'	PP1510	\$94.00
1 1/2"	250'	PP1525	\$235.00
2"	100'	PP2010	\$127.00
2"	250'	PP2025	\$317.50
2"	300'	PP2030	\$381.00
2"	500'	PP2050	\$635.00

**Suction Hose, EPDM**

EPDM blend, reinforced with two-ply or four-ply and double wire helix.

Size	Part Number	Price per Foot
2"	SEP-20	\$4.50
3"	SEP-30	\$6.50
4"	SEP-40	\$10.15
6"	SEP-60	\$19.50



**Underground Pipe**

- SDR21 Bell & Gasket
- SCH40 PVC Pipe
- Electrofusion Pipe

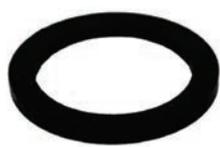


The above pipe options are used for buried underground mainlines. Available in 3-inch, 4-inch, 6-inch and 8-inch. Please call for current pricing and freight quote. This pipe meets NRCS standards for irrigation mainlines.

## INSERT FITTINGS / CAMLOCKS

Male Adaptors	Female Adaptors	Elbows
¾" .....PVCA-07....\$1.00 1" .....PVCA-01....\$1.50 1 ½" ...PVCA-15....\$1.50 2" .....PVCA-20.....\$2.00 3" .....PVCA-30.....\$8.50 	¾" .....PCVFA-07....\$2.10 1" .....PVCFA-01.....\$2.50 1 ½" ...PVCFA-15.....\$3.75 2" .....PVCFA-20.....\$6.25 	¾" .....PVCE-07...\$1.10 1" .....PVCE-01...\$1.20 1 ½" ...PVCE-15...\$1.60 2" .....PVCE-20...\$2.50 3" .....PVCE-30...\$31.00 
Tees	Couplers	End Plugs
¾" .....PVCT-07...\$1.10 1" .....PVCT-10....\$1.50 1 ½" ...PVCT-15...\$2.50 2" .....PVCT-20....\$4.75 3" .....PVCT-30...\$43.00 	¾" .....PVCC-07....\$0.75 1" .....PVCC-01.....\$1.00 1 ½" ...PVCC-15....\$1.25 2" .....PVCC-20....\$2.00 3" .....PVCC-30....\$8.25 4" .....PVCC-40....\$28.00 	¾" .....PVCP-07...\$0.90 1" .....PVCP-10....\$1.15 1 ½" ...PVCP-15...\$1.60 2" .....PVCP-20....\$2.75 
Reducing Couplings	Combo Tees- BxBxFPT	Glue Male Adaptors
2" x 1" ...PVCRC-2010.....\$2.25 2 x 1 ½".PVCRC-2015.....\$2.25	¾" .....PVCFT-07.....\$2.75 1" .....PVCFT-10.....\$2.50 1 ½" .....PVCRT-15.....\$5.00 1 ½" x ¾z .PVCRT-151507....\$4.25 2" .....PVCFT-20.....\$14.50 2" x ¾" ... PVCRT-202007.....\$5.15	2" ...GMA2.....\$4.50 3" ...GMA3.....\$9.50 4" ...GMA.....\$12.00 3" x 2" reducer...\$23.00 
Combo Elbows		
1 ½" .....PVCCE-15.....\$6.00 2" .....PVCCE-20.....\$7.00		

1 ¼" insert fittings are also available. They are the same price as the 1 ½" insert fittings.

Camlock A	Camlock B	Camlock C
Male x male pipe thread ¾"A.....\$3.50 1"A.....\$4.50 1 ½"A...\$4.75 2"A.....\$6.00 3"A.....\$10.00 4"A.....\$16.00 6"A.....\$41.00 	Female x male pipe thread ¾"B.....\$7.00 1"B.....\$9.75 1 ½"B...\$12.00 2"B.....\$14.50 3"B.....\$22.75 4"B.....\$29.00 6"B.....\$72.00 	Female x barb ¾"C.....\$6.50 1"C.....\$8.50 1 ½"C...\$12.00 2"C.....\$14.75 3"C.....\$27.00 4"C.....\$39.00 6"C.....\$87.00 
Camlock D	Camlock E	Camlock F
Female x female pipe thread ¾"D.....\$6.50 1"D.....\$9.75 1 ½"D...\$12.50 2"D.....\$15.00 3"D.....\$23.50 4"D.....\$32.00 6"D.....\$78.00 	Male x barb ¾"E.....\$4.00 1"E.....\$4.00 1 ½"E...\$5.25 2"E.....\$7.00* 3"E.....\$15.00 4"E.....\$21.00 6"E.....\$64.50 	Male x male pipe thread ¾"F.....\$4.00 1"F.....\$5.00 1 ½"F...\$5.50 2"F.....\$7.50 3"F.....\$14.50 4"F.....\$24.25 6"F.....\$59.50 
Camlock DP	Camlock DC	Camlock Gaskets
Male plug ¾"DP.....\$4.00 1"DP.....\$4.25 1 ½"DP...\$4.75 2"DP.....\$5.00 3"DP.....\$8.00 4"DP.....\$18.00 6"DP.....\$32.50 	Female plug ¾"DC.....\$6.50 1"DC.....\$8.50 1 ½"DC...\$10.00 2"DC.....\$13.50 3"DC.....\$20.00 4"DC.....\$28.50 6"DC.....\$62.75 	¾" .....\$1.00 1" .....\$1.00 1 ½" .....\$1.00 2" .....\$1.50 3" .....\$3.00 4" .....\$3.00 6" .....\$4.50 

# Clamps and Valves

Note: Prices subject to change



## 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	\$0.75	\$7.00
#32	2"	HC-32	\$0.80	\$7.50
#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	\$9.75
79-85	3" Layflat	SS-7985	\$9.75
86-91	3" Suction	SS-8691	\$9.75
104-112	4" Layflat	SS-1011	\$10.00
162-174	6" Layflat	SS-1617	\$15.25

## Spiral Clamps

For ribbed suction hose

Size	Part Number	Price
3"	SDBC-3	\$6.00
4"	SDBC-4	\$7.00
6"	SDBC-6	\$11.75
8"	SDBC-8	\$16.00

## 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



## Foot valves for Suction Hose

Size	Part Number	Price
2" plastic	FV-20	\$25.00
3" plastic	FV-30	\$70.00
4" plastic	FV-40	\$110.00
4" sureflo	FV-4S	\$335.00
6" sureflo	FV-6S	\$550.00
8" sureflo	FV-8S	\$835.00



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
3"	Thread	PBV-30T	\$38.00
3"	Glue	PBV-30G	\$38.00

## Metal Ball Valves—1/4 turn



Size	Metal	Part Number	Price
3/4"	Brass	BBV-07b	\$12.50
1"	Brass	BBV-10b	\$21.00
1 1/2"	Brass	BBV-15b	\$42.50
2"	Brass	BBV-20b	\$60.00
2"	Stainless	BBV-20s	\$70.00
3"	Brass	BBV-30b	\$199.00
4"	Brass	BBV-40b	\$357.00

## Brass Gate Valves



Size	Part Number	Price
1"	BGV-10	\$16.50
1 1/2"	BGV-15	\$29.50
2"	BGV-20	\$45.00
3"	BGV-230	\$113.00
4"	BGV-40	\$175.00

## Check Valves

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	\$52.50
3"	Brass	CV-30B	\$130.50
4"	Brass	CV-40B	\$195.00

## Pressure Relief Valves

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

## Galvanized Pipe Fittings

<p><b>Galvanized Nipple</b></p> <p>¾" .....GN-0715.....\$2.15                  1" .....GN-1020.....\$3.50                  1 ¼" .....GN-1220.....\$4.00                  1 ½" .....GN-1525.....\$3.85                  2" x 3" .....GN-2030.....\$5.00                  2" x 12" .....GN-2012.....\$20.00                  3" x 6" .....GN-3060.....\$35.00                  4" x 6" .....GN-4060.....\$47.00                  6" x 8" .....GN-6080.....\$150.00</p>	<p><b>Coupling</b></p> <p>2" .....2GC-20.....\$12.00                  3" .....2GC-30.....\$47.00</p> 	<p><b>Elbow</b></p> <p>1 ½" .....2GE-15.....\$8.00                  2" .....2GE-20.....\$14.50                  3" .....2GE-30.....\$60.00                  4" .....2GE-40.....\$105.00                  6" .....2GE-60.....\$430.00</p> 
<p><b>Bushing</b></p> <p>1" x ¾" .....GB-1007.....\$7.50                  1 ½" x ¾" .....GB-1507.....\$8.00                  2" x 1" .....GB-2010.....\$9.50                  2 x 1 ¼" .....GB-2012.....\$9.50                  2" x 1 ½" .....GB-2015.....\$9.50                  3" x 2" .....GB-3020.....\$21.00                  3" x 2" .....GB-3025.....\$27.00                  4" x 3" .....GB-4030.....\$38.00                  6" x 4" .....GB-6040.....\$80.00</p>	<p><b>Tee</b></p> <p>2" .....2-GT-20.....\$20.25                  3" .....2-GT-30.....\$65.00                  4" .....2-GT-40.....\$150.00                  6" .....2-GT-60.....\$430.00</p> 	<p><b>Street Elbow</b></p> <p>¼" .....2GSE-02.....\$4.00                  2" .....2GSE-20.....\$19.25                  3" .....2GSE-30.....\$77.00</p> 
<p><b>Metal Insert Male Adaptors</b></p> <p>3" Male....MAS-300NL...\$10.00                  4" Male....MAS-400NL...\$15.50</p>	<p><b>Metal Insert Couplers</b></p> <p>3" .....CS-300NL.....\$11.50                  4" .....CS-400NL.....\$17.00</p>	<p><b>Bolted Flange Gasket</b></p> <p>3" .....BLCFG-30.....\$4.25                  4" .....BLCFG-40.....\$6.00                  6" .....BLCFG-60.....\$7.25</p> <p><b>Bolted Flange Gasket Kit</b>                  Includes gasket and bolts</p> <p>3" .....BLCFGK-30.....\$12.00                  4" .....BLCFGK-40.....\$23.00                  6" .....BLCFGK-60.....\$33.50</p>

## Aluminum Pipe Fittings and Hydrant Parts

Many other kinds of aluminum fittings and replacement gaskets available 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 .....\$65.00
- 3" stub thread.....\$70.00
- 4" stub weld.....\$75.00
- 4" stub thread.....\$115.00
- 6" stub thread.....\$205.00



**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.....\$8.50
- 3 inch.....\$10.50
- 4 inch.....\$12.00

**Buried Line Couplers**

- 4 inch.....\$102.00
- 6 inch.....\$110.00
- 8 inch.....\$145.00



**In Line Elbows**

- 3 inch.....\$82.00
- 4 inch.....\$105.00

**In Line Tees**

- 3 inch.....\$125.00
- 4 inch.....\$165.00

**Valve Opener**

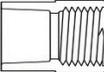
- 4" x 3" hook .....\$160.00
- 4" x 4" hook.....\$173.00
- 4" x 4" ring.....\$160.00
- 6" x 4" hook.....\$210.00
- 6" x 6" hook.....\$210.00
- 6" x 6" ring.....\$210.00

**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

<p><b>Threaded Tee</b> FPT x FPT x FPT</p> <p>¾" .....405-007.....\$2.75 1" .....405-010.....\$3.85 1 ½" .....405-015.....\$5.50 2" .....405-020.....\$7.25</p> 	<p><b>Tee</b> Slip x Slip x Slip</p> <p>¾" .....401-007.....\$0.60 1" .....401-010.....\$1.05 1 ½" .....401-015.....\$2.00 2" .....401-020.....\$2.75 3" .....401-030.....\$12.25 4" .....401-040.....\$22.50 6" .....401-060.....\$75.50</p> 	<p><b>Coupling</b></p> <p>Slip x Slip</p> <p>¾" .....429-007.....\$1.00 1" .....429-010.....\$1.00 1 ½" .....429-015.....\$1.50 2" .....429-020.....\$2.00 3" .....429-030.....\$4.75 4" .....429-040.....\$7.00 6" .....429-060.....\$22.00</p> 
<p><b>Elbow- 90°</b> Slip x Slip</p> <p>¾" .....406-007.....\$0.50 1" .....406-010.....\$0.75 1 ½" .....406-015.....\$1.50 2" .....406-020.....\$2.25 3" .....406-030.....\$8.50 4" .....406-040.....\$15.00 6" .....406-060.....\$48.00</p> 	<p><b>Female Adaptor</b></p> <p>Slip x Female</p> <p>¾" .....435-007.....\$0.65 1" .....435-010.....\$0.85 1 ½" .....435-015.....\$1.15 2" .....435-020.....\$1.50 3" .....435-030.....\$5.20 4" .....435-040.....\$8.60 6" .....435-060.....\$31.50</p> 	<p><b>Male Adaptor</b></p> <p>Slip x thread</p> <p>¾" .....436-007.....\$0.45 1" .....436-010.....\$0.70 1 ½" .....436-015.....\$1.15 2" .....436-020.....\$1.50 3" .....436-030.....\$6.40 4" .....436-040.....\$8.20 6" .....436-060.....\$21.35</p> 
<p><b>45° Elbow</b> Slip x Slip</p> <p>¾" .....417-007.....\$1.00 1" .....417-010.....\$1.20 1 ½" .....417-015.....\$2.00 2" .....417-020.....\$2.70 3" .....417-030.....\$11.00 4" .....417-040.....\$ 19.75 6" .....417-060.....\$48.50</p> 	<p><b>Slip Cap</b> Slip</p> <p>¾" .....447-007.....\$0.45 1" .....447-010.....\$0.65 1 ½" .....47-015.....\$1.00 2" .....447-020.....\$1.85 3" .....447-030.....\$4.25 4" .....447-040.....\$9.50 6" .....447-060.....\$22.60</p> 	<p><b>Bushing</b></p> <p>Spigot x FPT</p> <p>¾" x ½" .....438-101.....\$0.70 1 x ¾" .....438-131.....\$1.00 1 ¼" x 1" .....438-168.....\$1.50 1 ½" x 1" .....438-211.....\$1.75 2" x 1" .....438-249.....\$2.50 2" x 1½" .....438-251.....\$2.50 3" x 1" .....438-335.....\$4.50 3" x 2" .....438-338.....\$4.50 4" x 2" .....438-420.....\$9.15 4" x 3" .....438-422.....\$9.15</p> 
<p><b>22 ½ ° Elbow</b> Slip x Slip</p> <p>¾" .....416-007.....\$1.30 1" .....416-010.....\$1.60 2" .....416-020.....\$3.75 3" .....416-030.....\$15.75 4" .....416-040.....\$28.00 6" .....416-060.....\$69.25</p> 	<p><b>Female Cap</b> Female thread</p> <p>¾" .....448-007.....\$0.95 1" .....448-010.....\$1.30 1 ½" .....448-015.....\$1.50 2" .....448-020.....\$3.00 3" .....448-030.....\$5.50 4" .....448-040.....\$9.50 6" .....448-060.....\$22.50</p> 	<p><b>Bushing</b> FPT x MPT</p> <p>¾" x ¼" .....439-098.....\$1.25 ¾" x ½" .....439-101.....\$1.25 1 x ¼" .....439-128.....\$1.60 1 x ¾" .....439-131.....\$1.60 1 ¼" x 1" .....439-168.....\$2.35 1 ½" x 1" .....439-211.....\$3.00 2" x 1" .....439-249.....\$3.00 2" x 1½" .....439-251.....\$3.00 3" x 1" .....439-335.....\$12.75 3" x 2" .....439-338.....\$12.75 4" x 2" .....439-420.....\$37.75 4" x 3" .....439-422.....\$83.00</p> 
<p><b>Bushing</b> Spigot x Slip</p> <p>¾" x ½" .....437-101.....\$0.50 1 x ¾" .....437-131.....\$0.70 1 ¼" x 1" .....437-168.....\$1.10 1 ½" x 1" .....437-211.....\$1.00 2" x 1" .....437-249.....\$2.00 2" x 1½" .....437-251.....\$2.00 3" x 1" .....437-335.....\$4.10 3" x 2" .....437-338.....\$4.10 4" x 2" .....437-420.....\$9.15 4" x 3" .....437-422.....\$9.15</p> 	<p><b>Cross</b> Slip x Slip x Slip x Slip</p> <p>¾" .....420-007.....\$2.50 1" .....420-010.....\$3.00 1 ½" .....420-015.....\$4.60 2" .....420-020.....\$6.50 3" .....420-030.....\$17.50 4" .....420-040.....\$26.00</p> 	

## 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.....\$1.10            1" x 1" x <math>\frac{3}{4}</math>" .....401-131.....\$1.25            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x <math>\frac{1}{2}</math>" .....401-209.....\$3.10            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x <math>\frac{3}{4}</math>" .....401-210...\$3.10            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x 1" ... 401-211...\$3.10            2" x 2" x <math>\frac{3}{4}</math>" .....401-248...\$3.10            2" x 2" x 1" ..... 401-249...\$3.10            2" x 2" x 1 <math>\frac{1}{2}</math>" .....401-251...\$3.10            3" x 3" x 1" .....401-335...\$13.50            3" x 3" x 2" ..... 401-338....\$13.50            4" x 4" x 2" ..... 401-420...\$22.50            4" x 4" x 3" ..... 401-422...\$22.50            6" x 6" x 4" ..... 401-532...\$75.50         </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.....\$1.85            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x <math>\frac{1}{2}</math>" .....402-209.....\$3.80            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x <math>\frac{3}{4}</math>" .....402-210...\$3.80            1 <math>\frac{1}{2}</math>" x 1 <math>\frac{1}{2}</math>" x 1" ... 402-211...\$3.80            2" x 2" x <math>\frac{3}{4}</math>" .....402-248...\$4.75            2" x 2" x 1" ..... 402-249...\$4.75            2" x 2" x 1 <math>\frac{1}{2}</math>" .....402-251...\$4.75            3" x 3" x 1" .....402-335...\$14.75            3" x 3" x 2" ..... 402-338....\$17.75            4" x 4" x 2" ..... 402-420...\$25.00            4" x 4" x 3" ..... 402-422...\$25.00            6" x 6" x 4" ..... 402-532...\$84.00         </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...\$1.85            1 <math>\frac{1}{2}</math>" .....402-015...\$3.75            2" .....402-020...\$4.85            3" .....402-030...\$18.65            4" .....402-040...\$28.50         </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.....\$3.00            1 <math>\frac{1}{2}</math>" .....408-015.....\$4.00            2" ..... 408-020.....\$6.00         </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.....\$ 5.00         </p>	<p><b>Nipples- SCH80</b></p>  <p>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...\$1.65            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>Union</b> Slip x Slip</p>  <p> <math>\frac{3}{4}</math>" .....457-007.....\$4.30            1" .....457-010.....\$4.50            1 <math>\frac{1}{2}</math>" .....457-015.....\$15.00            2" .....457-020.....\$20.00         </p>	<p><b>Union</b> Thread x Thread</p>  <p> <math>\frac{3}{4}</math>" .....458-007.....\$7.85            1" .....458-010.....\$10.65            1 <math>\frac{1}{2}</math>" .....458-015.....\$18.75            2" .....458-020.....\$23.00         </p>	<p><b>Coupler</b> Female x Female</p> <p> <math>\frac{3}{4}</math>" .....430-007.....\$0.90            1" .....430-040.....\$1.20            2" .....430-020.....\$19.00         </p>
<p><b>Pipe Materials</b></p> <p>Liquid Teflon...GM-P...\$15.00            PVC Primer....PVCP.....\$24.00,            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> 10 Foot Lengths</p> <p> <math>\frac{3}{4}</math>" .....pvcp7510.....\$10.50            1" .....pvcp1010.....\$16.50            1 <math>\frac{1}{2}</math>" .....pvcp1510.....\$24.00            2" .....pvcp2010.....\$32.50            3" .....pvcp3010.....\$45.00            4" .....pvcp4010.....\$87.50         </p>	<p><b>Air vents</b> Continuous acting air vacuum vents</p> <p>           1" plastic MPT.....AV01P...\$18.00            2" plastic MPT.....AV02P ...\$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. All tubing is available with clips pre-installed.



**Call for pricing on 20 plus coils.**

### 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

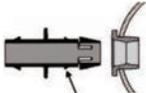
Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
17mm	12"	1000'	0.61	300'	NO171216	\$190.00
17mm	24"	1000'	0.61	375'	NO172416	\$145.00
17mm	24"	1000'	0.42	650'	NO172414	\$145.00
17mm	24" WHITE	1000'	0.42	650'	NO172414W	\$150.00
17mm	36"	1000'	0.61	650'	NO173616	\$140.00
17mm	36"	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

### Rivulis D5000PC Heavy Wall Drip Line

Size	Dripper Spacing	Length	Flow Rate	Max Run Length*	Part Number	Price
18mm	12"	1000'	0.53	594'	RO181251	\$160.00
18mm	24"	1000'	0.53	1027'	RO182451	\$135.00
18mm	24"	1000'	0.4	1324'	RO182441	\$135.00
18mm	36"	1000'	0.53	1214'	RO183651	\$130.00
18mm	36"	1000'	0.4	1463'	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

Expando Starter With Grommet Use 3/8" drill bit for install	Insert Starter With Grommet Use with 16.5mm insert tool	Starter with Valve 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 
Barbed Coupler	Pro-Loc Coupler	Inline Valve, Green
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 
Power-Loc Inline Valve	Barbed Elbow	Power-Loc Elbow
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 
Barbed Tee	Power-Loc Tee	Power-Loc Tube x FGH
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 
Pro-Loc Tube x 3/4" MPT	16.5mm Insert tool	H Curls
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 
Figure 8 End Cap	Clip Rings	Clipper Line
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

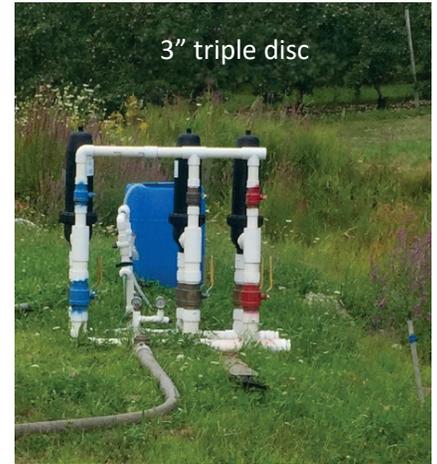
Replacement Cover.....\$8.00



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. Manual cleaning of the filter cartridges is needed yearly for maintenance.



3" triple disc



2" twin disc

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	\$1,400.00
3" twin long disc filter	5 acres	\$1,950.00
4" twin long disc filter	6 acres	\$2,250.00
3" triple long disc filter	8 Acres	\$2,850.00
4" triple long disc filter	10 acres	\$3,400.00



2" long disc

## Automatic Backflush Filter

Brookdale manufactured auto back flushing filter assemblies are designed to automatically backflush each filter. This allows you to continuously irrigate without losing pressure due to clogged filters or having to return to the field to clean the filter. Using the Toro Tempus Ag platform, you can program the backflush cycles using your cell phone's Bluetooth connection. The filter backflushes on timed intervals. This assembly can also be part of a Tempus Ag system for your entire farm. Filters ship assembled with 1-hour backflush intervals. The 9-volt control battery needs to be changed annually. Retrofit kits available for existing filters, call for pricing.



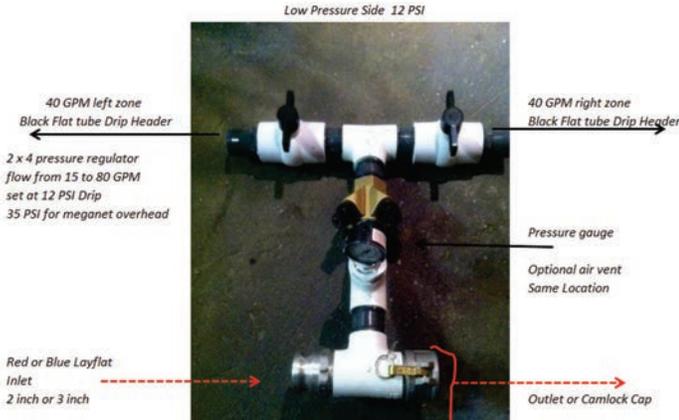
Type	Irrigation Capacity	Price
2" twin long disc filter	3 acres	\$3,300.00
3" twin long disc filter	5 acres	\$4,175.00
4" twin long disc filter	6 acres	\$4,450.00
3" triple long disc filter	8 Acres	\$5,650.00
4" triple long disc filter	10 acres	\$6,550.00

## 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.

 <p><b>3/4" Low Flow Regulator</b> PRL-07...\$10.00 GPM: 0.5-5 Preset Choice 15 PSI or 35 PSI</p>	 <p><b>3/4" High Flow Regulator</b> PR-07...\$17.00 GPM: 3.5-20 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65</p>	 <p><b>1 1/2" 2 tip Regulator</b> PR-15...\$40.00 GPM: 7-40 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65</p>	 <p><b>2" x 4 tip Regulator</b> PR-24...\$115.00 GPM: 15-80 Regulation PSI 12, 15, 20, 25, 30,</p>	 <p><b>2" x 6 tip Regulator</b> PR-26...\$210.00 GPM: 25-120 Regulation PSI 12, 15, 20, 25, 30,</p>	 <p><b>3" x 10 tip Regulator</b> PR-31...\$380.00 GPM: 30-200 Regulation PSI 12, 15, 20, 25, 30, 35, 43, 50, 65</p>
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**Replacement Tip** PRT-Psi... \$12.75 Preset at : 12, 15, 20, 25, 30, 35, 43, 50, 65 PSI



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. 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.

Inlet Size	Outlet Size	Pressure Reg	Price
2 inch	2 inch	1 1/2"	\$275.00
2 inch	2 inch	2x 4	\$300.00
2 inch	2 inch	2 x 6	\$400.00
3 inch	2 inch	2 x 4	\$350.00
3 inch	2 inch	2 x 6	\$430.00
4 inch	2 inch	2 x 4	\$375.00

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. 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	\$360.00
2"	1"	16-80	\$440.00
3"	1"	16-80	\$710.00
3"	1.5"	34-150	\$770.00
4"	1.5"	31-150	\$850.00

## 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 a 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	\$105.00
584	3/4"	M0584	9-50 GPM	25 gph	\$105.00
1078	1"	M1078	16-80 GPM	92 gph	\$175.00
1585	1.5"	M1585	34-150 GPM	323 gph	\$220.00

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	\$95.00
1"	Rebuild Kit	CR-4	\$16.00
1.5"	Hose	KR-183	\$95.00
1.5"	Rebuild Kit	CR-4	\$16.00



### 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	\$425.00
TF 10	1.5 inch	45 gpm	MRTF10	\$950.00
TF 25	2 inch	110 gpm	MRTF25	\$2,398.00



### Replacement Parts

Item	Part Number	Price
571 gaskets	MRR-571G	\$44.00
571 check valve	MRR-571C	\$36.00
TF10 gaskets	MRR-T10G	\$70.00
TF10 check valve	MRR-T10C	\$75.00
TF25 gaskets	MRR-T25G	\$82.00
TF25 check valve	MRR-T25C	\$80.00



# MixRite™

## 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

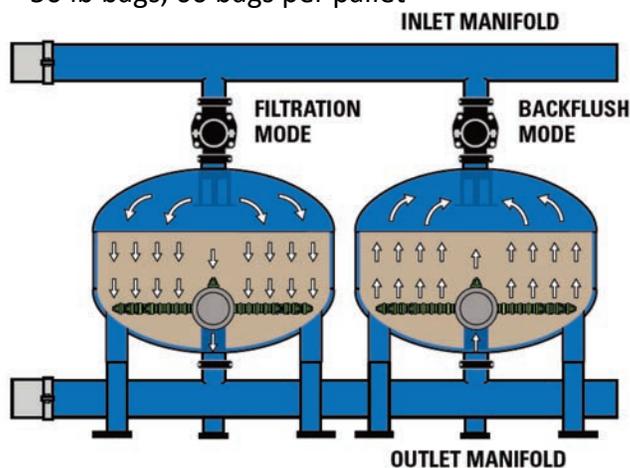
Size	Type	Part Number	Price
3/4"-1"	Disc	TDF-1R	\$12.00
3/4"-1"	Screen	SF-1R	\$8.00
2"-3" Long	Disc	TDF-3R	\$100.00
2"	Screen	SF-2R	\$16.00



**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.

### #16 Silica Sand ...FMS \$22.50

50 lb bags, 60 bags per pallet



**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.



## 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.

<p><b>Veggie Special...12-5-19</b> PM-120519....\$40.25 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.</p>	<p><b>Berry Blend...28-8-15</b> PM-280815.....\$36.50 Specifically formulated for blueberries, cranberries, blackberries, raspberries, as well as other small fruits. The NPK ratio meets the nutritional demands while providing other elements needed for abundant fruit set.</p>
<p><b>K Mag...15-5-30</b> PM-150530....\$40.25 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.</p>	<p><b>Hi-Cal Special...15-0-15</b> PM-150015....\$34.00 With 10.5% calcium this formula contains high nitrate nitrogen, calcium magnesium and minor elements.</p>
<p><b>Cal Mag...14-4-14</b> PM-140414....\$40.25 With 5% calcium and 2% magnesium</p>	<p><b>Orchard Special...16-4-13</b> PM-060413....\$37.00 With 6.04% calcium and 1.56% magnesium. Boron and zinc in plant available forms</p>
<p><b>Mag-Iron ...18-6-18</b> PM-180618....\$40.25 High Magnesium and Iron. Iron is provided in to different forms, EDTA and DTPA. The formula is high in Nitrate Nitrogen, great choice for providing lush green foliage on annuals.</p>	<p><b>Cal Mag...17-5-17</b> PM-170517....\$40.25 Contains most of the major, secondary and minor elements almost any crop would need. 4 % Calcium, 1% Magnesium.</p>
<p><b>Super Start...12-45-10</b> PM-124510.....\$47.50 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.</p>	<p><b>Calcium Nitrate...15-0-0</b> PM-150000.....\$33.00 With 18% calcium and chelated minerals.</p>
<p><b>Potassium Nitrate...13-0-44</b> PM-130044.....\$59.00</p>	<p><b>General Purpose...20-20-20</b> PM-202020....\$42.00</p>
	<p><b>General Purpose...20-10-20</b> PM-201020....\$40.25</p>



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





Check Codes for product info and for specific feeding programs

## Liquid Fertilizer



<p><b>CELL POWER® SizeN® Calcium 15-0-0 with 7% Ca 0.2% B:</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. OMSN...2.5 gallon jug \$100.00</p>	<p><b>CELL POWER® LifeOmex™4-4-4:</b> 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. OMLO.....2.5 gallon jug \$82.50</p>
<p><b>CELL POWER® Start-off 5-10-5:</b> A proprietary blend of three seaweed extracts, along with desert plant extracts. They aid the crop during abiotic stress during cold or hot soil temperatures and at transplant. OMSO.....2.5 gallon jug \$82.00</p>	<p><b>SLYCE®Ca8%:</b> Is derived from calcium nitrate and humic acid to aid in improving water penetration and soil tilth. <b>SLYCE®Ca8%</b> reacts with soil nutrient components that creates a faster and more efficient availability of nutrients. OMSC.....2.5 gallon jug \$56.50</p>
<p><b>CELL POWER® Calcium Gold 7-0-0:</b> A calcium nitrate LoCal technology. LoCal allows the fruit to absorb calcium even during stress conditions. Local can stimulate calcium absorption into parts of the plant that are naturally less able to absorb calcium, such as growing fruit. Contains 7% Nitrogen and 8% Calcium. OMCG.....2.5 gallon jug \$84.50</p>	<p><b>CELL POWER® Calcium Platinum 10-0-0:</b> A calcium nitrate LoCal technology. LoCal allows the fruit to absorb calcium even during stress conditions. Local can stimulate calcium absorption into parts of the plant that are naturally less able to absorb calcium, such as growing fruit. Contains 10% Nitrogen 10.6% Calcium OMCP.....2.5-gallon jug \$101.00</p>
<p><b>CELL POWER® Balanced 10-10-10:</b> A highly concentrated solution containing NPK. Along with a full complex of chelated micronutrients. Balanced 10-10-10 helps maximize production of crops at risk of damage from stress conditions. OMBL.....2.5-gallon jug \$80.00</p>	<p><b>CELL POWER® 4pHoric:</b> Used to promote root growth and increase potassium and phosphorous uptake. Helps to reduce plant stress, increase fruit size and firmness. OM4p....2.5 gallon jug \$110.00</p>

## 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	55 gallon	
Hydrolyzed Fish Fertilizer	NH020401	2-4-1	\$30.00	\$110.00	\$500.00
Seaweed Plant Food	NH000001	0-0-1	\$36.00	\$130.00	\$575.00
Fish and Seaweed Blend	NH020301	2-3-1	\$36.00	\$125.00	\$575.00
Tomato and Veg	NH020402	2-4-2	\$45.00	\$140.00	\$1,160.00
Rose and Flowering	NH020604	2-6-2	\$45.00	\$140.00	\$1,160.00



Granular must be broadcast or top dressed.

Type	Part Number	50 lb bag
Kelp Meal	NHKM	\$100.00
Crab Shell	NHCS	\$70.00



**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

### 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



# 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	\$12.00
Orange	WBO	Soft, high flow, wide pattern	\$12.00
Lemon	WBL	Soft, medium flow	\$12.00
Blue	WBB	Full flow for drenching hanging baskets ect.	\$8.00

## Dramm Brass Garden Hose Shut Off DBV... \$18.00



## Dramm Handi-Reach Handles

Standard garden hose connections



Item	Part Number	Price
16" handle, 45 degree angle	HRH164	\$8.25
24" handle, 45 degree angle	HRH244	\$9.25
36" handle, 45 degree angle	HRH364	\$10.50
48" handle, 45 degree angle	HRH484	\$11.75
36" handle, 90 degree angle	HRH369	\$11.00

## 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	\$9.75
FOGG-IT nozzle, 2 gpm	FG20	\$9.75

## 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**



## Float Valve

High-Capacity float valve with adjustable arm that allows you to adjust the level of the water. Includes rod and float. **GHFV \$48.00**



## 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	\$1.75
3/4"	Gray	GB07	\$1.75
1"	Clear	CB10	\$2.75
1"	Gray	GB10	\$2.75

## Dramm OneTouch Valve...DOV \$14.00



## Dramm Revolver Spray Gun...DSG \$11.00

## Dramm ColorStorm Hose

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.



Item	Part Number	Price
3/4" x 50'	DCS07050	\$102.00
3/4" x 75'	DCS07075	\$140.00
3/4" x 100'	DSC07100	\$155.00
5/8" x 50'	DSC06050	\$65.00
5/8" x 75'	DSC06070	\$109.00
5/8" x 100'	DSC06100	\$115.00

## 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	\$120.00



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	GHWA	\$1.50
Y connector with valves	GHYC	\$14.00

# Greenhouse Assemblies

## Pre-Assembled Hanging Basket Assemblies

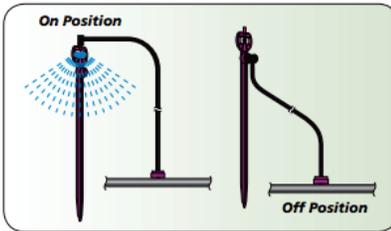
Comes pre-built with the 0.5 gph woodpecker Jr. and the slimline EZ close weight. Distributes water uniformly down the line, regardless of tube length. Allows the grower to put out the correct amount of water and nutrients. Once the hanging basket or pot is removed simply fold the weight to crimp the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

Item	Part Number	Flow	Price
18"	NT-HB18	0.5 gph	\$0.90
24"	NT-HB24	0.5 gph	\$0.95
36"	NT-HB36	0.5 gph	\$1.00



Open 
Open
Closed

## Pressure Compensating Spray Stakes



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

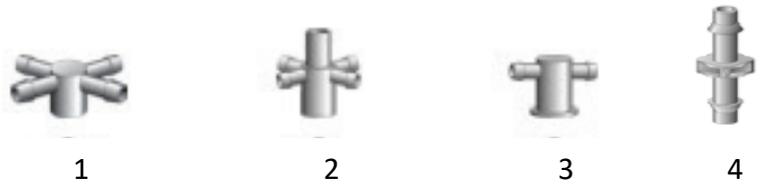
Item	Part Number	Price
3.2 GPH Plum Dripper 36" Tube	NT-PDT36	\$0.95
Plum Spray Stake	NT-PSS	\$0.35
6.6 GPH Grey Dripper 36" Tube	NT-GDT36	\$0.95
Grey Spray Stake, Single	NT-GSS	\$0.35
Grey Spray Stake, Double	NT-GSD	\$0.35
7.9 GPH Brown Dripper 36" Tube	NT-BDT36	\$0.95
Brown Spray Stake, Single	NT-BSS	\$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	\$2.40
4 way stackable 18"	014DMS-1818F	\$2.40
4 way flat 18"/30"	014DM-1830F	\$2.40
4 way stackable 18"/30"	014DMS-1830F	\$2.40
4 way flat 24"	014DM-2424F	\$2.30
4 way stackable 24"	014DMS-2424F	\$2.30
4 way flat 24"/36"	014DM-2436	\$2.45
4 way stackable 24"/36"	014DMS-2436F	\$2.45
4 way flat 30"	014DM-3030F	\$2.45
4 way stackable 30"	014DM-3030F	\$2.45
Wpc jr Mod 2.0 GPH	21520-001740	\$0.35



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



**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



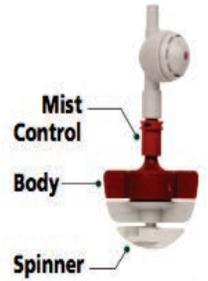
# Greenhouse Sprinkler/Mister/Fogger

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

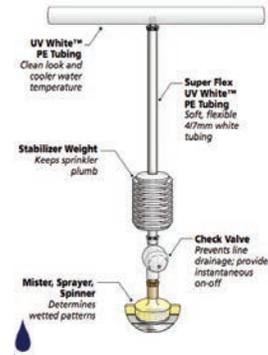
## Sprinkler



For winter use remove check valve to prevent freezing.

**Hanging Weight Adaptor**, 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



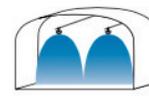
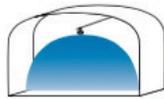
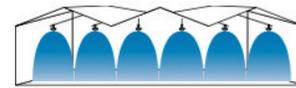
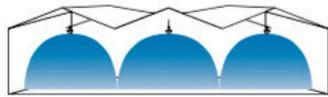
## Mister



## 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

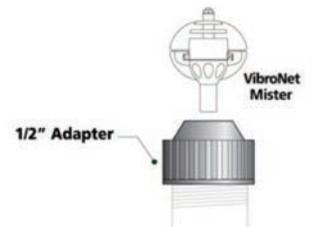
Bay Width (ft)	Spacing Between Sprinklers (ft)	Spacing Between Sprinkler Lines (ft)	Height Above Crop		
			3'	4' - 5'	6' - 7'
20	3	11	R-R-BL	-	-
22	3	12	R-R-BL	R-R-BL	-
24	3	12	R-R-BL	R-R-BL	R-R-BL
26	3	14	BR-BR-BL	R-R-BL	R-R-BL
28	3	15	BR-BR-BL	R-R-BL	R-R-BL
30	3	16	R-R-GY	R-R-GY	BR-BR-BL
32	3	17	R-R-GN	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	0355120070BL-B	18.4
BR-BR-BL	SpinNet Brown Mist Control, Brown Body, Blue Spinner w/Check Valve	0355160090BL-B	23.4
R-R-GY	SpinNet Red Mist Control, Red Body, Grey Spinner w/Check Valve	03551200070L-B	18.4
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

## 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

\*Average flow at 32 psi.

## Media Master Pot & Flat

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.

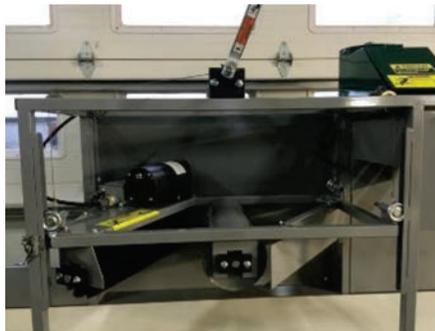
**MMP.....\$10,550.00**



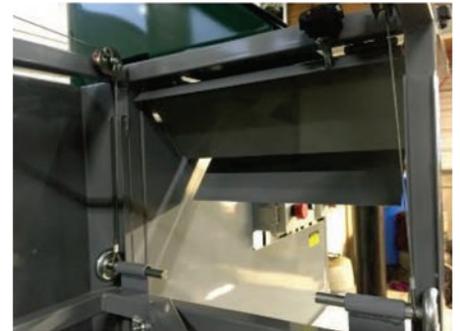
Rear View



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 Call for info**

### Media Master Bale Buster

Features a hopper with a capacity of 14 cu. Ft loose (2--3.8 cf 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. **MABB \$6,580.00**

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. Grower's 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	\$31.75	\$31.50	\$30.85
BX with Mycorrhizae	PMM-38	\$33.60	\$33.25	\$32.60
BX with Mycorrhizae + Biofungicide	PMMB-38	\$34.50	\$33.75	\$33.25

#### 2.8 Cu. Ft. Loose Bag

Description	Item #	9 or less	10+	57/Skid
BX with Mycorrhizae	PMBX-28	\$17.60	\$17.48	\$17.15
BX with Mycorrhizae + Biofungicide	PMMB-28	\$18.30	\$18.15	\$17.80

### 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	\$38.25	\$37.90	\$37.00

### Pro-mix Peat Moss

Pro-Moss "Hort" Sphagnum Peat Moss  
Certified OMRI



Description	Item #	9 or less	10+	30/Skid
Peat Moss 3.8 cu ft	PMPM	\$15.50	\$15.00	\$14.50



## Soil

**Mycorrhizae:** *Glomus intraradices* is a biological growth enhancer that is naturally found in soils. It improves fertilizer and water uptake, increases the plants resistance 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.



### Pro-mix FPX, Germination Mix

This fine grind mix is ideal for germination and plug growing. Canadian Sphagnum peat moss, plug grade fine perlite, Limestone (pH adjuster), wetting agent.

**\*\*PGX has been discontinued, this is very similar\*\***

Description	Item #	9 or less	10+	57/Skid
FPX with Biofungicide 2.8 cu ft bags	PMGX	\$19.50	\$19.25	\$18.90

### 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, Medium	VMC2	\$22.50	\$21.50
Vermiculite, Fine	VMF2	\$20.50	\$19.50
Perlite, Coarse	PLC1	\$18.50	\$17.50

### White Plastic Labels

Description	Item #	Price
4 1/2" x 1" (1,000/roll perforated)	PPL045	\$20.50
4" x 5/8" (1,000/box- loose)	PPL04	\$26.75
5" x 5/8" (1,000/box-loose)	PPL05	\$30.50
7" x 5/8" loop tag (1,000/roll perforated)	PPL07	\$31.50

## Soil



**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 compressed**

Description	Item #	9 or less	10+	30/Skid
Sunshine Mix #1	SSM1-3	\$25.50	\$25.25	\$25.00

**2.8 Cu. Ft. Loose Bag**

Description	Item #	9 or less	10+	30/Skid
Sunshine Mix #1	SSM1-2	\$17.50	\$17.25	\$16.75

### Sunshine Mix #1 OMRI (green label)

2.8 cu feet per bag

Description	Item #	9 or less	10+	51/Skid
Sunshine Mix #1 omri	SSM10	\$18.00	\$17.75	\$17.25

**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	\$116.00	\$113.00	2.25	1.75
72 square deep	LPT0720	\$114.00	\$111.00	2.38	1.63
98 Square	LPT0980	\$122.00	\$119.00	2	1.25
128 square	LPT128	\$106.00	\$103.00	2	1.25
288 square	LPT288	\$122.00	\$119.00	1	0.75
288 square deep	LPT288D	\$128.00	\$125.00	1.75	0.75

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

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

Description	Item #	9 or less	10+	54/Skid
Sunshine Mix #5	SSM5	\$18.50	\$18.25	\$17.75

### Metro-Mix 830

Bark, Sphagnum Peat Moss, Dolomite Lime, Long-Lasting Wetting Agent, ReSiLIENCE. 2.8 cu ft. Ideal for 4"-1 gallon pots

Description	Item #	9 or less	10+	48/Skid
Metro-Mix 830	MM830	\$18.00	\$17.75	\$17.50

### Metro-Mix 852

Bark, Sphagnum Peat Moss, Dolomite Lime, Long-Lasting Wetting Agent, ReSiLIENCE. 2.8 cu ft. Ideal for 1 gallon and up pots

Description	Item #	9 or less	10+	42/Skid
Metro-Mix 852	MM852	\$18.00	\$17.75	\$17.50



### Agritape Heat Mats

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. 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	\$130.00
AT-1	120	KBC-03	\$142.00

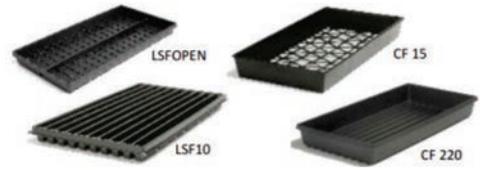
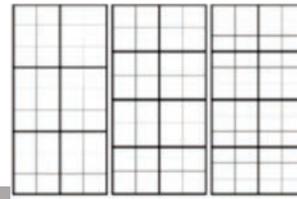
Heat Mat	Part #	Price
11" x 4'	KBAT-1104	\$40.00
11" x 10'	KBAT-1110	\$69.00
22" x 10'	KBAT-2210	\$121.00
44" x 8'	KBAT-4408	\$201.00

## Pots and Trays

### 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+
601, 6 packs of 1 cell	IN601	100	\$58.50	\$57.00
606, 6 packs of 6 cells	IN606	100	\$57.50	\$56.00
804, 8 packs of 4 cells	IN804	100	\$57.00	\$55.50
806, 8 packs of 6 cells	IN806	100	\$57.00	\$55.50
606 Deep, 6 packs of 6 cells	INJ0606	100	\$57.50	\$56.00
804 Deep, 8 packs of 4 cells	INJ0806	100	\$59.50	\$58.00

Description	Item #	Pcs/Cs	1-5	6+
Medium Weight, solid side, web bottom	CF15	50	\$40.00	\$37.50
Heavy duty, almost solid side, web bottom	CF2	50	\$50.50	\$49.00
NCR tray, solid side with bottom drain holes	CF22	100	\$76.00	\$74.00
NCRN tray, solid side, no bottom drain holes	CF220	100	\$77.00	\$75.00
Open Seeder Tray, slitted bottom	CFOP	100	\$124.00	\$121.00
10 row seeder tray, slitted bottom	CF10	100	\$192.00	\$188.00

### Square Pots

Press fit from Landmark Plastics. Other sizes available for order



Description	Item #	Pcs/Cs	1-5	6+
3" square	PF030	800	\$44.00	\$43.00
4" square	PF040	450	\$38.00	\$37.00
4.5" square	PF045	375	\$40.00	\$39.00
4.5" square deep	PF0450	375	\$52.50	\$51.00
3" pot trays, 32 count	PF1030	100	\$89.00	\$86.50
4" pot trays, 18 count	PF1040	50	\$42.50	\$41.50
4.5" pot trays, 15 count	PF1045	50	\$56.50	\$55.00

### Hanging Baskets, Landmark Plastics

Order Hangers for the Baskets

Description	Item #	Pcs/Cs	Price
10" white Contempo Swirl, Saucerless	SHB210	50	\$54.50
10" Green Contempo Swirl, Saucerless	SHB210G	50	\$54.50
10" Choc. Brown, Imperial, Saucerless	SHB710CB	50	\$54.50
White 3 Strand 16" Plastic Hangers	SHBE10	25	\$8.50
Green 3 Strand 16" Plastic Hangers	SHBE10G	25	\$8.75
Choc. Brown 3 Strand 19" Plastic Hangers	SHBE10LCB	25	\$10.50
21" wire 3 Strand, Galvanized	SHBW10	50	\$12.00



DPO12



DPO16 with optional DPO16S

### Oval Planters, Terra Cotta

Description	Item #	Pcs/Cs	Price
12" Panterra, ITLM	DPO12	50	\$127.00
16" Khan Fluted	DPO16	50	\$95.00
Saucer for 16"	DPO16S	50	\$40.00

### Hanging Baskets, Koba

Hangers are included in the cases

Description	Item #	Pcs/Cs	Price
8" White, Fluted, Saucerless	SHB408	84	\$85.00
8" Green Fluted, Saucerless	SHB408G	84	\$86.00
12" White Curved, Saucerless	SHB412	50	\$105.50
12" Terra-Cotta Curved, Saucerless	SHB412C	50	\$106.50
12" Green Curved, Saucerless	SHB412G	50	\$106.50
14" White Curved, Saucerless	SHB414	60	\$185.50
14" Terra-Cotta Curved, Saucerless	SHB414C	60	\$187.50

## Pots and Trays

### Round Thermoformed Pots

Flexible sidewall with rim design that has good hoop strength



Description	Item #	Pcs/Cs	1-5	6+	Dia.	Depth
4" round, black	TWT4	825	\$64.50	\$63.00	4"	3.49"
4.5" Geranium, black	TWT45	450	\$47.50	\$46.00	4.5"	4.02
4.5" Geranium, terra-cotta	TWT45TC	450	\$67.50	\$66.00	4.5"	4.02
6" Azalea, black	TWT6	220	\$39.00	\$38.00	6"	4.38
6" Azalea, terra-cotta	TWT6TC	220	\$53.50	\$52.00	6"	4.38
6.5" Azalea, black	TWT65	240	\$42.00	\$41.00	6.5"	5
6.5" Azalea, terra-cotta	TWT65TC	240	\$60.50	\$59.00	6.5"	5
7.5" Azalea, black	TWT75	220	\$65.50	\$64.00	7.5"	5.71

### Round Injection Molded Pots

Heavy Duty, Rigid

Description	Item #	Pcs/Cs	1-5	6+	Dia.	Depth
4.5" Azalea, black	TWP045	750	\$108.00	\$105.00	4.5"	3.63"
4.5" Azalea, green	TWP045G	750	\$109.00	\$106.00	4.5"	3.63"
6" Azalea, black	LTW060	387	\$120.00	\$117.00	6"	4.75"
6" Azalea, green	LTW060G	387	\$121.00	\$118.00	6"	4.75"
6.5" Azalea, black	TWP065	246	\$75.00	\$73.00	6.5"	5.13"
7" Azalea, green	TWP065G	364	\$115.00	\$112.00	7"	5.5"
8" Azalea, green	TWP080	206	\$108.00	\$105.00	8"	6.25"
10" Azalea, green	TWP100	36	\$39.00	\$38.00	10"	7.5"
12" Azalea, black	TWP120	25	\$76.50	\$75.00	12"	9"

### Round Transport Trays

Description	Item #	Pcs/Cs	1-5	6+
4" pot trays, 15 count	SRT040	100	\$130.00	\$127.00
4.5" pot trays, 15 count	SRT045	90	\$157.00	\$153.00
6" pot trays, 6 count	SRT060	100	\$128.00	\$125.00
6.5" pot trays, 6 count	SRT065	100	\$142.00	\$139.00



### Mum Pans

Description	Item #	Pcs/Cs	1-5	6+	Dia.	Depth
8" black, thermoformed	MUM8B	130	\$45.00	\$43.00	8"	5"
8" terra-cotta, thermoformed	MUM8T	130	\$58.50	\$57.00	8"	5"
9" black, thermoformed	MUM9B	140	\$51.50	\$50.00	9"	5.9"
9" terra-cotta, thermoformed	MUM9T	140	\$71.00	\$69.00	9"	5.9"
9" green, thermoformed	MUM9G	140	\$71.00	\$69.00	9"	5.9"

### Nursery Containers, Thermoformed

Description	Item #	Pcs/Cs	1-5	6+	Dia.	Depth
True Gallon	HP100	170	\$65.00	\$63.00	8"	6.87"
True 2 gallon	HP200	140	\$66.00	\$65.00	9.75"	9.12"
True 3 gallon	HP300	120	\$92.00	\$90.00	11"	9.69"





# 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 wireless 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. Tempus 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 Ag works in an outdoor field setting, as well as indoor high tunnels or greenhouse environment. Tempus Ag can send alerts via the app or to an email if a user determined sensor threshold is exceeded.

For more information check out the Tempus Ag YouTube Video



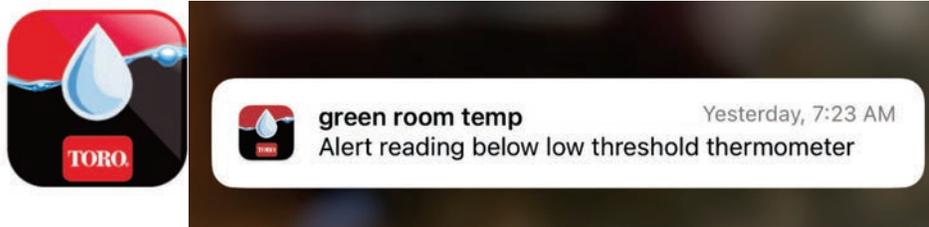
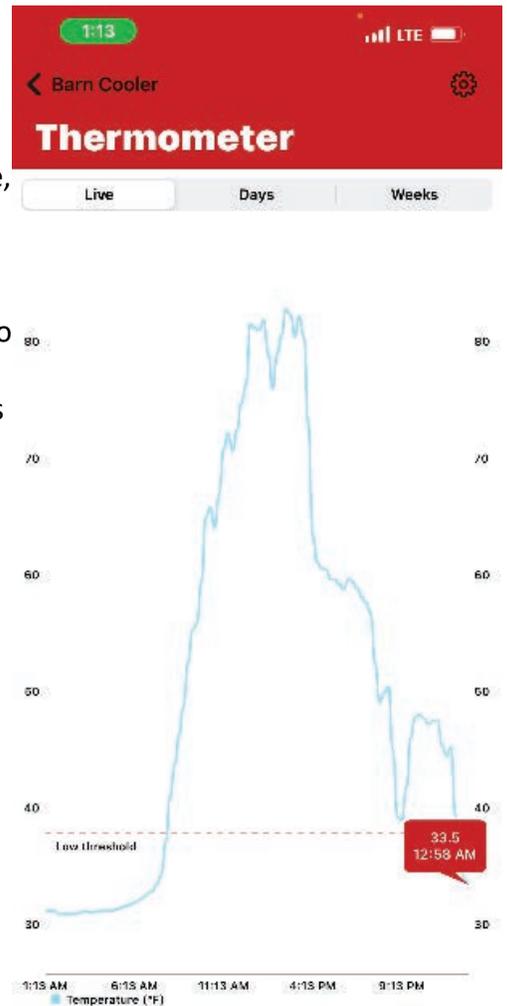
All controllers are connected via Bluetooth on your phone or tablet. This allows you to quickly adjust irrigation schedules or look at performance data in the field. All cluster programs are adjusted via the web-based platform.

For install information and helpful tips scan the QR Code

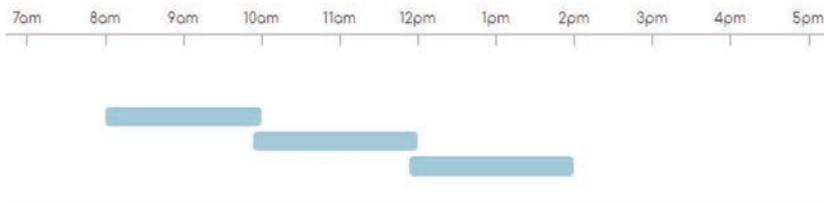


## Automation

Tempus Ag can do many things when it comes to automation. Tempus is designed to turn on irrigation pumps, operate individual valves, monitor flow and pressure, and program fertilization cycles. Setting thresholds allows the user to know if specific conditions are met such as temperature, pressure, or soil moisture. Tempus is expanding to add its own weather station which is smartly integrated to the conditions of a program on the platform. Tempus can also use third party components to fully automate vents and roll up sides on a greenhouse for example. The platform can also be utilized for record keeping allowing the collected data to be downloaded in csv or an excel document. Tempus continues to expand its capabilities of sensors and actions to be utilized throughout the farm.



The Tempus Ag interface allows you to schedule irrigation cycles for each solenoid valve. Below is an example of an irrigation schedule.



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
SDI-12, weather station	TEMPUS-AG-SDI-12	Call
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

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. Please Call for help in designing a Tempus System



Tempus control units are powered by a 9V battery. The system will alert you when there is 20% battery life left. Only the base stations require 110 volt or a solar panel to create the network. No grid power is required to operate the system. When using irrigation control valves they have to operate with a 12 volt DC latching solenoid.

## Automation

### 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 DCL or AC solenoid FPT **\$38.00 each**

**A-100 Series valves** heavy-duty globe/angle valves offer superior performance and durability. Simple on/off valve with manual internal bleed and manual external bleed (flush mode). Brass flow control stem, precise flow adjustment and manual shut off. FPT **2" A-100P2 \$180.00 3" A-100P3 \$245.00 DCL Solenoid \$38.00**

**A-700 Series: 2" valves** straight-through flow path to provide a low-pressure loss. Ideal for lower flow applications. Slow closing design prevents water hammer. FPT **A-700-2 \$170.00**

**A-900 Series: 2-3" valves** hydrodynamic valve seat and durable diaphragm eliminate vibration or distortion. The valve seat creates an easier path for the water through the valve, reducing pressure loss. Stocked as On/off valves. DC Latching Solenoid FPT **A-900-2 \$172.00 A-900-3 \$240.00** pressure sustaining valve call

**A-900 Series: 4-6" valves** same as the 2 and 3" except they are Victaulic or flanged connection. These valves can also be configured to be pressure regulating. Call for pricing

**Bermad** Pressure Reducing Control Valve with Solenoid Control is a hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand, and opens fully upon line pressure drop. Available in AC or DCL

**2" IR-120 \$210.00 3" IR-130 \$289.00**

Iron and Nylon control valves also available by Netafim. Call to pick the right valve for application



2500



A-100



A-700



A-900



Bermad



Netafim

### 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 number 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	\$36.00
WaterMark Sensor 15' cable	WMSN-S	\$42.00
WaterMark Reader	WMRD	\$245.00
Watermark Voltage Adapter	WMVA	\$65.00



### Additional Sensors for Tempus Applications

PT100 Temp sensor	PT1	\$20.00
Rain Sensor	RCS	\$40.00
Davis rain meter	DRM	\$160.00
Humidity sensor	HSS	\$160.00

Other soil moisture sensors available from Waterscout, Meter Group and Vegetronix



### 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	\$425.00
2"	DWY20	\$550.00
3"	36IRT3F	\$769.00
4"	36IRT4F	\$965.00
6"	36IRT6F	\$1,385.00



## 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



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

### Battery Operated Controllers



Waterproof, commercial grade, constructed of high impact plastic these controllers operate on 2 AA alkaline batteries for up to 3 years! 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.

Item	Part Number	Price
Controller with 3/4" valve	DIG710A07	\$100.00
Controller with 1" valve	DIG710A10	\$105.00
Controller with 1.5" valve	DIG710A15	\$170.00
Controller with 2" valve	DIG710A20	\$185.00

#### Bluetooth programmable controller 410 series

Item	Part Number	Price
Controller with 3/4" valve	DIG410A07BT	\$132.00
Controller with 1" valve	DIG410A10BT	\$136.00
Controller with 1.5" valve	DIG410A15BT	\$260.00
Controller with 2" valve	DIG410A20BT	\$300.00



#### Garden Hose Controller

Heavy duty plastic garden hose controller 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 read 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	\$45.00
Bluetooth Garden hose Controller	DIGBOHE-BT	\$55.00

# Meganets Sprinklers

## Frost Protection, Germination

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. Can be installed with 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.

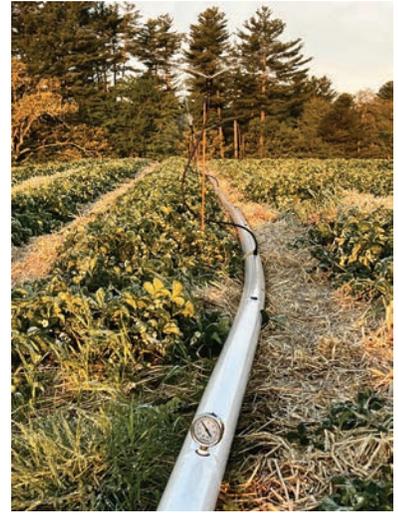


Scan for more information and specs!

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 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

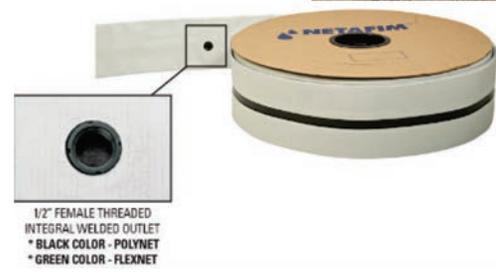


For the assemblies and Sprinkler head where the C is please use the first letter of the color (Y, G, B, R)

### 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	\$365.00
2 inch 6' holes	FN-26	\$320.00
3 inch 6' holes	FN-36	\$423.00
4 inch 6' holes	FN-46	\$475.00
1/2" Plug	FN-plug	\$0.25



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

## Overhead Irrigation

### Toro Micro-Sprinkler VI Classic

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

Punches into header hose.

16' wetting diameter

8 flow rates, at 20 PSI 9.1-65.1 gph

30" tube length, includes stake

**SAM(nozzle model).....\$4.50**



Nozzle Color	Model	GPH
Black	610	9.1
White	613	13.7
Maroon	614	19
Green	616	24.8
Blue	620	33.7
Gray	624	39
Yellow	638	41.7
Red	65.5	65.5

### 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



### Toro T-P2 Series Guns

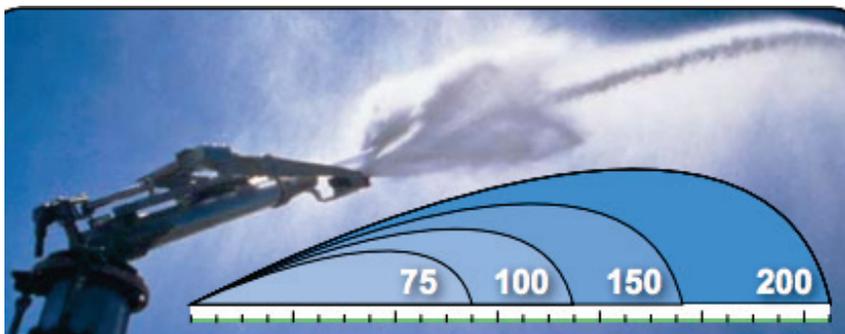
Type	GPM	PSI
T-P2S	70-267	60-115
T-P2M	131-535	70-115

Call for current pricing

### T-P2S NOZZLE PERFORMANCE DATA

Pressure (psi)	14 mm Nozzle		16 mm Nozzle		18 mm Nozzle		20 mm Nozzle		22 mm Nozzle		24 mm Nozzle	
	Radius (ft)	Flow (gpm)										
60	105	69.9	114	88.7	131	109.6	136	133.8	140	160.2	147	189.0
70	111	78.1	124	99.2	141	123.0	147	149.6	150	179.1	157	211.3
90	118	85.6	134	108.6	150	134.8	157	163.9	164	196.2	170	231.5
100	124	92.5	141	117.4	154	145.6	164	177.1	169	211.9	175	250.0
115	131	98.9	144	125.5	160	155.6	167	189.3	173	226.5	180	267.3

## 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

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

## Komet Irrigation Guns

24°



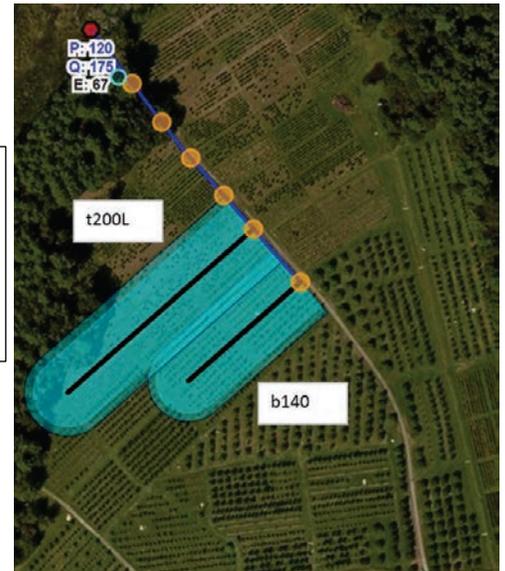
Twin Max #	GPM	PSI
101	22-268	25-110
140	62-335	30-110
160	92-538	40-130
202	137-832	40-130

Call for current pricing



## 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, Toro P2
- 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	Inner Tube Diameter x Length	Irrigated Width	Irrigated Length	Drive System	GPM Range
E110*	1.1" x 280'	58'-110'	309'-335'	Electric	3-26 GPM
B110*	1.1" x 280'	68'-110'	314'-339'	Bellows	4-27 GPM
B140*	1.4" x 350'	100'-198'	400'-449'	Bellows	18-80 GPM
E140	1.4" x 350'	82'-198'	391'-449'	Electric	13-80 GPM
T180*	1.8" x 380'	105'-221'	432'-490'	Turbine	26-120 GPM
T200S	2" x 320'	105'-238'	372'-476'	Turbine	26-148 GPM
T200L*	2" x 580'	138'-191'	634'-685'	Turbine	36-115 GPM
E200SST	2.0" x 320'	121'-198'	380'-419'	Engine	52-168 GPM
T210L	2.1" x 850'	142'-210'	921'-955'	Turbine	51-123 GPM
T230	2.3" x 720'	142'-229'	791'-834'	Turbine	51-203 GPM



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 and Pump Accessories

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. Manufactures 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.



**Rainbow Pumps** the industry's 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.

**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



**Monarch Electric pumps** cast iron construction, with stainless steel motor shaft and a no maintenance mechanical seal. Motors are designed for trouble free continuous duty pumping. 230V. Includes camlock inlet, camlock 360-degree swivel outlet, 25-foot suction with foot valve. **Pump curves available**

Pump	GPM	Price
2" 3 HP Pump	77 at 40 psi	\$2,350.00
3" 5HP Pump	128 at 40 psi	\$2,650.00

**Caprari PTO Pumps** They come fully fitted with primer and isolation valve, pressure gauge and outlet pipe connection fitting of your choice. PTO pump cart frame is triangular to prevent vibration and rotation from PTO shaft. Pump curves available. 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



### Protek Primers

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



### 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.

### Replacement Diaphragms

Item	Part Number	Price
DP 5 Diaphragms	PPDP5RD	\$55.00
DP 7 Diaphragms	PPDP7RD	\$ 70.00
DP 9 Diaphragms	PPDP9RD	\$90.00

Suction Size	Part Number	Price
2" to 3"	MBFS	\$50.00
4" to 6"	MBFL	\$97.00

## Pumps

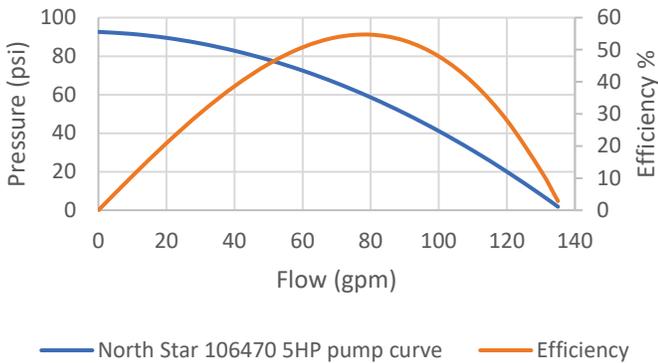


**North Star** High pressure water pumps for drip irrigation and Kifco B series water reels. These are our best selling pumps, available in two sizes 5 hp and 9 hp with reliable Honda GX engines. Pump pricing below is an assembly including; suction hose, foot valve, suction float, 360 swivel outlet and 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. Parts breakdown available. Bare pumps available

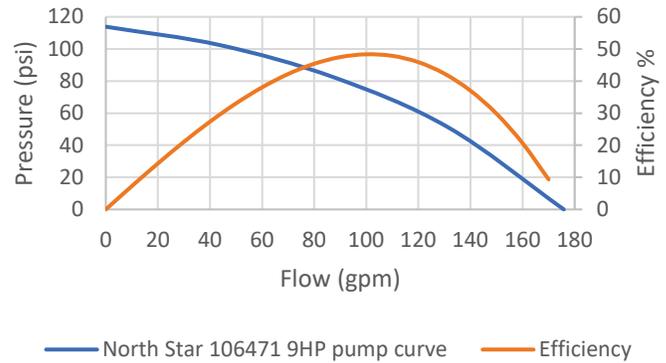
Size	HP	Flow	TDH	Price
2 inch	5	120 gpm	214'	\$ 1,500.00
3 inch	9	175 gpm	263'	\$ 1,900.00

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

North Star 106470 5HP pump curve



North Star 106471 9HP pump curve

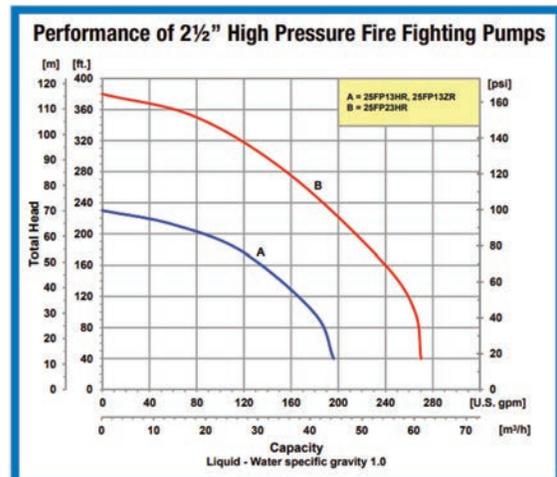
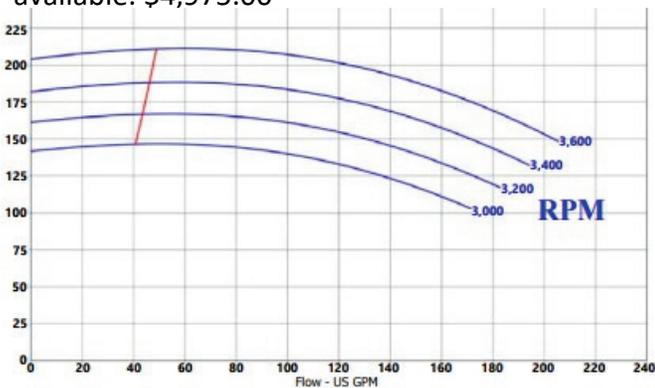


### Vanguard V Twin engine with Berkley Pump

18 HP pump ideal for meganet sprinklers, drip, B series kifco water reels. Pump pricing below is an assembly including; pressure gauge, check valve, hand primer and camlocks. Parts breakdown available. \$4,975.00



**AMT 23 HP Pump** with Honda engine. A larger pump ideal for running overhead, kifco water reels and drip. Pump pricing below is an assembly including: 10 gallon stainless fuel tank, protek hand primer and 3" camlock inlet and outlet. \$6,975.00





# 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 Lots of custom options, call to discuss and quote.

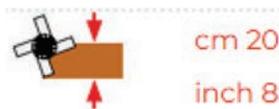
These machines process the soil and bury stones, cover crop residue, tree roots, and other debris with ease. The inverted rotation of the rotor combined with a selector rake and leveling bar cover the buried material with a fine and clean layer of soil. Stone buriers simplify the field prep for vegetable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

Model	Working Width Inch	Overall Width Inch	Horse Power
G25-130	51	59	35-60
G25-150	59	67	35-60
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

## Rear Attachment Options

There are many rear attachments for the stone burier, depending on your end goals.

- Net roller, standard on all models. Ideal for direct seeding or raised bed making
- Smooth roller, better for small direct seeding
- Integrated bed former, for 4" + raised beds
- Hydraulic roller/former interchangeable cones for bed heights.



### G25

- 3 point linkage Cat. 1
- 4 Spade blades per flange
- 8 inch tillage depth
- Requires 40-60 HP



### G35

- 3 point linkage Cat. 2
- 6 Spade blades per flange
- 10 inch tillage depth
- Requires 50-100 HP
- Opposite side transmission in oil bath
- Front dual metal face seals in oil bath on rotors
- Available in high clearance



### One Pass Tillage Combination Machine

This stone burier multi machine incorporates all applications of laying plastic in one pass. This machine provides tillage, applies fertilizer and drip tape, forms a raised bed and can lay plastic all in one pass. The stone burier action can incorporate a living cover crop into the raised bed at a determined depth for later decomposed benefit for the cash crop. This machine requires high hydraulic flow capacity and heavy weight lifting capability due to its length. Cover crops taller than a foot should be flail mowed prior to incorporation. STF plastic layer can be removed with 2 pins allowing raised beds to be formed for direct seeding or transplanting. Also available in high clearance model. Call to design a multi machine for your application and review tractor requirements.



Stone Burier Model	Plastic Layer Model	Working Width	Plastic Width
G35-130	STF-110	51	4 foot
G35-150	STF-130	59	5 foot
G35-170	STF-130	67	5 foot

### 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.

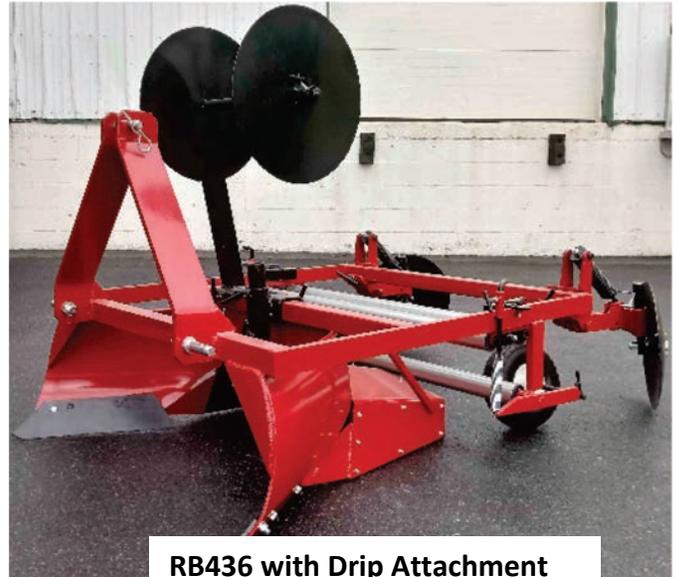


Model	Working Width Inch	Overall Width Inch	Horse Power
F61-110	43	44	30-60
F61-130	50	52	30-60
F61-150	58	60	30-60
F61-170	66	68	30-60
F81-180	70	72	40-90
F81-200	78	80	40-90
F110-230	98	100	50-100
F110-300	117	119	50-100

# 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 **\$2155.00**

**RBA1** Drip Irrigation Attachment for RB448 **\$182.00**

**RBA12** Double Drip Irrigation Attachment for RB448 **\$310.00**

**RBA4** Adjustable Row Markers for RB448 or RB436 **\$160.00**

**Model RB436** Lays 3 ft. wide plastic, Forms 4" high and 20" wide bed, Hp. Req. 25-30. Add \$100.00 for inbound freight **\$ 1570.00**

**RBA11** Drip Irrigation Attachment for RB436 **\$182.00**

**RBA121** Double Drip Irrigation Attachment for RB436 **\$310.00**

Dirt shields **standard on RB448**, Optional on RB436 **RBA2 \$88.00**

## 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 \$585.00**



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.

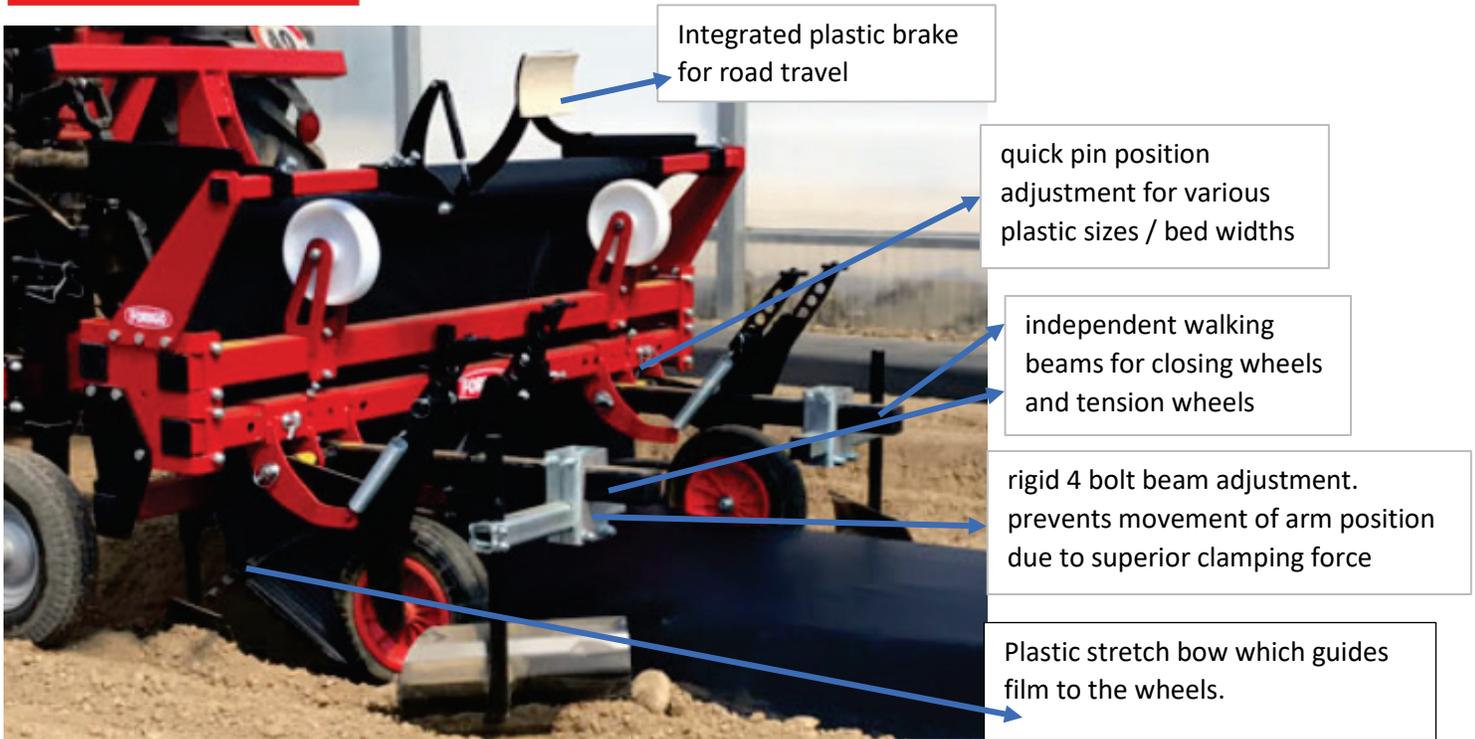
**LIFSP** Galvanized metal reusable spool for retrieval & storage of header lines, etc. Fits on 250 wrapper. **\$ 58.00**

**Model250**, stand on, removable cone and plate, good for galv. spools **\$1,440.00**

**Model251**, stand on, collapsible reel **\$1,440.00**



## Bed Forming Machine with Plastic Mulch Layer Co.Modus



### Co.Modus

Bed former and/or poly layer. The Co.Modus is a multifunctional bed forming machine that is different than what is currently offered in the market. A pair of front lateral discs direct soil into the bed forming hood that is finely adjustable for bed width, height, and side angle. All dimensions of the bed are adjustable in increments of 1.5 inches. Optional fertilizer hopper allows for precise placement of nutrients to feed the crop. The fertilizer hopper is electrically controlled with variable rate from the control box. Available with 1-3 rows of drip tape applicators per bed, drip tape travels through a square applicator tube preventing rotation of drip tape during application, keeping all stripes up. A removable poly layer attachment can also be added to this machine allowing you to lay plastic in one pass. The poly layer attaches to the bed former with 2 pins allowing it to float independently from the bed former. The tension wheels and closing discs are each on their own floating axel with independent spring tension for variable soil types. This is a unique feature not seen in the United States which allows this machine to work better with challenging terrain and topography. An optional hole dibbler can be added to the rear of the machine. Call to design plastic layer for your needs.



# 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. **\$2,950.00** 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 **\$210.00**

**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" **\$152.00**

**SUPER WHEEL for Snap-on Spikes (Order Spikes Separately) \$150.00**  
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	\$11.50	\$10.50	\$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: **\$3,200.00**  
LIF500S Shear Bolt Protected: **\$2,250.00**  
Optional Center Vine Cutting Disc: **\$180.00**

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 **\$200.00**

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



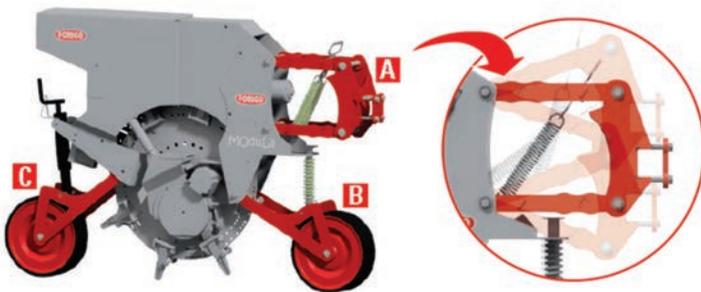
# Modula

Seed directly into plastic



## Modula

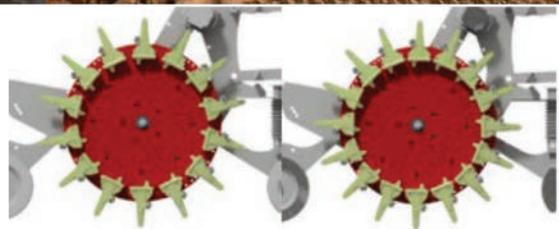
Modula is a precision vacuum seed drill that seeds directly through plastic. Its variable wheelbase allows the Modula to seed straight through plastic or biodegradable mulch, with the same flexibility of other seed drills in bare soil. The perforating cones receive the seed from the distributor and place them in the ground. The machine's movements are electronically driven, so they are free from any mechanical transmission. The seeding units are easily added or removed from the tool bar which allows you to plant multiple rows on plastic. Multiple seed distributors can be purchased for a wide variety of crops and spacing. Different vacuum plates are required for different sized seeds. The display of the Modula allows you to control and set up the system from the tractor cab. Call to build your custom machine.



**A:** The front amortized parallelogram allows the machine to adapt to the irregularity of the soil

**B:** the front wheel prepares the land, preserving the compaction of the soil

**C:** the rear adjustable wheel defines the depth of the seed and closes the hole after planting.



Number of cones	2	3	4	5	6	7	8	9	10	11	12	13	14	15
seed spacing inches	46	31	23	18.5	15	13	11.5	10	9	8	7.5	7	6.5	6



The display allows you to control and set up the system from the tractor.



# Checchi & Magli Transplanters

High quality Italian made transplanters for both bare ground and plastic. Transplant water and extra tray storage available. Contact for transplanter design questionnaire and pricing.

AUTHORIZED DEALER



C&M (Checchi & Magli)

## MODEL PLANTING CHART

C&M	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 universal gear drive axle.

## Checchi & Magli Transplanters



### 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\*\***

### Fox

- Bare ground
- Bare root or plugs
- 1-7 rows per unit
- 19.6 inches to 35.4 inches between rows
- Between Plants

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



## 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



- Digs potatoes, garlic, onions, sweet potatoes
- Single row machine
- Vibrating ploughshare conveys the potatoes into the sieve

## JM Shirk Manufacturing



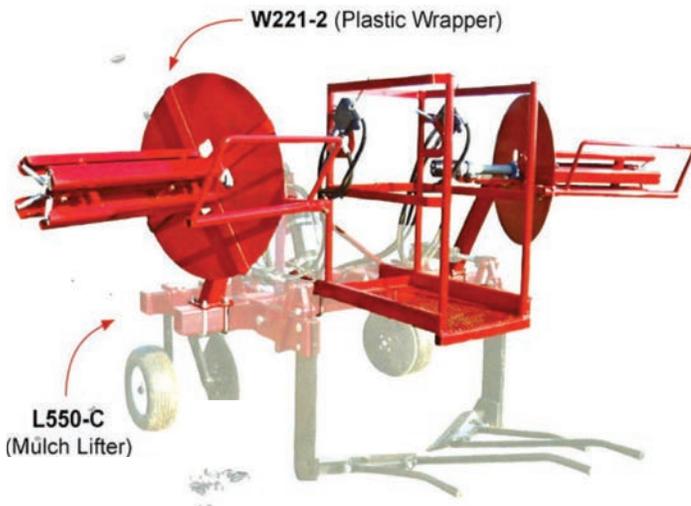
Swivel Shanks ii



- 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**, lift 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 rows. 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.



## 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's AgriSeeds mixes



## 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 53. Ideal for those who want to use the no-till attachment in addition to their regular planting. Add \$125 inbound freight, **\$3,390.00**



**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.



# Forigo Shredder/ Mowers



T18S

FT8

TL16

**FT8 Shredder is ideal for the 30-50 horse power tractors.** This shredder is great for mowing cover crop, managing field edge, and mowing between rows.

- 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



**T18S 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 Shredder/Flail Mower** is an offset mower. It is ideal for managing brook banks, stonewalls, and field edges.

- Swinging and self-leveling 3-point linkage Cat. 2
- External gearbox 540 rpm with overrun clutch, gearbox protection bracket
- Hydraulic cylinder for machine side shift
- Hydraulic cylinder for machine inclination
- Dual safety breakaway system (antishock) by springs and security hydraulic valve
- Adjustable rear roller reinforced with scraper
- Reinforced front protection flaps
- Pair of lateral adjustable skids
- Spherical roller bearings on rotor
- Belt driven transmission

Model	Working Width Inch	# Hammers	HP Required	Weight lbs
TL16-200	77	60	80-120	2315
TL16-220	85	60	80-120	2540
TL16-250	96	66	80-120	2600



## Rinieri

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

### RAS-Rotary Mower

Ideal for managing between crop row middles and fields

- 3 point hitch, Cat.1-2
- Rotary Mower with adjustable front wheels
- Adjustable rear rollers
- 3 swing away blades
- Free wheel gearbox

Model	Cutting Width	Overall Width
RAS 140	63 inches	65 inches
RAS 180	71 inches	73 inches
RAS 225	89 inches	91 inches
RAS 250	98 inches	100 inches

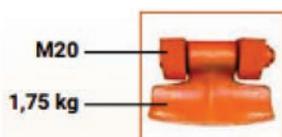


### TRX Shredder, Flail Mower

Ideal for managing between crop row middles, fields, cover crop and pruning brush

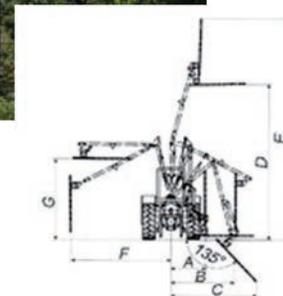
- 3 point hitch, Cat.1-2
- Hydraulic side shift
- Double body with shear teeth
- Rear Roller
- Brush Rakes
- Hammers for cutting grass, crop residue and brush up to 15 cm

Model	Cutting Width	Overall Width	# Hammers
TRX 150	59 inches	68.8 inches	12
TRX 200	78.7 inches	89 inches	16
TRX 225	89 inches	98.4 inches	18
TRX 250	98.4 inches	108.3 inches	20



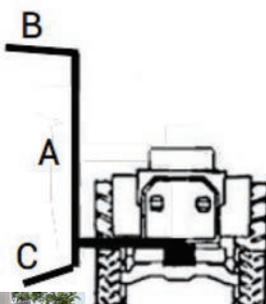
### Hedge Trimmer BRM 150 and 200

- 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"

	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"



### 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.



### 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

# 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.





# 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 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.



## Straw Mulcher

Lagasse Orchard straw mulcher is designed for small square bales. Conveyor chain feeds in the straw bales to a group of knives that cut the straw and drops it over the row. Machine is designed to mount on a trailer for easy straw loading. Placement can be on top of a crop like strawberries or between rows of plastic for weed control. Call for details and pricing.



## Alpen By Felco



ALPEN, a new brand of pruning tools born in Switzerland from Felco, to meet demanding professional requirements. Robust, durable, ergonomic, they have been designed for professional use.



**Rigi 300 Snips**  
Blade Length: 2.20 inches  
Limb Diameter: 7mm  
Japanese stainless steel  
**\$10.00**



**Gelbhorn 140 shears**  
Thermoplastic Handles  
Overall Length: 7.6 inches  
Limb Diameter: 0.70 inches  
Japanese stainless steel  
**\$20.00**



**Gelbhorn 150 shears**  
Forged Aluminum handles  
Overall Length: 8.15 inches  
Limb Diameter: 0.80 inches  
Japanese stainless steel  
**\$30.00**



**Weisshorn 260 loppers**  
Overall Length: 23.62 inches  
Limb Diameter: 1.38 inches  
Japanese stainless steel  
**\$48.00**



**Weisshorn 280 loppers**  
Overall Length: 31.5 inches  
Limb Diameter: 1.58 inches  
Japanese stainless steel  
**\$62.00**



**Pilatus 200 hedge shears**  
Overall Length: 23.62 inches  
Japanese stainless steel  
**\$50.00**



**Bernina saw**  
Blade Length: 7.67 inches  
Japanese stainless steel  
Blade locking system for storage  
**\$30.00**



**Wildhorn 32 electric pruning shears**  
Swiss-made electric pruning shears. Wildhorn 32 delivers a full day of work and includes every accessory you need stored easily in a heavy-duty carrying case. Includes 3 batteries and a 3-way charger, up to 12 hours run time.  
--Half and full opening modes  
--Toolkit included for maintenance  
--LCD screen to easily read tool & battery statistics  
**\$499.00**

3 BATTERIES & 3-WAY CHARGER INCLUDED

UP TO 12H OF AUTONOMY

TOOLKIT & 10 ACCESSORIES INCLUDED

WARRANTY 2 YEARS

32 mm / 1.26 in    940 g / 2.07 lbs (battery included)

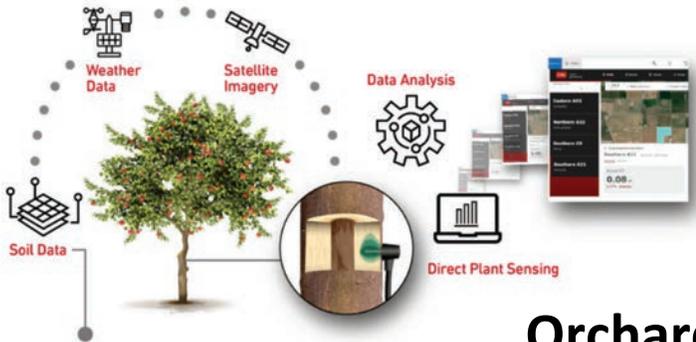
MADE IN SWITZERLAND





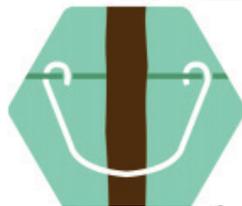
# TRANSPIRA

Transpira powered by treetoscope directly measures a plant's water consumption, providing simple, specific, and actionable information to support irrigation decisions. Transpira is easily installed in minutes using basic tools. The transpira sensor is installed directly into the truck of the tree. This sensor is then able to measure the sap flow in that tree, which provides critical insight into water use dynamics and is used to determine the crop water stress. This then allows you to make informed decisions on your irrigation schedule and needs based on what is happening in your trees. Call for more information.



## Orchard Supplies

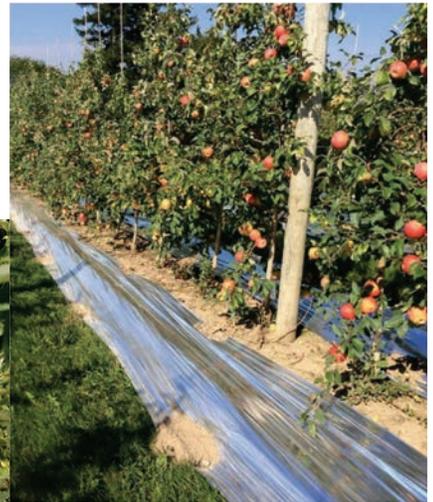
### UNIVERSAL TRELLIS CLIP



### 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	\$270.00
3" Large Hook	ETC-3	2500	\$270.00



### SUNUP Reflective Films

One-sided metalized, multi-layer films for orchard use. Designed for maximum reflectivity and puncture resistance. Helps color hard to color apple varieties.

Item	Item Number	Price
80" x 5000'	SUN805	Call
100' x 5000'	SUN105	Call

### Metalized Aluminum on black

Reflective metalized aluminum on the top helps color hard to color apple varieties.

Item	Item Number	Price
48" x 4000'	SM4841	\$220.00
60" x 4000'	SM6041	\$270.00



**520 Cultivation Tractor**

The tilmor 520 tractor can be adapted to a multitude of crops and cultural practices. The 520-cultivation tractor allows repeatable, predictable, profitable, and scale-able practices to reduce manual labor and costly downtime.

- 22HP Kubota liquid cooled diesel
- 18 inch ground clearance
- 50-78 inches (center- center) wheel adjustments



**240 Power Ox**

The Tilmor 240 power ox has a balanced and light weight design for optimal maneuverability and control. The 240 power ox’s high clearance and precise tool tracking make it the ideal two wheel tractor for cultivation.

- Honda GX120 engine
- 13.5 inch ground clearance
- 16-24 inches (center-center) wheel adjustments



**Basket Weeder & Wires**

Used for between row weeding and ideal for early season cultivation

Put the baskets together to prepare a stale seedbed

Tractor baskets can be mounted on Tilmor 520, Farmall Cubs, Kubota L245s, Allis Gs, and other tractors

Walk-behind basket weeders can be mounted on Tilmor Power Ox, BCS tractors and more.

Spyders can replace front baskets for harder, rockier soil



Budding Basket Wire Replacements

**Finger Weeders**

Used for in row cultivation; the finger weeder uproots small and just emerging weeds. The ground engaging steel drive plate turns the flexible polyurethane fingers at a faster speed to “flick” out emerging weeds at the hair stage.

9, 13, and 15 inch available.

Select from medium and hard fingers depending on growing conditions. Customize mounting options to fit your system.

**Edge of Plastic Maintenance**



## Harvest Containers

Easy to clean and sanitize—they can also fit easily on a pallet 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. Call for pallet quantity pricing.



### Red and Yellow Totes

**Capacity:** 44 lb.

**Drainage:** Vented bottom and sides

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

**Price: Red: \$19.25**

**Dimension:** 23.6" x 15.7" x 11.8"

**Yellow: \$16.00**

**Dimension:** 23.6" x 15.7" x 7.8"



### Green Harvest Tote

**Capacity:** 1.75 Bu. 80 lb

**Dimension:** 23" x 18" x 12"

**Drainage:** Vented bottom and sides

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

**Price: \$21.75**



### Utility Totes

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

**Dimension:** 19" x 19" x 10"

**Drainage:** Bottom drain holes

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

**Price: \$18.00**



### 1.25 Bushel Basket

**Capacity:** 1.25 bushel

**Dimension:** 19.2" diameter, 17" height

**Drainage:** Vented bottom and sides

**Storage:** Nests



### Gray Harvest Tote

**Capacity:** 60 lb.

**Dimension:** 24" x 16.13" x 7.25"

**Drainage:** Vented bottom and sides

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

**Price: \$14.50**



### Green Picking Basket

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

**Dimension:** 15" diameter, 13" height

**Drainage:** Vented bottom and sides

**Storage:** nesting

**Price: \$10.00**

### 1 Bushel Basket

**Storage:** Nests

**Price: \$12.00**



### Cut Flower Bucket

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

**Price: \$43.00/case**



### Red Picking Basket

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

**Dimension:** 12" diameter, 13" height

**Drainage:** Vented sides and solid bottom

**Storage:** nesting

**Price: \$8.50**



**Capacity:** 20 lbs, 12 pints

**Dimension:** 18.75" x 13.64" x 4.56"

**Drainage:** Vented sides and solid bottom

**Storage:** half turn stack to nest

**Price: \$11.75**



### 5 Gallon Bucket

White 5 gallon recycled bucket

**Price: \$4.50**

## Decade Harvest Bins

Decade Bins are constructed of high-density polyethylene (HDPE) that stands 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. 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



### MacX ACE 20 Bushel Bin

Dimensions : 48" x 40" x 31"

A one piece injected molded bin with integrated runners. 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.



### 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.



### Alto 1400 Bin

Dimensions : 45" x 51" x 49"

A one piece injected molded bin with clipped in replaceable bin runners. They are available in **solid** 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. Ideal for vineyards.

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.



### MacX Solid Bin

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

### MacX Half Height Bin

Dimensions: 48" x 40" x 18"



### MacX48 22 Bushel Bin

Dimensions : 48" x 48" x 24"

A one piece injected molded bin with clipped in replaceable bin runners. They are available in **solid** or **vented** 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.

## 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

Item	Price
Bushel	\$3.86
1/2 Bushel	\$3.60
1/2 Height Bushel	\$3.60
Peck	\$3.20
1/2 Peck	\$3.12

Pricing subject to change due to freight.

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



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

### Quarts and Pints

Container	Part Number	Qty	Case Price
Wood Quart	PWQ-500	500	\$135.00
Fiber Quart	PFQ-250	<b>297</b>	\$54.00
Fiber Pints	PFP-420	420	\$48.00
Fiber 1/2 Pints	PF5-600	<b>600</b>	\$65.50



Mesh Caps for pints or quarts. 1000 per case. Call for pricing

## 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 \$65.00 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.

## Pest Control

**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. Best to hold down with sand bags. Call for more information.

Size	Weight	Part Number	Price
6.9' x 328'	25 gram	PROI2.11-25	\$304.00
6.9' x 820'	25 gram	PROI2.25-25	\$709.00
14' x 328'	25 gram	PROI4.11-25	\$560.00
14' X 820'	25 gram	PROI4.25-25	\$1,425.00
20.6' x 328'	25 gram	PROI6.11-25	\$1,236.00
20.6' x 820'	25 gram	PROI6.25-25	\$2,975.00
6.9' x 328'	70 gram	PROI2.11-70	\$375.00
14' x 328'	70 gram	PROI4.11-70	\$819.00
20.6' x 328'	70 gram	PROI6.11-70	\$1,175.00
6.9' x 328'	47 gram	PROI2.1-47	\$465.00
14' x 328'	47 gram	PROI4.11-47	\$905.00
20.6' x 328'	47 gram	PROI6.11-47	\$1,360.00



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

**Netting Structures** call for design and pricing.

**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. 3/4" 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

### 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. **\$100.00**

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

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	✓	✓	



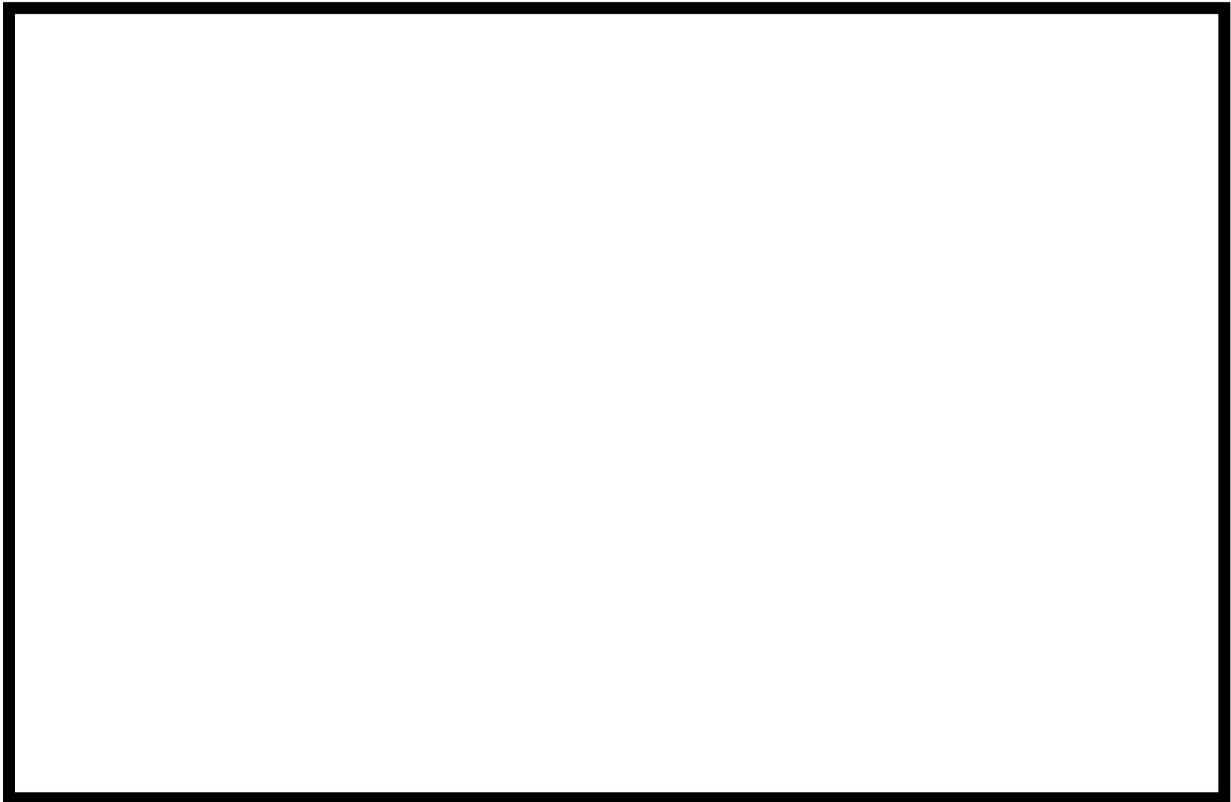


# Brookdale Fruit Farm - Irrigation System Questionnaire

## 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 [tractortv@aol.com](mailto:tractortv@aol.com). **Form is also available online at**

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

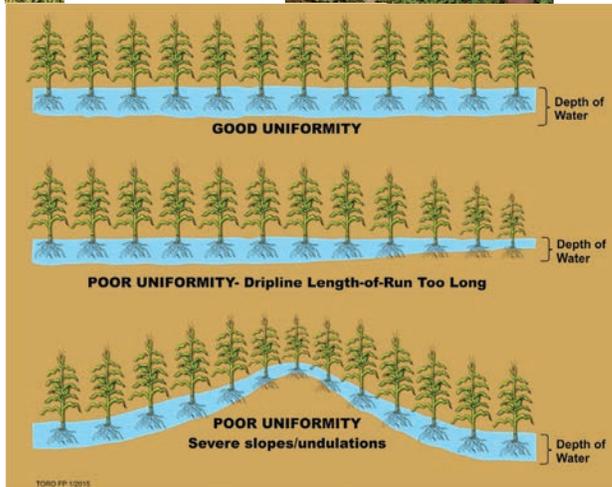
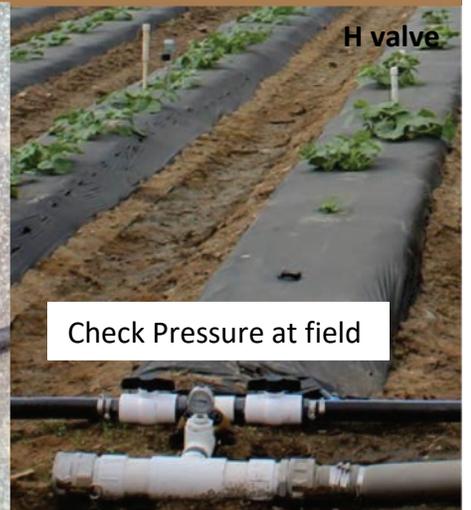
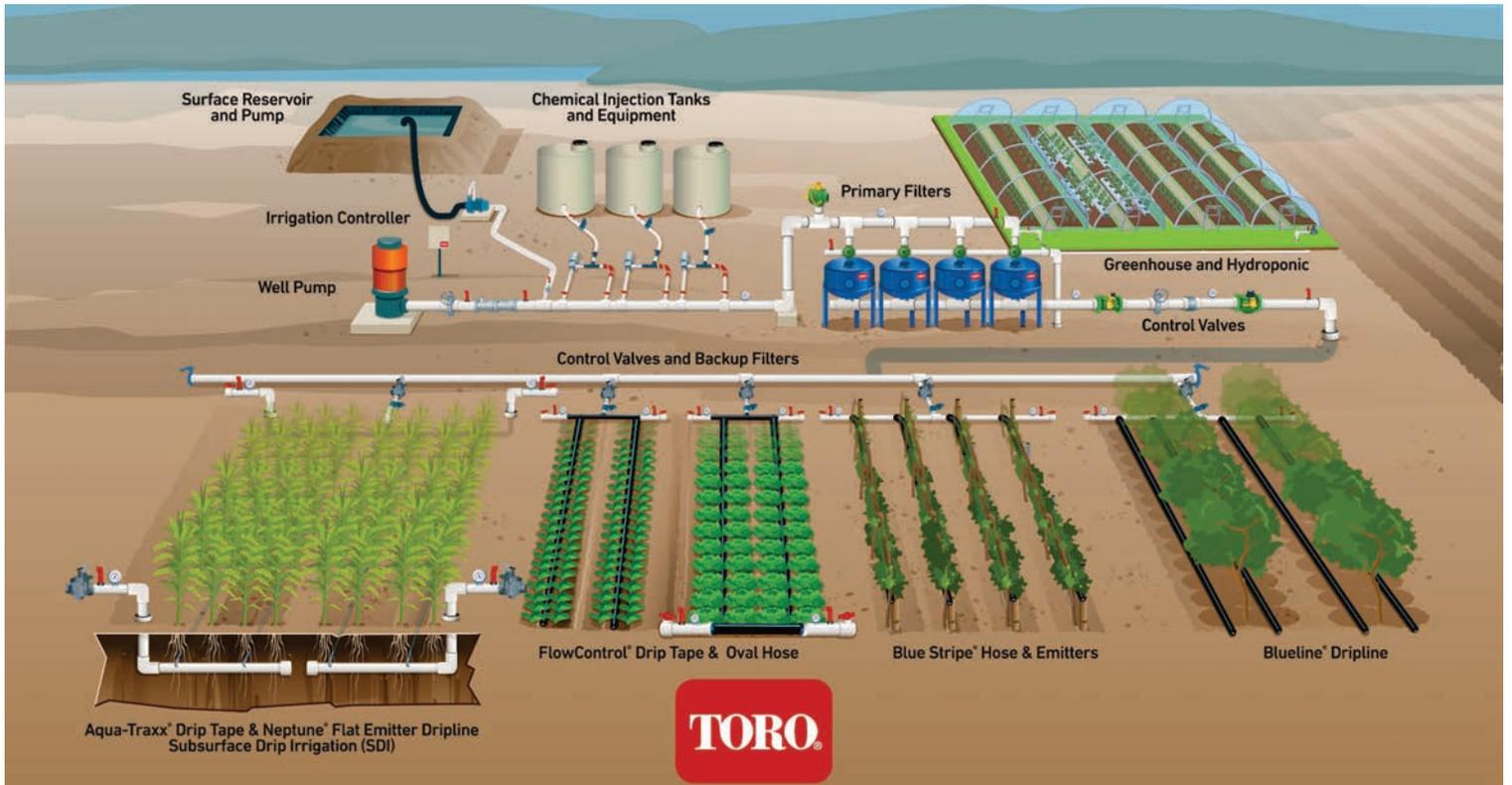
Name: \_\_\_\_\_ Farm Name: \_\_\_\_\_

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

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

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

# Typical Drip Layout



# Brookdale Farm Supplies 2024 Catalog

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

PRSR 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**  
**Monday-Friday 8:00 AM – 5:00 PM**  
**Saturday 8:00 AM-2:00 PM**

**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.

