QUALITY TOOLS AND DRIP IRRIGATION

LIMITED TIME OFFER!
15% Off ORDERS OF $100 OR MORE

USE CODE WATER20 OFFER EXPIRES 4-26-20
Discount capped at $50. See page 3 for details.
Organic Potting Soil
Simply the best for container gardening.
Excellent all-around potting soil. It contains true organic ingredients.
PSO254 1 Cu Ft $11.99
PSO253 54 Cu Ft $399

Organic Arctic Humus
Vigorous biological activity makes our Organic Arctic Humus perfect for enlivening and inoculating garden soils, composts, compost teas and potting media. Rich diversity of beneficial bacteria, fungi, and protozoa.
ISA310 2 qt $5.99
ISA315 1 Cu Ft $26.99
ISA320 54 Cu Ft $629

Organic Soil Conditioner
Use this product when your soil needs the addition of organic matter, as a mulch or as a component of homemade planting mixes.
PSO265 1 Cu Ft $9.99

Organic Compost
Tested and trusted organic compost. This high quality organic compost adds the fertility most gardens need.
F620 1 Cu Ft $7.49
F621 54 Cu Ft $329

Organic QuickRoot
A soilless germination mix. Our own specially formulated, organic blend, was originally developed for use in Speedling trays, other transplant starting trays such as Plantel trays, and 6-packs.
PSO310 1 Cu Ft $15.99
PSO311 54 Cu Ft $579
Organic Dairy Cow Manure Compost
An all-organic, weed-free soil conditioner. It is intended for use as a soil amendment to increase organic matter, improve soil texture and encourage the presence of earthworms and beneficial soil organisms.
F605  1 Cu Ft  $8.99
F604  5 Cu Ft  $349

Organic Premium Worm Castings
Nature’s finest source of plant nutrition that will not burn plants. Our dirt-free castings are 100% pure and are the ideal amendment for all soil types to revitalize depleted soil biology in your garden.
F901  2 gal  $10.99
F900  1 Cu Ft  $27.99
F907  27 Cu Ft  $379

NEW Organic Composted Chicken Manure
Weed-free and stable composted, it is a perfect amendment to increase organic matter, loosen and aerate soil, and encourage the presence of earthworms and beneficial soil organisms, while also adding essential NPK nutrition to your plants.
F451  25 lb  $7.99

NEW Organic All Purpose Pelleted
Efficient, economical and formulated with essential N-P-K. It is perfect for perennial and annual gardens for all soil types. Because the fertilizer is pelleted, it is great for amending soil prior to planting as well as a perfect top dress throughout the growing season.
F450  50 lb  $15.99

Organic Fish Fertilizer 2-3-0.5
A Liquid Fertilizer for Foliar or Soil Feeding. All-purpose, water-soluble, liquid concentrate fertilizer that can be used as a soil amendment or foliar feed.
F1345  1 Gal  $21.19
F1346  5 Gal  $84.79
F1347  55 Gal  $469

Organic Grow Fertilizer 5-1-2
Liquid Fish for Fast Growth.
A high nitrogen liquid fertilizer specially formulated for use on organic vegetables, fruit trees, etc.
F4010  1 qt  $13.79
F4011  1 Gal  $26.49
F4012  5 Gal  $104

Organic Bloom Fertilizer 0-6-0
A High Phosphorous Liquid Fertilizer. Specially formulated to encourage bloom and fruit set on vegetables, fruit trees, berries, grapes, nursery and container plants.
F4020  1 qt  $21.19
F4021  1 Gal  $42.39
F4022  5 Gal  $169

Organic All Purpose Fertilizer 3.7-2.7-3.7
Grow Happier, More Vigorous Plants.
This fertilizer is suitable for all stages of plant growth, from seedlings with their first true leaves to your established orchard or vineyard.
F4000  1 qt  $13.79
F4001  1 Gal  $26.49
F4002  5 Gal  $104

Organic Liquid Kelp
Cold-Processed Liquid Kelp. Enzymatically digested, concentrated liquid extract of California Bull Kelp. Excellent for seedlings or established plants.
F1330  1 qt  $13.79
F1331  1 Gal  $26.49
F1332  5 Gal  $104

Organic Liquid Kelp
Cold-Processed Liquid Kelp. Enzymatically digested, concentrated liquid extract of California Bull Kelp. Excellent for seedlings or established plants.
F1330  1 qt  $13.79
F1331  1 Gal  $26.49
F1332  5 Gal  $104

Organic All Purpose Fertilizer 3.7-2.7-3.7
Grow Happier, More Vigorous Plants.
This fertilizer is suitable for all stages of plant growth, from seedlings with their first true leaves to your established orchard or vineyard.
F4000  1 qt  $13.79
F4001  1 Gal  $26.49
F4002  5 Gal  $104

Organic Bloom Fertilizer 0-6-0
A High Phosphorous Liquid Fertilizer. Specially formulated to encourage bloom and fruit set on vegetables, fruit trees, berries, grapes, nursery and container plants.
F4020  1 qt  $21.19
F4021  1 Gal  $42.39
F4022  5 Gal  $169

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Grow Happier, More Vigorous Plants.
This fertilizer is suitable for all stages of plant growth, from seedlings with their first true leaves to your established orchard or vineyard.
F4000  1 qt  $13.79
F4001  1 Gal  $26.49
F4002  5 Gal  $104

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This fertilizer is suitable for all stages of plant growth, from seedlings with their first true leaves to your established orchard or vineyard.
F4000  1 qt  $13.79
F4001  1 Gal  $26.49
F4002  5 Gal  $104

NEW Organic Liquid Fertilizer Value Pack
A value pack containing quarts of our Liquid Grow, All-Purpose, and Bloom fertilizers for all stages of plant growth.
F4030  3 quarts  $34.99

Coupon code WATER20 valid online only for 15% off originally priced items. Not valid in conjunction with special pricing, or any other discount. Discount capped at $50. Not valid on Gift Cards or Early Buy Agribon. Coupon has no cash value and cannot be rewarded retroactively. Code expires on April 26, 2020 at Midnight (PDT).
**Hand Tools**

**A. Planting Hoe**
Use to make trenches for planting seeds, replanting bedding plants or establish irrigation channels and planting bulbs.
GO346 $21.99

**B. Grass Sickle**
Cuts long grass with minimum exertion.
GO710 $37.99

**C. Three Pronged Cultivator**
Great for cultivating beds and clearing out established perennial gardens.
GO370 $19.99

**D. Offset Hand Hoe**
Used in the vegetable garden for hoeing in tight spaces or as a weeding tool.
GO345 $26.99

**E. Hori Hori Stainless Steel Weeder Root Cutter**
Perfect tool to cut, scrape, or remove weeds and roots. Includes leather sheath.
GO374 $37.99

**F. Hori Hori Weeder Root Cutter**
An essential garden tool.
GO375 $32.99

**OUR TOP PICKS**
Soil Scoop
Unique trowel-like tool useful for many garden tasks! Rust resistant stainless steel with a solid birch handle. General purpose digging tool with a deep bowl-shaped head with a sharply pointed tip and serrated edges. Perfect for picking through rocky soil, removing bulbs with minimal damage, digging holes, and weeding in tight areas. 15" in length.
GO825  $26.99

Spear & Jackson
5" Trowel
From the Kew Garden Collection a mirror polished stainless steel head for rust resistance and minimal soil adhesion. Weatherproofed wood handle for greater durability. Long tang for knuckle clearance.
GO852  $16.49

NEW Zenport Transplanter
A high quality ergonomic transplanting trowel. Cushioned grip on this well balanced tool makes it appeal to both commercial and home-garden users alike. Marked and graduated for depth. Made of heavy gauge polished aluminum.
GO809  $10.59

NEW Root Slayer Trowel
Serrated sides rip through roots and difficult soil. Twine cutter on the side that doubles as a bottle opener! Tempered powder coated enamel carbon steel blade and non-latex thermoplastic grip with polypropylene core.
GO371  $18.99*

Spear & Jackson Wood Handled Transplanter
From the Kew Garden Collection a mirror polished stainless steel 5¼" head for rust resistance and minimal soil adhesion. Weatherproofed wood handle for greater durability. Long tang for knuckle clearance.
GO853  $16.49

* These products have a California Proposition 65 warning.

Toll Free (888) 784-1722   GrowOrganic.com
Weeders

A  **CobraHead Weeder & Cultivator**
The closest thing to a universal garden tool. Its blade is a steel fingernail that becomes an extension of your hand. It weeds, cultivates, scalps, edges, digs, furrows, plants, transplants, de-thatches, and harvests with ease. The comfortable and efficient handle allows easy left or right hand operation.

GO341  $26.99

B  **Angle Weeder**
Use to weed flower and vegetable beds by sawing beneath the soil and allowing the serrated blade to grab the stem or roots underground, thoroughly eliminating your weed problem. Angle weeder can also effectively weed sidewalk cracks and rocky areas by using the barbed tip.

GO360  $26.99

C  **Weeding Finger**
Sturdy premium stainless steel and American hardwood handle for years of use. Designed to effectively remove weeds from around rocks, in between deck slats, and patio paver joints. Also useful for making furrows and de-tangling roots when transplanting or dividing.

GO143  $26.99

D  **Ken-Ho Garden Weeder**
Used for centuries by farmers in Asia, this improved version of the Ken-Ho is a wonderful addition to any gardeners arsenal. Strong stainless construction minimizes rusting and bending, while enabling the hand sharpened blade to hold an edge.

GO355  $21.99*

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* These products have a California Proposition 65 warning.

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**Extendable Handle Weed Knife**
Great for weeding between pavers, pathway edges, driveways and much more! Another use is for removing debris between boards on decks. Handle extends from 28" to 49".

GO449  $27.99

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**Fiskars Uproot Weeder**
With a SIMPLE step-down & pull-back movement, the serrated, stainless steel tine grasps upstart plants and plucks them neatly from the soil, roots and all. It hangs onto them too, until you release them into a bucket. *Long-handled tool shipping applies, see page 43 for details.*

GO400  $43.99
Rakes

E  Corona Bow Head Rake
Tempered single piece head for greater durability and longer service life. Wide head for rapid working of large areas. Curved tines efficiently gather and move soil. Bow serves as spring for better control of tine depth. Total length 71½". Long-handled tool shipping applies, see page 43 for details.
GO923  $26.99

F  Spear & Jackson Stainless Steel Garden Rake
Quality rake from The Kew Gardens Collection with a stainless steel head. Mirror polished heads slip easily through the soil, resist rust, and are easy to clean. Weatherproofed ash handle, 60" long. Head has 14 teeth. Long-handled tool shipping applies, see page 43 for details.
GDS253  $54.99

G  Corona Fixed Tine Leaf Rake
Designed specifically for leaf raking and has 25 extra-wide fixed tines which apply light pressure for debris removal without damage to plant feeder roots. Its bi-curved bow gives even pressure to all tines for maximum raking efficiency. Total length 62". Long-handled tool shipping applies, see page 43 for details.
GO921  $13.99

H  Hand Rake
The Hand Rake with long tines and narrow 3½" width is the best tool for raking around rose bushes, border shrubs and perennial beds. Wooden handle fits any size hand. Total length is 19½".
GO366  $12.99

I  Expandable Leaf Rake
15 tine head can be made wide for raking leaves or narrow for cleaning out beds or borders. Handle adjusts from 31" up to 63" to fit most users.
GO451  $21.99

J  Corona Extendable Handle Rake
Adjustable handle extends to 32" for longer reach and collapses to 18" for close up work.
GO450  $10.99

FIRE SAFETY

Pulaski Root Grubbing Tool
Standard issue by the USDA (forest service). Forged tempered steel combination of ax and mattock blade make this a powerful root-cutting tool. Over length 34". Long-handled tool shipping applies, see page 43 for details.
GO960  $54.99

McLeod Fire Tool
Excellent quality fire tool identical in design to the original "McLeod." Meets U.S. Forest Service specs. Overall Length 50". Long-handled tool shipping applies, see page 43 for details.
GO925  $74.99
Glaser tools are designed in collaboration with farmers, gardeners and research institutions resulting in efficient, high quality Swiss-made gardening tools. Most hoes have replaceable blades and are sized to fit most needs. Buy one today for a lifetime of gardening enjoyment!

**Glaser 3½” Stirrup Hoe Head**
- GO201 $38.29
- GO230 Replacement Blade $19.79

**Glaser 5” Stirrup Hoe Head**
- GO206 $41.59
- GO231 Replacement Blade $19.79

**Glaser 7” Stirrup Hoe Head**
- GO209 $43.69
- GO232 Replacement Blade $20.79

**Glaser Wood Handles**
- GO225 57” $14.99
- GO325 8” $11.99

**Glaser Three-Tine Cultivator**
- GO161 $49.19

**Glaser Traditional Hoes**
- A GO240 6” x 3” Rectangular head $32.79
- A GO237 5” x 1½” Trapezoidal head $32.79
- C GO301 7” x 2” Trapezoidal head $32.79

**Glaser Colinear Hoe**
- Designed by Eliot Coleman
  - GO224 7” Colinear hoe head $32.79
- GO223 7” Replacement blade $18.59

**Glaser Four-Tine Cultivator**
- GO401 $76.49
Zenport Stainless Steel Hoe and Fork Combo
A strong solid-forged, stainless-steel Japanese Hoe on one side. Turn it over and it’s a cultivator! Terrific strength and balance will make this tool a sturdy favorite! 15” overall length.
GO381  $19.99

Triangle Hoe
Japanese-made hand tool is ideal for close cultivating, weeding and opening small bedding holes.
GO350  15½”  $26.99

Eye Hoe
Use for heaviest cultivation work. 8” blade is fully tempered with a ground edge and fits with GO151 wood handle. Long-handled tool shipping applies, see page 43 for details.
GO150  Head, 8” L x 6¼” W x 1¼” H  $22.99
GO151  Handle, 54” L  $19.99

Corona Mini Shovel
Made of strong, 16-gauge tempered steel blade with forward turned steps for firmer footing. D-grip handle helps control material being moved, and makes it easier to use in close quarters. Head is 5” wide x 8” long.
GD0610  26” L  $13.99

Hoedag
Designed over 50 years ago, the Hoedag has been an indispensable garden tool for generations of gardeners. It is the perfect digging tool, great for preparing soil, planting and weeding.
GO352  15½”  $31.99

Pick Mattock
Dig fast and efficiently, with little effort with this quality, Japanese-made tool. Widely used garden and farm tool. These are the classic digging tools that millions of small farmers and gardeners around the world use every day.
GO351  15½” L x 2” W x 9” H  $32.99
**Ship up to 5 Long-Handled Tools Together**

**Long Handled Tools**

_A Spear and Jackson Stainless Steel Shovel, Long Handle_  
From the Kew Gardens Collection comes a polished stainless steel head slip easily through the soil, resists rust and is easy to clean. Head dimension is 12” by 9”. FSC approved weatherproofed ash handles. Extra long sockets and double rivets for added strength.  
GDS265 62” $43.99*  

_B Fiskars Long Handle Digging Shovel_  
Welded steel construction. This tool makes it easy to dig into tough soil without sore knees from kneeling or back strain from bending.  
GDS501 57½” $33.99**  

_C Fiskars Garden Spade_  
Patented D-shaped handle has room for two hands and provides a stronger, more comfortable grip to reduce fatigue.  
GDS510 48” $33.99**  

_D Fiskars Digging Shovel_  
All steel construction for heavy-duty digging and durability; pre-sharpened, ready to use blade.  
GDS500 47” $33.99**  

_E NEW Root Slayer Shovel_  
A multi-purpose shovel that eliminates the need for other tools, such as saws, hatchets, spades, and pry-bars. Think of it as a shovel, root hatchet, and root saw all in one. Serrated edges to tear through roots. Made of a tempered mid-carbon steel blade, polypropylene encased carbon steel shaft, and thermo-plastic elastomer grip. Patented ergonomic handle.  
GDO700 44½” $56.99*  

_F Spear & Jackson Digging Spade_  
Will not bend or fail like cheaper pressed steel tools. Spade comes with a solid forged head, one-piece hardwood shaft.  
GDS251 43½” $64.99*  

_G Spear & Jackson Stainless Steel Digging Spade_  
From the Kew Gardens Collection comes an outstanding value in stainless steel forged tools. Polished stainless steel heads are easy to clean and rust resistant. These are perfect for ground preparation, double digging and other digging jobs.  
GDS260 39” $54.99*  

_H Forged Digging Spade_  
A quality tool for less money. Choose these tools for most digging jobs and garden preparations. 11½” by 7” carbon steel head comes mounted on an injection-molded orange poly handle.  
GDS425 40” $42.99**  

*Long-handled tool shipping applies, see page 43 for details. †These products have a California Proposition 65 warning.
Broadfork Metal Handle 4-Tines
Broadforks are excellent for breaking open compacted soils deeper than with a rototiller or a spade. This tool will deeply aerate your soil, increase water percolation, and preserve soil structure.

GDO555  $209*

**Fiskars Digging Fork**
The Ergo D-handle Steel Garden Fork offers an ergonomic design that makes mixing, turning, loosening and lifting loose materials like soil, compost or mulch easier than ever.

GDS252  $64.99*

**Spear & Jackson - Stainless Steel Digging Fork**
From the Kew Garden Collection these are perfect tools for ground preparation, double digging and other digging jobs.

GDS261  $54.99*

**Corona 5-Tine Manure Fork**
Handy tool for moving straw or compost.

GDO125  $59.99*

**Fiskars Posthole Digger**
Ideal for digging deep postholes.

GDO200  $64.99*

**Dig Rig Shovel Attachment**
Attach to a shovel, spade or digging fork to create an ergonomic wide step plate, making digging easier.

GDS700  $11.99

*Long-handled tool shipping applies, see page 43 for details.
**Pruning Extras**

**Corona Sharpening Tool**
5” super carbide file is ideal for sharpening all blades.

P0505 $10.99

**Swiss Istor Sharpener**
Two precision sharpening edges, bonded into an aluminum handle.

P0521 $17.99

**Fiskars Telescoping Tree Pruner 12’**
Extends to over 12 feet for big jobs. An integrated saw attachment allows you to tackle larger branches. No ropes to tangle, has a 230˚ rotating cutting head to get the best cutting angle and 1” cutting capacity. Unique solution to high pruning. Long-handled tool shipping applies, see page 43 for details.

PF1060 $109

**Fiskars Universal Scissors Sharpender**
Returning all of your scissors to their original condition. The only sharpener on the market that automatically adjusts to the different grinds of standard scissors.

P0523 $15.99

**Felco Lubricant Spray**
Biodegradable spray for cleaning all mechanical parts of gardening and workshop tools. Protects all types of metals permanently against corrosion. Provides an effective waterproof coating.

P0120 1.89 oz $10.29

**Felco Holster – Belt or Clip-On**
Made from heavy-duty quality grain leather, with waxed thread and extra riveting for strength and durability. Holster threads through your belt or clips onto your pocket and will hold just about any style of hand pruner.

P0110 $9.99

**Felco Pruner Replacement Parts**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF650</td>
<td>Replacement Blade for Felco 2</td>
<td>$12.99</td>
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<tr>
<td>PF651</td>
<td>Replacement Blade for Felco 7 &amp; 8</td>
<td>$12.99</td>
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<tr>
<td>PF652</td>
<td>Replacement Blade Felco 9 &amp; 10</td>
<td>$12.99</td>
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<tr>
<td>PF653</td>
<td>Replacement Blade for Felco 6 &amp; 12</td>
<td>$11.99</td>
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<tr>
<td>PF655</td>
<td>Repair Kit for Felco 7, 8, 9, 10, 13, 19, 8CC, 50 &amp; 51</td>
<td>$9.99</td>
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<tr>
<td>PF660</td>
<td>Replacement Spring for All Felco Pruners (except 6)</td>
<td>$1.99</td>
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<tr>
<td>PF662</td>
<td>Felco Thumb Catch Kit For 2, 6, 7, 8, 12 &amp; 13</td>
<td>$1.49</td>
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<tr>
<td>PF2-15</td>
<td>Felco Catch Plate for 2 &amp; 6, 7, 8, 9, 10 &amp; 11</td>
<td>$1.39</td>
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</tbody>
</table>

**Felco Clip-On Sheath**
Made from heavy-duty quality grain leather, with waxed thread and extra riveting for strength and durability. Sheath has a high-tension metal clip and can be quickly attached to belt or pocket. Tapered to fit Felco-style pruners.

P0105 $7.99

**NEW Zenport Universal Tool Pouch**
Constructed of durable nylon. Universal design fits hand pruners and folding saws. Easy to carry using metal clip or belt loops. Front pocket for sharpener storage.

P0116 $10.59

**Zenport Pruner Replacement Parts**

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<tr>
<td>PZ650</td>
<td>Replacement Cutting Blade for Zenport 2 &amp; 11</td>
<td>$8.79</td>
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<tr>
<td>PZ651</td>
<td>Replacement Cutting Blade for Zenport 7 &amp; 8</td>
<td>$8.79</td>
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<tr>
<td>PZ652</td>
<td>Replacement Cutting Blade for Zenport 6 &amp; 12</td>
<td>$8.79</td>
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<tr>
<td>PZ655</td>
<td>Thumb Catch Repair Kit for Zenport 2, 6, 7, 8, 11 and 12</td>
<td>$7.69</td>
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<tr>
<td>PZ660</td>
<td>Replacement Springs for Zenport 2, 7, 8 &amp; 11 (Pack of 2)</td>
<td>$3.29</td>
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<tr>
<td>PZ661</td>
<td>Replacement Springs for Zenport 6 &amp;12 (Pack of 2)</td>
<td>$3.29</td>
</tr>
<tr>
<td>PZ653</td>
<td>Replacement Blade for Zenport 6 &amp; 12</td>
<td>$9.99</td>
</tr>
<tr>
<td>PZ655</td>
<td>Repair Kit for Zenport 7, 8, 9, 10, 13 and 19</td>
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</tbody>
</table>

**Zenport 6-in-1 Multi Sharpener**
8” long tungsten carbide sharpener. Unique design allows the user to sharpen the entire blade of pruners and scissors.

P0522 $13.49

**Zenport Pruner Replacement Parts**

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<td>PZ660</td>
<td>Replacement Springs for Zenport 2, 7, 8 &amp; 11 (Pack of 2)</td>
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<tr>
<td>PZ661</td>
<td>Replacement Springs for Zenport 6 &amp;12 (Pack of 2)</td>
<td>$3.29</td>
</tr>
</tbody>
</table>
Pruning

Hand Tools

A  Corona Long Straight Snips
Especially designed for grape thinning, horticultural uses, bonsai or crop harvesting. Very handy for many uses.
PC010  $10.99

B  Corona ¾” Original (Bypass) Pruner
Corona’s well known Original Pruner, but redesigned to achieve 35% more efficient cutting action. Cuts up to ¾” diameter branches.
PC020  $25.99

Felco Pruners
Sharp, durable, sturdy, adjustable tools that are easy to repair and maintain. Both cut up to 1” diameter branches.
C  PF001  No.2  $51.99
D  PF007  No.7  $65.99

E  Zenport Forged Euro Style Pruner
The industry standard pruner. The most recommended pruner design in the world. Cuts up to 1” diameter branches.
PZ001  8½”  $32.99

F  Zenport Red Euro Bypass Pruner
The reduced size of this professional pruner fits smaller hands and a smaller budget! Cuts up to ¾” diameter branches.
PZ014  7”  $16.49

Tips and Tricks

Materials

Fiskars Copper Micro-Tip® Pruning Snip
Makes deadheading, trimming and shaping plants easy.
PF1041  Pack Of 2  $26.99

NEW Zenport Lightweight Pruner
The perfect choice for cutting floral wire, screens, stems, zip ties, banding straps, packaging, cardboard and much more. The shear is spring loaded to help minimize hand strain.
PZ260  7”  $15.99

Videos and Articles Available Online

growOrganic.com/organic-gardening

• Article Pruning 101
**Felco No. 6**
Designed for people with smaller hands, comfortable, lightweight (8 ounces) and as sturdy and powerful as other Felcos. Shorter blade facilitates closer cutting on vines, shrubs, young trees and floral arrangements. 0.8" diameter cutting capacity.
PF006 $47.99

**Fiskars Powergear® Bypass Pruner**
Hardened steel blade with nonstick coating. Features rotating lower handle that rolls with your hand as you cut, to reduce friction and relieve hand fatigue. Very popular with professional gardeners. ¾" diameter cutting capacity.
PF1030 $32.99

**Zenport Deluxe Ratchet Pruner**
Perfect tool for pruning shrubs and vines. Ratcheting action makes cutting easy. Finger guard for better grip with easy, smooth anvil cutting action. Precise thin blade with a 1" diameter cutting capacity.
PZ200 $15.49

**Felco No. 8 & No. 9**
Ergonomically redesigned with many refinements over the original No. 2. Grip is convex instead of concave with deeper indentations for the thumb and forefinger. The blades are narrower and pointed to allow close pruning. They are angled to be an extension of the forearm, giving direct access to the cut. 1" diameter cutting capacity.
PF008 No. 8, Right Handed $49.99
PF009 No. 9, Left Handed $49.99

**Corona ComfortGEL Bypass Pruner ¾"**
ComfortGEL soft, ergonomically shaped grips for maximum comfort, fit and control. ¾" diameter cutting capacity.
PC026 $15.49
Zenport Euro Style Ergonomic Pruner #8
The Zenport #8 bypass pruner is an ergonomic re-design of the original Zenport #2 pruner. Super strong and light alloy handles are shaped to act as an extension of the hand and forearm. 1” diameter cutting capacity. 
PZ008 $32.99

Zenport Euro Style Rotating Handle Pruner #7
This professional pruner has a rotating handle that revolves on its axis, allowing the fingers to move naturally, reducing the blisters and hand fatigue that so often accompany prolonged pruning work. 1” diameter cutting capacity. 
PZ007 $36.99

Zenport Euro Style Classic Pruner #11
Superbly balanced, this bypass pruner offers a large cutting capacity. Narrow pointed anvil blade allows easy access to twiggy branches, up to 1” diameter cutting capacity, and assures a close cut to the trunk. 
PZ011 $32.99

Zenport Euro Style Small Hand/Rotating Handle Pruner
Has a rotating cutting blade handle, which helps prevent or reduce blisters and muscle fatigue that results from prolonged pruning. Identical to the Zenport #6, except for a handle similar to the Zenport #7. This top-of-the-line Zenport pruner is for smaller hands. 0.8” diameter cutting capacity. 
PZ012 $36.99

Hydrofarm Lightweight Bypass Pruner
These bypass pruners have an ergonomic design, so they’re lightweight and comfortable to use. With their heavy-duty wedged Japanese surgical stainless steel blades, they are ideal for cutting through tough branches, stalks, and shrubs with ease. Slim, comfort-grip handles. 
PH1000 $10.99
Loppers

Corona ComfortGEL® Bypass Lopper 30”
Exceptionally comfortable pruning tool! Resilient ComfortGEL® handles help reduce hand and arm fatigue. By Pass Lopper has steel handles, soft, ergonomically-shaped grips, non-stick blade and shock-guard bumpers 1½” diameter cutting capacity.
PC126 $27.99

Corona Easy Cut Anvil Lopper 32”
The Corona Easy Cut Anvil Lopper cuts with compound action and will cut branches up to 1½”. Resharpenable, PTFE non-stick coated high-carbon steel anvil blade.
PC124 $34.99

Corona Two-Handled Pruner 11¼”
Lightweight, two-handed operation for easier cutting. Resharpenable, forged, high-carbon steel bypass blade and hook. ¾” diameter cutting capacity.
PC205 $31.99

Corona Hi-Performance Orchard Lopper 36”
Lightweight, high strength elliptical aluminum handles. Resharpenable and replaceable Dual Arc™ bypass blades are fully heat treated forged steel. 2¼” diameter cutting capacity.
PC100 $68.99

Corona Hi-Performance Orchard Lopper
Heavy-duty loppers with their unmatched blade design which dramatically reduces the force required for cuts. 2¼” diameter cutting capacity.
PC110 26” $62.99
PC105 32” $64.99
Fiskars Power-Lever® Extendable Lopper
Features compound lever technology that multiplies your leverage to give you up to two times more cutting power than traditional single-pivot loppers. It also includes extendable handles. A fully hardened, precision-ground steel blade stays sharp, and a rust-resistant, low-friction coating makes every cut even easier. 1¾” diameter cutting capacity.
PF1016  $31.99

Felco Lopper 24”
Two-handed shear with bypass pruning action. Screw-mounted counter blade for easy replacement. Toothed nut for easy adjustment of cutting head. Tool adjustment key included. Phthalate-free non-slip handle grips. All parts replaceable.
PF016  $89.99

Fiskars PowerGear® Bypass Lopper 32”
PowerGear® patented gear technology multiplies leverage to give you up to three times more cutting power on every cut. Powers through thick branches that traditional loppers and pruners can’t. 2” diameter cutting capacity.
PF1020  $49.99

Zenport Pro Vine & Tree Lopper
This lopper is the tool of choice for professional agriculture and landscape crews nationwide. This shear is amazingly lightweight for the strength of the tool. 1¼” diameter cutting capacity.
PZ015  20”  $53.99
PZ016  32”  $74.99
PZ017  Replacement Blade  $16.49

Fiskars Shear Ease™ Grass Shears
These shears cut cleanly and won’t jam or stick on tough grass due to a patent-pending mechanism.
PF1040  $21.99

Zenport Hoof and Floral Trimming Shear
Perfect tool for trimming animal hooves. Also works great for floral applications.
PZ1047  $13.49

Fiskars Powergear® Hedge Shears
Sharp, precision 10” blades are made of hardened steel with a nonstick coating. Lightweight, durable Nyglass® handles.
PF1035  $43.99

Shears 12”
So many uses such as hedging, harvesting lettuce, and topping off garlic and onions before flowering.
PJ510  $16.49

Corona ComfortGEL Hedge 9” Shear
Specially coated, non-stick blades helps maintain maximum sharpness. Resilient ComfortGEL handles help reduce hand and arm fatigue.
PC351  $27.99

Toll Free (888) 784-1722   GrowOrganic.com
Saws

Corona 7” Folding Razor Tooth Saw
Use this saw for small to medium branches. 3-sided razor teeth cut twice as fast as conventional saws.
PC305  5” blade  $23.99

Samurai – Ichiban Pruning Saw
This sheathed curved blade saw features an exclusive variable tooth design that yields a consistent resistance through the entire curvature of the cutting blade. 13” saw blade.
PJ705  13” blade  $52.99

Samurai – Challenge Pruning Saw
PJ700  8¼” blade  $42.99

NEW Zenport Root Pruning Saw
Handles just about any small cutting job easily and safely. The high-carbon steel blade cuts with both a push and a pull. Ergonomic handle. A flared end keeps your hand from slipping toward the blade.
GO379  $15.89

Zenport 130mm/5” Folding Saw
Top quality saw for rapid cutting of branches. 5” tri-edge, straight blade, folding pruning saw. Japanese style blade is designed to cut on the pull stroke. Folded length 6½”.
PZ105  5” blade  $21.99

Zenport Nylon Holster for Pruners & Folding Saws
This pruner sheath can be attached with the belt clip or you can use the belt loop. Most popular sheath due to its durability and price. All Zenport hand pruners fit into this sheath.
PO115  $7.69
Silky Zubat Prof Pruning Saw

The new Zubat Professional utilizes a unique dual roller entry system on the scabbard with a newly designed handle to create an unmatched locking feature which keeps the saw firmly in the scabbard. For any pruning work or to tackle large branches.

PJ125 13” blade $97.99

Silky 210 Gomboy Folding Saw

These popular saws have a synthetic rubber curved grip that is a pleasure to hold and 8.3” blade with 9 super-sharp teeth per inch, which give a smooth, clean, easy cut.

PJ120 8.3” blade $54.99
PJ121 Replacement Blade $43.99

Opinel Folding Pruning Saw No. 18

With its 7¾” blade designed with sharp teeth like knives, cutting is clean, even and effortless. It is the ideal tool for sawing all branches with a diameter of up to 5¾ inches (12 cm). 14” overall length. Made in France.

PO241 7¾” blade $54.99
PO242 Replacement blade $19.99

Opinel Folding Pruning Saw Knife No. 12

Great saw to take camping or for small pruning jobs in the orchard. Lightweight saw at only 3.6 oz. Stainless steel blade with two rows of teeth that will cut branches up to 4 inches. 14” overall length. Made in France.

PO240 5” blade $34.99

Taylor Digital Max/Min Thermometer

Indoor/outdoor digital thermometer stores data for easy reference. LCD display turns off to save battery life. Measures -40° to 120°F. Accurate +/- 1.8°F. Operates (for thermometer body) in -40°F to 120°F. Selectable °C or °F. Uses AA battery.

TM520 8½” L x 3½” W x 1¼” H $43.69

Taylor Wireless Digital Indoor/Outdoor Thermometer Hygrometer

The wireless remote sensor transmits up to 200 feet for indoor temperature ranges of 32° to 122°F (0° to 50°C) and outdoor ranges of -4° to 140°F (-20° to 60°C.) Daily min/max recall and trend indicators for temperature and humidity. Humidity range is 20% to 95%. Calendar and alarm clock features included.

TM517 $21.89

Min-Max Thermometer with Push Button

Small floats are pushed to each temperature extreme by the two columns and stay there until reset with the attached magnet or by pushing the red button on the front. Dual scales of -50° to 50°C and -60° to 120°F.

TM705 7¾” x 2½” x ¾” $23.99

Max-Min Thermometer

Small floats are pushed to each temperature extreme by the two columns and stay there until reset with the attached magnet. Dual scales of -50° to 50°C and -60° to 120°F.

TM700 11” x 2½” x 1” $29.99

Taylor Jumbo Rain Gauge and Thermometer

Made with clear, high impact plastic construction for outdoor durability. Bold, easy-to-read measurement increments. Accuracy from -40°F to 120°F. Large readout rain gauge measures up to 5” of rain. Unique rain gauge memory track. Can stand up to 4 feet high. Mounting bracket is included for easy installation for use in garden, lawn, or farm.

TM503 15½” H x 1¼” W $12.99

Toll Free (888) 784-1722 GrowOrganic.com
Zenport Clad Moon Weeding Sickle
Great for weeding in tight spaces. The twist shank weeding sickle features a high carbon steel blade, forged and heat treated to hardness.
GO715 11¼" $10.99

Grass Sickle
Lightweight Japanese sickle can be used with minimum exertion to cut long grass. 8" blade is made of high quality laminated steel that is razor sharp. Hardwood handle is ferruled to the blade.
GO710 15" $37.99

Fiskars Brush Axe
Works like a hatchet and a machete – curved blade is perfect for cutting through brush or small branches. Hardened steel blade with nonstick coating cuts with less effort. Insert-molded blade will never get loose on the handle. Comes with a sheath for safe storage.
GO760 22" $33.99

Brush Sickle
Make short work of clearing light brush, brambles and vines with this 6" hand-forged laminated steel blade. Light and razor sharp. Take care when using it. Oak handle is ferruled to the blade.
GO700 17" $54.99

Zenport Brush Sickle
The Zenport brush clearing sickle is designed for heavy duty clearing of tough vines, weeds, undergrowth and small saplings. Razor sharp 9-inch carbon steel straight edge hooked blade provides powerful cuts on stems, stalks and branches. Also makes a great knife for harvesting a variety of fruits, berries, and vegetables.
GO701 23½" $21.99

Corona Machete
Has an 18" tempered steel blade that extends through the handle, heat treated to achieve maximum blade flexibility. Polished and varnished surface. Co-molded handle with anti-slip material. We strongly suggest purchasing the optional scabbard for safety.
GO730 Machete 28½" $10.99
GO735 Scabbard $10.99

Scythe – Hardwood Snath
High quality English Style scythe hardwood snath Attach different size of blades (sold separately) depending on the job. Snath is made of river-bottom wood which is ideal for forming into shape. Cut grass, brush or weeds.
GO740 $87.99
Wheel Hoes

GLASER WHEEL HOES
Exceptionally light and maneuverable with rust-protected steel hardware and galvanized tubular steel handles for strength without weight. Built with a low center of gravity, gives outstanding lateral control, stability in stubborn soils, and direct transfer of power from you to the cutting attachments. Adjustable to accommodate your individual body size.

Glaser Professional Wheel Hoe
Professional model is similar in most respects to the Standard, but has wider coverage because its heavy-duty chassis is set up to handle two-jointed oscillating knives (knives and attachments are sold separately).

- GCU210 $369
- GCU310 Replacement Tire $21.89

Glaser Standard Wheel Hoe
This tool may quickly become indispensable for your farm or garden! Many users say it quickly becomes their most used tool.

- GCU200 $269
- GCU308 Replacement Tube $19.79

GLASER WHEEL HOE ATTACHMENTS
The oscillating knife (stirrup hoe) attachment for the wheel hoes are purchased separately. For one-pass weeding, choose the size that is 1” less than the space between plants. On the Professional model, two offset oscillating knives can be used for wide aisles or two aisles at once.

A  For Standard or Professional Models:
- GCU250 5” Oscillating Knife $81.99
- GCU260 7” Oscillating Knife $87.39
- GCU268 8” Oscillating Knife $92.89
- GCU277 10” Oscillating Knife $98.29

B  For Professional Model Only
(2 attachment points):
- GCU283 12” Oscillating Knife $149

Replacement Blades for Oscillating Knife:
- GCU251 5” Replacement Blade $19.79
- GCU261 7” Replacement Blade $21.89
- GCU269 8” Replacement Blade $22.99
- GCU279 10” Replacement Blade $28.39
- GCU284 12” Replacement Blade $32.79

Replacement Oscillation Block
- GCU399 43.69

Hexagon Socket Screw for Oscillation Block
- GCU396 $2.79

Glaser Wheel Hoes – 10” Goose-Foot Chevron Replacement Blade
Excellent for hoeing between mature plants like lettuce, cabbages, and turnips where an oscillating knife’s edges would damage the edges of your plants. The chevron is designed to prevent the hilling of soil.

- GCU291 $38.29

Three Tine Cultivator
For breaking crust, loosening and aerating the soil, particularly at greater depths than a knife.

- GCU300 $109

Glaser Wheel Hoes - 8” Goose-Foot Arrow Replacement Blade
Replacement blade for GCU295. Excellent for hoeing between mature plants like lettuce, cabbages, and turnips where an oscillating knife’s edges would damage the edges of your plants. The chevron is designed to prevent the hilling of soil.

- GCU296 $43.69

GCU399 43.69

Hexagon Socket Screw for Oscillation Block
- GCU396 $2.79

Glaser Wheel Hoes – 10” Goose-Foot Chevron Replacement Blade
Excellent for hoeing between mature plants like lettuce, cabbages, and turnips where an oscillating knife’s edges would damage the edges of your plants. The chevron is designed to prevent the hilling of soil.

- GCU291 $38.29

Hiller / Furrower
The Hiller/Furrower Attachment creates furrows and grooves. It is designed to be used in well prepared soil. Powder coated for rust protection.

- GCU305 $109

Toll Free (888) 784-1722 GrowOrganic.com

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Our Best Seller!  **BCS 853 Professional Honda 13 hp Engine**

Powered by a 13 HP Honda engine with 3 forward and 3 reverse speeds, this top-of-the-line model also features a differential drive. This provides “turn-on-a-dime” maneuverability and is a virtual must if you want to mow around individual trees and/or get close to things. Transport Speed 8.3 mph. Rear tine tiller box not included.

GT853TU  13.0 hp  $4,349
GT853ETU  13.0 hp Electric Start  $4,729

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**BCS 710 7 HP Kohler - Tractor Unit Only**

Speeds: 2 Forward, 2 Reverse. Can be used with the 30” Sickle Bar Mower Attachment, 40” Sickle Bar Mower Attachment, 18” Rear Tiller Attachment and 20” Rear Tiller Attachment. Equipped with a 7.0 HP Kohler Engine. Features Double Cone Clutch, all gear with straight-axle drive. Can accommodate both rear and front mount attachments. Has a 290 rpm tine speed with Ring & Pinion Gear tine drive. Wheels are a 4” x 8” standard size. Handles adjust side to side and up and down instantly. The unit has a 18” tilling width and 8” tilling depth. Includes a Reverse Tiller Lockout and Planar Wedge.

GT710TU  $1,799

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**BCS 712 Gardener Honda 8.0 hp Engine**

Speeds: 1 Forward, 1 Reverse. Use a 20”or 26” tiller. The 712’s compactness and large 16” diameter tires make it both stable and easy to handle. Featuring a slow tilling speed of 0.6 mph, the tines rotate 20 times per revolution of the wheel. It’s great for the tough jobs. The single mowing speed of 1.4 mph is appropriate for either the 30” or 40” sickle bar mower. The 712 features a geared reverse speed; a separate control to turn your implement on and off, independently of the wheels; and anti-vibe handlebars that instantly adjust both vertically and side-to-side. Tiller Box Sold Separately.

GT7128TU  8.0 hp  $2,446

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**BCS 718 Harvester Honda 6.5 hp Engine**

Speeds: 2 Forward, 2 Reverse, plus 6.8 mph Transport Speed. This model has an enhanced handlebar system that provides more vertical height settings, added anti-vibration, and improves shifting. The 718 has two attachments. As an 18” tiller, the 718 features both low gear for seedbed preparation and second gear for cultivating. The 718 features a geared reverse drive; as well as “instant reverse” for faster engagement. Tiller Box Sold Separately.

GT718TU  6.5 hp  $2,279

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**BCS 722 Harvester Plus Honda 8.0 hp Engine**

Same as BCS 718 with an 8.0 hp engine. Accommodates 20” or 26” tiller.

GT722TU  8.0 hp  $2,729
GT722ETU  Electric Start 8.0 hp  $3,019
PowerSafe Models

BCS 739, BCS 749 and BCS 750
All three driven by Honda engines. BCS739 has 11 hp, BCS749 and BCS750 have 13 hp engines. All have 3 Speeds Forward and 3 Reverse. All equipped with a hydraulic clutch. BCS750 will accommodate a 33” tiller! Requires removal of transmission weights for all front end attachments. Tiller Box Sold Separately.

GT739TU  BCS739  11 hp  $3,629
GT749TU  BCS749  13 hp  $4,449
GT749ETU  BSC749  13 hp electric start  $4,829
GT750TU  BCS750  13 hp  $4,919

BCS 853 Professional Honda 13 hp Engine
Speeds: 3 forward, 3 reverse, plus 8.3 mph Transport Speed. Differential drive and a 13 HP Honda engine provide this model with both power and “turn-on-a-dime” maneuverability. As a tiler, it features both low gear for seedbed preparation and second gear for cultivating. In first, the tines rotate 20 times per revolution of the wheel. In second, the tines rotate 10 times per revolution of the wheel, which eliminates weeds and creates a dirt mulch, without over-pulverizing the soil. For large-scale gardeners, the 26” tiller will speed the process of seedbed preparation. It can then be narrowed to 20”, in order to cultivate between rows. Similarly, the 30” tiller can be narrowed to 26”.

The 732 features a differential lockout to provide positive traction on demand; an easy-to-engage, shuttle-type reverse; a separate control to turn your implement on-and-off, independently of the wheels; and anti-vibe handlebars that instantly adjust both vertically and side-to-side. Tiller Box Sold Separately.

GT732TU  9.5 hp Kohler Engine  $2,919
GT732ETU  11 hp Electric Start Honda Engine  $3,629

BCS TINE ATTACHMENTS AND ACCESSORIES
Except for the BCS710, tine attachments are not included with the tractor’s price and must be ordered separately. Use this chart to determine which accessories can be added to each model. *Special Order items (not in stock).

<table>
<thead>
<tr>
<th>BCS Tiller Attachments</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Brushmower 26”</td>
<td>GT185</td>
<td>$1,119</td>
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<tr>
<td>*Dozer blade 36”</td>
<td>GT145</td>
<td>$529</td>
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<tr>
<td>*Chipper Shredder</td>
<td>GT125</td>
<td>$1,729</td>
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<tr>
<td>*Flail mower 24”</td>
<td>GT102</td>
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<tr>
<td>*Flail mower 30”</td>
<td>GT101</td>
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<tr>
<td>*Flail mower 35”</td>
<td>GT103</td>
<td>$2,349</td>
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<tr>
<td>*Lawn mower w/ catcher 22”</td>
<td>GT120</td>
<td>$849</td>
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<tr>
<td>*Power sweeper 40”</td>
<td>GT146</td>
<td>$1,889</td>
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<tr>
<td>*Power Harrow</td>
<td>GT177</td>
<td>$2,599</td>
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<tr>
<td>Rear tine tiller 18” box</td>
<td>GT18TA</td>
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<td>Rear tine tiller 20” box</td>
<td>GT20TA</td>
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<td>$719</td>
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<td>Rear tine tiller 30” box</td>
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<td>$759</td>
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<tr>
<td>Rear tine tiller 33” box</td>
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<td>$1,279</td>
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<tr>
<td>*Rotary Plow</td>
<td>GT178</td>
<td>$1,549</td>
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<tr>
<td>*Sickle bar mower 30”</td>
<td>GT108</td>
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<tr>
<td>*Sickle bar mower 40”</td>
<td>GT106</td>
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<tr>
<td>*Sickle bar mower 45”</td>
<td>GT104</td>
<td>$1,349</td>
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<tr>
<td>*Sickle bar 53” oil bath</td>
<td>GT180</td>
<td>$1,495</td>
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<tr>
<td>*Snow thrower/blower 24”</td>
<td>GT175</td>
<td>$969</td>
</tr>
<tr>
<td>*Snow thrower/blower 28”</td>
<td>GT110</td>
<td>$1,019</td>
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<table>
<thead>
<tr>
<th>BCS Accessories</th>
<th>Part #</th>
<th>Price</th>
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<tr>
<td>Quick hitch</td>
<td>GT156</td>
<td>$259</td>
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<tr>
<td>Hiller/Furrower</td>
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<tr>
<td>Utility Trailer</td>
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<tr>
<td>Male tang for quick coupler</td>
<td>GT157</td>
<td>$85.99</td>
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<tr>
<td>Bushing for quick coupler</td>
<td>GT158</td>
<td>$80.99</td>
</tr>
</tbody>
</table>

*Special Order items (not in stock).
Mythos™ Greenhouse
The Mythos™ Hobby Greenhouse can get you up and growing in no time! Save money by starting your plants early from seed and extend your season by protecting plants from fall frosts. The clear, polycarbonate twin-wall panels on the Mythos™ greenhouse have twice the heat retention of single layer panels so it’s great for overwintering those pampered patio pots.

SEG710 6' W x 10' L $808 (Pictured)
SEG715 6' W x 14' L 1,298

Twin Shelf Kit for Mythos™
Hanging system saves floor space. Includes 2 shelf parts, brackets and fixing screws. Clamps to aluminum frame inside the greenhouse. Can be easily re-positioned for changing seasons or crops. 49¼" long x 10¼" wide. Each shelf holds up to 44 pounds.
SEG711 $68.98

Anchor Kit for Mythos™
Proper anchoring is the ultimate way to prevent your greenhouse from becoming damaged from unstable weather. The anchoring system offers the most effective, lightweight and economical solution to anchor your Mythos™ greenhouse. If properly installed with the anchor kit, the greenhouse should withstand winds up to 55 mph.
SEG712 $97.98

Automatic Vent Opener
This ingenious temperature-sensitive device automatically opens and closes lids, windows and skylights, requires no batteries or electricity. It can be adjusted to start opening between 60-77°F. Fully open at 86-90°F. Fully closed at 55°F.
SEF110 Opener $38.29
SEF115 Gigavent $139
SEF111 Replacement Cylinder – Standard $19.79
SEF116 Replacement Cylinder – Gigavent $76.49

SunClear® Greenhouse Anti-Condensation Coating
Stop dripping in your flexible or rigid plastic or glass greenhouses, tunnels and other plastic structures. As much as 50% more sunlight is transmitted through the SunClear® treated plastic or glass.
SEG210 1 pint $32.79

VariShade-2 Greenhouse Shading Coating
Inside or outside any plastic or glass structure, you can help control the amount of solar light and heat. This unique shading can be sprayed, roller-coated, dipped or brushed onto glass or any plastic.
SEG215 1 quart $21.89
Garden Carts

Wooden Garden Cart
Our garden carts, with their wide wheel bases, put the weight right over the extra-strength ¾” axle so that the cart, rather than your body, does the work.

GCA110  Medium, 23” W x 41” L x 12” D  $399
GCA100  Large, 31” W x 47” L x 16” D  $519
GCA114  Medium Replacement Wheel, 20”  $74.19
GCA104  Large Replacement Wheel, 26”  $95.39

Juwel All Season Coldframe
Double use for this coldframe: use in autumn and winter AND from early spring until autumn, thanks to the netting that protects the spring/summer crops. Extend your planting season with this beautifully constructed coldframe that can handle over a foot of snow!

SEF106  49¾” W, 22¾” D, height at back 17”, height at front 12”  $189

Juwel Easy Fix Coldframes
Rapid assembly of the cold frame with the new corner elements and their rounded fittings with matching apertures in the doule skon panels and secure with corner clamps.

A SEF104  15” high at the center peak, 11.7” high at either front, 47” L x 39” D  $149
B SEF101  39.3” W x 23.6” D x 15.7/11.8” H  $119

Solar Bells
Solar Bells are durable, reusable, and made from UV stabilized recycled plastic. Use to protect early summer plantings from late spring frosts. Conserve sunlight during the day and keep plants warm during the night.

SEF200  Pack of 3  $21.89

Toll Free (888) 784-1722   GrowOrganic.com
Harvest Tools

**Pole Fruit Picker**
This handy tool will allow you to pick those juicy peaches off your tree without climbing a ladder! Total length 96”.

GLA910 $25.19*

* Long-handled tool shipping applies, see page 43 for details.

**Zenport Blueberry Pail Picking Harness**
Harvest all manner of precious fruits with both hands. Heavy duty nylon straps are comfortable and allow full range of motion that handles loads without tearing, and resists water, mold, mildew, and abrasion. Pail Sold Separately, see page 29 for Galvanized Steel Pails.

GO675 $13.49

**Clip ‘N Pick Fruit Picker**
Harvest of difficult fruits and nuts. There are two replaceable razor blades affixed to the top of the boat shape net bag which are angled. When you pull back on the pole they catch and slice through the stem of the fruit then falls into the mesh bag.

GLA914 Replacement Blades, pack of 4 $7.69
GLA915 Head $37.99
GLA916 Handle $37.99*

**Professional Picking Bags**
Extra heavy-duty nylon is quality stitched and brass riveted throughout. Quick release trigger snaps allow fast unloading without the problems associated with rope straps. Come in assorted colors (3 per bag.) View available colors online.

GLA900 $54.59

**Fiskars® Kangaroo Gardening Containers**
These pop-up designs hold themselves open, freeing your hands. Durable, vinyl coated polyester construction is tear and mildew resistant and lightweight. 30 gallon has a hardshell bottom.

GO624 10 Gal $15.99
GO625 30 Gal $33.99

**Aluminum Orchard Ladder**
We feel strongly about carrying only the highest quality ladders. The “Super Duty” is the top of the line tripod orchard ladder! Wide base and flared design promote safe use and stability by forcing the climber to the center of the ladder as they go higher. Must ship on a freight truck.

GLA240 14’ H $339
GLA230 12’ H $309
GLA220 10’ H $249
GLA210 8’ H $209
Telescopic Fruit Harvester
Professional telescopic fruit pickers feature a soft TPR grip aluminum handle with safety lock and pole that extends to 6-feet allowing you to easily pick and reach fruit. Six foot extends from 44", 56", to 72" fully extended. Ten foot extends from 70", 88", to 112" fully extended. Long-handled tool shipping applies, see page 43 for details.

GLA930  6 ft  $76.49
GLA935  10 ft  $81.99

Slate Garden Stakes 12” (Above)
Stake your claim with natural slate garden stakes! A fun, attractive and unique way to label plants, flowers, herbs, spices and vegetables in your garden.

GP590  5 pack, 2” W x 12” H  $21.76

M Brace® Pack of 4
Tight at home in veggie gardens and the perfect complement for patios and decks. Stack any 2” wood into the patented brace to create the raised bed that is just right for your needs. The Mezzo is about 10” tall and will make a raised bed about 12–13”, depending on the wood you choose. As always, made in the USA, from recycled metal! Sold in sets of four. *Does NOT include wood.

GP1550  Sun  $65.49
GP1551  Dragonfly  $65.49

Bucket Grips
A durable snap-over bucket grip for five-gallon buckets. It easily snaps over the existing handle or wire bail to give the carrier a more comfortable ergonomic grip.

GO2000  $2.99

Fiskars Kneeling Pad Green
Bigger is better. An indispensable tool for making gardening less painful. Protect your knees from rough terrain while gardening. Foam cushion won’t absorb water or moisture. 18”L x 11”W x ¾”H.

GO137  Plain green  $7.99
GO138  Blue with design  $7.99

Earth Edge Kneeling Pad 15” x 20”
Knee saver! Made of heavy duty NBR rubber, built in handle, easy to carry and store. Washable, resists industrial chemicals, grease and oil.

GO132  9¾”L x 15”W x 1¼”H  $14.99

Ultraflex III Knee Pads
Hard plastic outer shell is extremely strong and comes with a ¼” thick foam inner pad that encloses the knee for comfort.

GO133  $39.99

Zero Gravity Knee Pads™
Durable enough for use on hard paving surfaces and softer lawn and garden soils and mulches.

GO131  $18.99
Harvest Baskets

A Garden Hod Harvest Basket
Originally used by New England clam diggers to hold and rinse their catch. This heirloom quality basket is designed for harvesting and washing your fruits and vegetables though its uses are limitless Made of hard and soft woods and durable green vinyl covered mesh. Harvest and wash your veggies with the same basket. Overall height (including handle) is 10½”.
GO645  18¾" L x 10¼" W x 6" D  $64.99

B Metal Harvest Basket
Our Best Seller! Galvanized wire mesh design allows you to wash and drain vegetables directly in the basket. Comes with a comfortable, removable wooden carry handle.
GO650  18½" L x 10½" W x 6¼" H  $43.99

C Roo Gardening Apron
The Roo is perfect in assisting you with harvesting your vegetables, pulling weeds or collecting anything that needs to be put away. The cylinder pocket chute allows you to deposit your collection without messy fallout. Just unhook the rope on each side to open the bottom and dump out your load! Adjustable cotton straps fit any size in comfort and are designed to fit over the shoulders rather than around the neck to provide all day comfort.
GO682  Green  $31.99
GO680  Gray  $31.99
GO681  Purple  $31.99
NEW GO684  Red  $31.99
Tough Flexible Rubberized Black Buckets
100% recycled polyethylene, these tough black tubs are flexible and versatile.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>GO600 6.6 Gallons</td>
<td>$11.99</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>GO605 10.5 Gallons</td>
<td>$14.99</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>GO610 14.5 Gallons</td>
<td>$22.99</td>
<td></td>
</tr>
</tbody>
</table>

Gray Plastic Colander
Useful for washing out fresh picked veggies from the garden.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>GO6120 3.7 Gallons</td>
<td>$21.99</td>
<td></td>
</tr>
</tbody>
</table>

Shallow Plastic Green Tub
Made of food grade certified plastic. Very durable for many different jobs around the house.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>GO6110 4 Gallons</td>
<td>$16.99</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>GO6115 9.2 Gallons</td>
<td>$29.99</td>
<td></td>
</tr>
</tbody>
</table>

Plastic Green Tub
Made of food grade certified plastic.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>GO6100 6.9 Gallons</td>
<td>$18.99</td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>GO6105 10 Gallons</td>
<td>$21.99</td>
<td></td>
</tr>
</tbody>
</table>

Wooden Baskets
These baskets are biodegradable and can be used for growing, collecting or displaying your crops.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Handle</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>GO630 1 Handle, ½ Bushel</td>
<td>$16.99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>GO635 2 Handles, 1 Bushel</td>
<td>$13.99</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Galvanized Steel Pails

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>GO6029 2 quarts</td>
<td>$7.99</td>
<td></td>
</tr>
<tr>
<td>O</td>
<td>GO6035 5 quarts</td>
<td>$9.99</td>
<td></td>
</tr>
</tbody>
</table>

Colander Garden Trug
Sturdy green plastic trug is easy to clean, rot-proof and light to carry. Perfect for gathering fruit, vegetables and flowers. Drainage holes at one end allow you to rinse fruits and veggies outside – or in the kitchen sink.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>GO656 21¼&quot; L x 12¼&quot; H</td>
<td>$12.99</td>
<td></td>
</tr>
</tbody>
</table>
Zenport Thread/Floral Clipper
Perfect for fine clipping, including taking cuttings, removing dead foliage, etc.
PZ301 $5.59

**NEW** Zenport Curved Blade Snips
Ideal for flower trimming, dead heading and harvest applications. Trim in the most crowded situations. Soft grips fit any hand, reduce fatigue, and can be used by lefties.
PF1056 $13.79

Fiskars Ultimate Multipurpose Scissors
High-quality blades provide excellent cutting performance. Ergonomically sculpted finger and thumb loops provide excellent comfort and control.
PF1048 $15.99

**Corona** Floral Scissors
Stainless steel sharpenable blades are serrated for easy, clean cuts. Ergonomic handle has molded comfort grips.
PC005 $10.99

Zenport Ergonomic Bent Handle Harvest Scissors
Long, slim, carbon-steel blades are razor sharp and make it possible to harvest fruit and flowers in even the most crowded situations.
PF1042 $14.49

Chikamasa Snips
Great tool for fine trimming, pruning or bonsai enthusiasts. Stainless steel rivet resists rust and frictional wear, keeping blades sharp and working smoothly. Handle is made of elastomer and is designed to provide stress-free natural movement of hands and fingers. Straight Blade (PF1052) is pictured.
PF1052 Straight Blade $24.99
PF1053 Slanted Blade $24.99
PF1054 Curved Blade $24.99

Zenport Red & White Garden Craft Scissors
6½” carbon steel scissors that are designed for seasons of rigorous use.
PZ300 $10.99

Japanese Thinning Shears
Economical snips especially designed for grape thinning, horticultural uses, bonsai, or crop harvesting.
PJ600 $16.49
PJ601 Replacement spring $2.29

**Corona** Long Straight Snips
Economical snips especially designed for grape thinning, horticultural uses, bonsai, or crop harvesting.
PC010 $10.99
PC49005 Replacement spring $1.19

Zenport Hoof and Floral Trimming Shear
Perfect tool for trimming dairy goat hooves alpaca nails, and for cutting thick floral stems making them ideal for a variety of uses by farmers, florists and home gardeners. Also works great for floral applications. Twin blade shears are sharp enough to cut a coin in half.
PZ1047 $13.49

Fiskars Softouch® Micro-Tip Pruning Snips
These top-selling snips feature micro-tip blades with spring action handles to give you top-of-the-line precision and control.
PF1045 $12.99
PF1041 Pack of 2 $26.99

Zenport Stainless Micro Trimmer
Features extended twin blades for precision cutting branches, stems, leaves, or fine pruning and trimming.
PZ1046 Curved $11.99
PZ1045 Straight $10.99

Hydrofarm Lightweight Bypass Pruner
A lightweight, comfortable, and ergonomically designed pruner. The heavy-duty wedged Japanese surgical stainless steel blades, are ideal for cutting through tough branches, stalks, and shrubs with ease. Slim, comfort-grip handles.
PH1000 $10.99

Hydrofarm Precision Curved Pruning Snips with Holster
Curved blade tips give you even more maneuverability in tight places among delicate flowers and stems.
PH1010 $16.99

Hydrofarm Precision Pruning Snips
These are the classic Hydrofarm pruners, favored by thousands of horticulturists. They feature razor-sharp stainless steel blades, perfectly balanced construction and a lightweight, ergonomic design.
PH1005 $14.99
Harvesting Knives

A  Zenport Stainless Steel Lettuce Knife
This top selling knife is used primarily for lettuce harvest. Blade is 7¼" long.
PK231  $9.99

B  Zenport Seed Potato Knife
Seed Potato Knife with stainless steel blade and plastic handle. Makes cutting your seed potatoes easier.
PK240  $3.89

C  Zenport Mushroom Knife
Used primarily for fruit processing applications, especially mushrooms. 2¾" stainless steel blade.
PK241  $4.49

D  Opinel Folding Knife Carbon Steel
High quality folding knife. Made in France. Victoria and Albert Museum consecrated the Opinel knife one of the 100 best designed objects in the world. Always dry and grease blade after use to prevent rusting.
PK100  2¼" Blade  $13.99
PK102  3¼" Blade  $14.99
PK105  3¾" Blade  $16.99 (Pictured)
PK110  3⅜" Blade  $17.99
Zenport ¼” Girdling Knife
Use for girdling to accomplish two primary goals, namely to increase fruit size and earliness of harvest. Forged stainless steel blade with a wood handle.
PK252 $18.59

Zenport Stainless Steel Grape Hook
Used for harvesting grapes, melons, cucumbers, and squashes.
PK226 $3.29

Zenport Stainless Steel Grape Knife
Straight, stainless blade with no serration for harvesting grapes and other crops.
PK221 $3.89

Opinel Folding Harvest Knife Stainless Steel No.10
The ideal tool for grape-picking, shrub pruning or cutting ties. Made in France.
PK120 No.10 $25.99

Opinel Folding Harvest Knife Stainless Steel No. 8
With its curved blade beveled on both sides the Opinel No. 8 harvest/pruning knife an ideal tool with many uses.
PK119 No.8 $22.99
Grafting & Propagating

Buddy Grafting Tape (pictured)
GP735  1" W x 180'/60 yard Roll  $43.69

Budding & Grafting Tape
GP731  ¾" W x 180'/60 yard Roll  $25.19

A  Japanese Grafting Knife
Features Hardwood handle and a locking device. Manufactured in the traditional Japanese manner.
PK400  4" blade  $43.69

B  Victorinox Budding & Grafting Knife
Tool for budding and grafting from Felco.
PK960  2¼" blade  $13.99

C  Zenport 6½" Grafting/Pruning Knife
For budding and grafting.
PK253  3" blade  $10.99

D  Root Riot Cubes
The spongy texture retains an ideal air to water ratio for healthy, rapid root growth. Suitable for both propagating cuttings and starting seeds. Fully biodegradable. Made from natural materials.
GP031  100 per bag  $31.79

E  Seed Starting Tray 98 Cells
Rigid design allows these flats to be used without a carrying tray. 98 square cells (1¼” square x 2” deep) per sheet.
GP030  tray 98 cells  $4.19

F  Clonex Rooting Solution
Use in combination with Clonex Rooting Gel to encourage root development and minimize stress.
GP887  Concentrate, 1 quart  $30.69

G  Clonex Rooting Gel
A rooting compound that remains in contact with the stem, sealing the cut tissue and supplying the hormones needed to promote root cell development and vitamins to protect the delicate new root tissue.
GP886  100 mL  $27.39

Rootstock Gel
Use on a variety of soft-stem and semi-hard woodcuttings. Contains a matrix of naturally occurring rooting elements; kelp meal, soybean meal and sulfate of potash. Does not contain any environmentally harsh rooting agents, acids or synthetics. Not for use on food crops. Refrigeration helps to keep this mold in check.
GP883  4½ oz  $31.19

Perlite
Used in potting soils and propagation beds to loosen soil and prevent compaction, this volcanic rock product breaks down fairly slowly and so maintains soil structure and drainage. Use for plant propagation or as an addition to your growing mix. ⅛–⅜” granules. Enhances drainage and aeration which reduces root rot.
PS0150  4 Cu Ft  $21.99

Trowbridge’s Grafting Wax
GP753  4 oz jar  $9.99
GP754  7 oz jar  $16.49

Perlite
Used in potting soils and propagation beds to loosen soil and prevent compaction, this volcanic rock product breaks down fairly slowly and so maintains soil structure and drainage. Use for plant propagation or as an addition to your growing mix. ⅛–⅜” granules. Enhances drainage and aeration which reduces root rot.
PS0150  4 Cu Ft  $21.99
**Oasis RootCubes®**
Engineered hydrophilic foam specifically designed for optimal callus and rapid root development. This cutting propagation medium was designed specifically with the perfect balance of air and water to encourage plant growth and get unrooted cuttings off to a strong start.
GP600  Box of 100, 1¾” sq x 1½” H  $21.19

**Zenport Grafting Tool – Omega Style**
This tool allows you to quickly create omega style grafts. Even a novice can create perfect grafts with ease.
PK250  $38.99
PK251  Replacement Blade  $6.59

**Watering Can**
5½” tall metal watering can. Comes in either green or orange. We pick the color for you — both are beautiful!
WWC305  $10.99

**Butterfly Net**
9” diameter.
DP605  $8.79

**Hand Tools Set**
Trowel, shovel and rake, 8½” long.
GO830  $9.99

**Rooter Pots**
Air layering is an effective method of propagation, you can easily and quickly produce large new plants from prized specimens.
GP150  Baby Rooter Pots, 3¼” Dia. x 4” D  $4.49
GP155  Large Rooter Pots, 5” Dia. x 6¼” D  $8.79 (Pictured)

**Children’s ZooHands® Gloves**
Go106  Tiger Size 3-6  $8.79
Go107  Tiger Size 7-12  $8.79
Go104  Zebra Size 3-6  $8.79
Go105  Zebra Size 7-12  $8.79
Go111  Alligator Size 3-6  $8.79
Go113  Alligator Size 7-12  $8.79

**Children’s Rubber Gloves With Mesh Backs**
GC54  XS, ages 9-11  $7.69
Seeders

NEW Chapin Garden Seeder
Take the back strain out of garden planting. Designed with a durable powder-coated steel frame, poly seed hopper, 6 interchangeable seed plates that accommodate 20 seed types and a wide rear wheel that replaces and pats the soil, the seeder plows and places the seeds at the appropriate intervals without jamming. Also featuring an adjustable row marker you can set and follow for the correct spacing of the next row. In properly cultivated soil, the seeder easily plows, plants covers and pats the soil over with each pass.
GSE600  $119

Landware Pro Seeder
Allows for sowing one seed at a time by vacuum. Simply squeeze the green knob which will hold the seed until the knob is released over the seed flat. Very easy to use, it comes with several different sized needle tips for use with different sized seeds.
GSE500  $21.89

Seed Sower
Inexpensive little hand seeder with an adjustable outlet that lets you control the flow and size of seeds. See-through cover removes easily for loading seeds.
GSE900  $4.19

Earthway Seeder
Precision seeder that eliminates the laborious task of stooping to hand plant vegetable and flower seeds. In one simple operation, this seeder will open the soil, space and plant the seed, cover the seed, pack the soil and even mark the next row!
GSE100  $136

Fertilizer Attachment
Use this fertilizer attachment with the Earthway Seeder for side-dressing plants with pelleted or granulated fertilizer.
GSE120  $84.76

Earthway Seeder – Seed Plate Storage Case
Use this case with the Earthway Seeder. Holds up to 10 seed plates. Made with durable weather-resistant fabric.
GSE1100A  $21.76

Earthway Seeder Plates
Comes with 5 plates for brassicas, cucurbits, lima and fava beans, popcorn and lightly spaced carrots and lettuce seeds.
GSE110 Pack of 5  $35.96

Earthway Seeder Plates
Comes with 6 plates for carrot, bean, corn, pea, radish and beet seeds.
GSE111 Pack of 6  $40.26
**NEW Chapin Hand Crank Spreader**
This hand crank spreader is durable and adjustable for seed, fertilizer, and salt/ice melt applications. The easy-crank, scoop design is lightweight, easy to use and maintain. Ideal for small areas where a larger spreader can’t go.

GSP510  $15.89

**NEW Chapin Bag Seeder**
Great for small areas or hard to reach places where a push spreader or tow-behind can’t go. Featuring a heavy-duty, waterproof, zipper-top bag, the Bag Seeder is compatible with a variety of seeds and granular fertilizers. An enclosed gear box for protection from the elements, an adjustable shoulder strap and a convenient application chart (located on the bottom of the spreader) make this spreader easy to use.

GSP505  $45.59

**NEW Chapin Chest Mounted Spreader**
Comfortable to wear and easy to use. Features an enclosed hopper that keeps the product dry and holds up to 680 cubic inches of seed, fertilizer, and more. Set the gate adjustment for the direction of spread pattern and use the side baffle to easily control the spread width. The trigger-controlled gate opening allows you to spread a variety of different sized materials easily.

GSP515  $95.39

**NEW Chapin Residential Turf Spreader**
This 80lb spreader boasts a rugged powder coated steel frame, u-shaped handle and ergonomically-designed bail system, side baffle, adjustable gate lever for ease of use with seed or fertilizer and enclosed gears to withstand the elements. These spreaders are packed with features that set them apart from the rest. 10-inch pneumatic tires for stability over uneven terrain.

GSP500  $149

**YOU MIGHT ALSO BE INTERESTED IN**

**Bulb Auger**
The bulb auger is designed for ordinary household drills. Although the primary purpose of a bulb auger is for bulb planting, there are a wide variety of uses for garden augers. You can: dig holes for vegetable or flower planting, drill pilot holes for easier installation of tree or grade stakes, deep root water, aerate or liquid fertilize trees, and turn and aerate compost piles.

GB012  $9.99

**Dirt Snatcher Bulb Planter**
The Dirt Snatcher is a handy tool for planting flower bulbs or putting in vegetable transplants into the garden.

GB014  $19.99

**Wooden Dibbler**
Very handy planting tool for transplanting starts or planting seeds. Mirror polished heads slip easily through the soil, resist rust and are easy to clean.

GB059  $21.99

**Chrome Hand Bulb Planter**
If you have a well-prepared bulb bed and want to keep costs down, this hand planter will do the job for you. Timber saw teeth cut into the soil. Chrome plated finish.

GB012  $9.99
Sprayers

Solo 406-US Economy Sprayer
This is a full-featured sprayer in an economical package for home gardeners. Ideal for general purpose spraying, gardening applications and pest control — AND — it can be used to spray wood deck cleaners, as well as algae and mildew removers.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSD2406</td>
<td>2 Gallons</td>
<td>$21.89</td>
</tr>
<tr>
<td>GSD2448</td>
<td>Replacement Wand</td>
<td>$24.09</td>
</tr>
</tbody>
</table>

Solo Chameleon Hose End Mixer/ Sprayer
Conveniently fertilize directly from your hose. A mixer and sprayer all in one. Three spray patterns: flat fan, shower or stream.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>WMX505</td>
<td>32 oz</td>
<td>$13.99</td>
</tr>
</tbody>
</table>

Solo Handheld Sprayer
Lightweight and versatile, these sprayers are perfect for general, at-home spraying both indoors and out, weed control, gardening, auto and marine, livestock applications and more. All offer many of the same features as our larger, professional sprayers.

A | MODEL | CAPACITY | PRICE  |
<table>
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<tr>
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<tbody>
<tr>
<td>GSD4181</td>
<td>1 Liter</td>
<td>$16.49</td>
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</table>

B | MODEL | CAPACITY | PRICE  |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>GSD4202</td>
<td>2 Liter</td>
<td>$21.89</td>
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</table>

Solo 430-3G Sprayer
Compression sprayer with ergonomic features for easy carrying, easy filling, and easy pumping. 28” spray wand comes standard with 4 nozzle options (fan, hollow cone, plastic adjustable and jet stream).

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSD4303</td>
<td>3 Gallons</td>
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<tr>
<td>GSD2448</td>
<td>Replacement Wand</td>
<td>$24.09</td>
</tr>
</tbody>
</table>

NEW Chapin Vinegar Sprayer
Designed for organic weed control. On top of vinegar-resistant seals tested specifically for use with horticultural vinegar, it offers features found on professional sprayers including a durable poly tank, shut-off with filter and in-tank SureSpray® Anti-Clog filter to prevent clogging in the tank and at the nozzle, folding carry handle, and pressure relief valve.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>GSD6005</td>
<td>2 Gallons</td>
<td>$50.89</td>
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</table>

NEW Chapin ProSeries Sprayer
Easy filling, cleaning. This sprayer features the SureSpray Anti-Clog filter, poly wand, cushion grip poly shut-off, adjustable brass and poly cone nozzles and ergonomic handle for easy carrying.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
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</thead>
<tbody>
<tr>
<td>GSD6020</td>
<td>2 Gallons</td>
<td>$52.99</td>
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</table>

NEW Chapin ProSeries Backpack Sprayer
Ideal for the professional landscaper as well as the homeowner. Comes with a 3 piece nozzle kit. The diaphragm pump works well with wettable powders. The battery operated sprayer features a 24-volt Lithium Ion battery with a battery charger for 2 hours of continuous spraying.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>GSD6010</td>
<td>Piston Pump, 4 Gallons</td>
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</tr>
<tr>
<td>GSD6015</td>
<td>Diaphragm Pump, 4 Gallons</td>
<td>$109</td>
</tr>
<tr>
<td>GSD6000</td>
<td>Battery Operated 4 Gallons</td>
<td>$219</td>
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</tbody>
</table>

NEW Chapin Vinegar Backpack Sprayer
Perfect for organic weed control. Its tough seals are vinegar-resistant, tested specifically for use with horticultural vinegar. It features 2 nozzles for a variety of applications.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSD6006</td>
<td>4 Gallons</td>
<td>$90.09</td>
</tr>
</tbody>
</table>
Vented Safety Glasses
Scratch and fog resistant safety glasses.
The Magid Gemstone Onyx Y85 protective, foam-lined, fog-resistant safety glasses series feature a removable foam lining in a matte black nylon frame with adjustable bayonet temples and gray anti-fog polycarbonate lenses.

GSD1005  $16.49

Pesticide Respirator U.S. Safety Model 300
We highly recommend the use of a respirator when spraying or dusting. The N95 particulate filter shipped with this respirator mask is approved for use with organic vapors, pesticides, paints, lacquers, enamels and dusts. The filter has a 95% efficiency level.

GSD901  $32.79
GSD906  Replacement cartridges N95, Pack of 2  $19.79

Vented Safety Glasses
These goggles simply will not fog or scratch. Glasses have 4 adjustable temple settings for comfort and proper fit.

GSD1010  $8.79

Disposable Respirators
Pre-molded respirators have reinforced ribs to help maintain the shape and face seal and come with adjustable head straps. Use in dusty work environments, such as when spreading powders or dusts in your garden. NIOSH approved for minimum 95% efficient protection against non-oil particulates. Do not use these for protection against pesticide sprays or oil.

GSD920  Pack of 2  $5.59

Pesticide Nitrile Gloves
These nitrile gloves provide excellent protection against solvents, pesticides, oils, grease, acids, or caustics. Flock lined, latex free.

GO1221 Small  $4.49
GO1222 Medium  $4.49
GO1223 Large  $4.49
GO1224 X-Large  $4.49

Farm Chemicals Gloves
Extra long 14” gauntlet. Puncture and abrasion resistant. Chemical resistant. Full PVC coating.

GO1220 Large  $6.79
Gloves

SAFETY GLOVES ON PAGE 39
### Bamboo Nitrile Gloves
Bamboo fabric shell, the palm is coated in nitrile to provide grip, abrasion protection and puncture resistance.

<table>
<thead>
<tr>
<th>Style</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GO1170</td>
<td>Women's Small</td>
<td>Dark Green</td>
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<tr>
<td>GO1171</td>
<td>Women's Medium</td>
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<td>GO1175</td>
<td>Men's X-Large</td>
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<tr>
<td>GO1173</td>
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<tr>
<td>GO1174</td>
<td>Men's Large</td>
<td>Gray</td>
<td>$6.59</td>
</tr>
</tbody>
</table>

### Professional Rose Glove
With a puncture-resistant, synthetic leather padded palm and reinforced fingertips, this rose glove provides what professional rose gardeners need most — strength, durability and comfort.

<table>
<thead>
<tr>
<th>Style</th>
<th>Color</th>
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</thead>
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<tr>
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</tr>
<tr>
<td>GC65</td>
<td>Large</td>
<td>$7.69</td>
<td></td>
</tr>
</tbody>
</table>

### Mud Women’s Rose Garden Gloves
This glove is designed for hand and forearm protection, the tough suede gauntlet protects your forearm including your elbow, while the adjustable strap at the wrist keeps out dirt and debris.

<table>
<thead>
<tr>
<th>Style</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>GO1178</td>
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<td>GO1179</td>
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</tr>
<tr>
<td>GO1180</td>
<td>Large</td>
<td>$32.79</td>
<td></td>
</tr>
</tbody>
</table>

### Nitrile Tough Atlas Gloves
Flexible nitrile coating is tougher than rubber, protecting palms and fingertips from the rigors of every day work.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>GC71</td>
<td>X-Large</td>
<td>$6.59</td>
</tr>
</tbody>
</table>

### Men’s Brown Suede Cowhide Driver Gloves
Unlined split shoulder cow leather driver’s glove of the highest quality.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>GO1218</td>
<td>X-Large</td>
<td>$10.99</td>
</tr>
</tbody>
</table>

### Pigskin Utility Gloves Men’s
Durable half lined pigskin leather utility glove built to handle rough work. Finished with a gauntlet cuff, elastic wrist and reinforced fingers with knuckle protection. Great for construction projects, materials handling, lawn and garden work, concrete and masonry use, chain saw operations and heavy duty rough work.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>GO1238</td>
<td>X-Large</td>
<td>$10.99</td>
</tr>
</tbody>
</table>

### Premium Gloves Thorn
Keep your hands safe when pruning thorny plants and roses.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<tr>
<td>GO1204</td>
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<td>$13.79</td>
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</tbody>
</table>

### Atlas Extra Gloves
Provides knuckle protection and waterproofing for heavier jobs. Great for transplanting, building compost piles, and any other wet or muddy jobs.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>GC65</td>
<td>Large</td>
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<tr>
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</tr>
<tr>
<td>GC67</td>
<td>Large</td>
<td>$7.69</td>
</tr>
</tbody>
</table>

### Mud H2O Waterproof Gloves
Ideal for planting, weeding, wet muddy jobs. Waterproof coating keeps hands dry.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>GO1243</td>
<td>X-Large</td>
<td>$8.79</td>
</tr>
</tbody>
</table>

### Grain Deerskin Gloves
The premium golden grain deerskin makes this glove feel very soft and comfortable. Soft and supple from the first wearing. Ergonomic keystone thumb. Shirred elastic band at wrist keeps debris out of palm.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>GO1187</td>
<td>X-Large</td>
<td>$27.39</td>
</tr>
</tbody>
</table>

### Canvas Picking Sleeve
Protective arm wear is used to guard your arms while pruning roses, trimming bushes and trees or picking fruit and berries.

<table>
<thead>
<tr>
<th>Style</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GC80</td>
<td>$10.99</td>
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</table>

Toll Free (888) 784-1722   GrowOrganic.com
Return Policy

Here at Peaceful Valley Farm & Garden Supply, we want you to be happy with your purchase. That’s why we are committed to providing you with the highest-quality products at the fairest prices. However, we do understand that sometimes things happen and you may want to return an item. Because we still have several areas to locate an organic money-growing tree, we do have to set in place some guidelines on what can and cannot be returned. Please take a minute to read through our Return Policy and contact us toll-free at (888) 784-1722, ext 125, if you have any questions or need for clarification — we’ll be happy to answer them!

You may return your unused, like-new, non-perishable item in its intact original packaging within 30 days of the purchase date (or delivery date) with your receipt for a refund of the purchase price (that item excluding any shipping costs). If you do not have this receipt, we will credit your card the original purchase amount on our customer record for the related invoice. Unfortunately, we are not able to accept returns of items that were used, as we are not able to resell them as new. If you send them back to us, they did not meet your expectations. If you’re returning an item that you bought via mail order, please contact our customer service department via phone at (888) 784-1722 or email (helpdesk@groworganic.com) and we will assist you in processing your return.

Due to the variety of different items that we sell, there are some restrictions we must place on specific types of items that you may want to return. Please check below to see if the item you’d like to return falls under any of the following categories:

1. **Non-Returnable Items:** Special orders, items shipped directly from the manufacturer (unless the return is pre-approved by the vendor), custom mixes, custom cuts (i.e. greenhouse poly, shade cloth, etc.), nursery plants, bagged items, broken bag items, and beneficial insects are not returnable under any circumstances due to our inability to resell them, or to receive credit from the manufacturer.

2. **Missing or Damaged Items:** If something arrives damaged, defective, or dead, please contact us immediately. If something is missing from your shipment, be sure to check the package thoroughly as small products can often be hidden in packing material. Also, remember that many shipments come in multiple boxes and that boxes can get separated in transit.

3. **Defective Items:** Items that are not covered under any warranty but that you deem “defective,” i.e. stop working and/or broke after a short while, will be dealt with on a case-by-case basis in collaboration with the corresponding supplier. Please note that defective units may be repaired or replaced at the manufacturer’s discretion, and that the process generally takes a few days. All defective items being returned must be complete, clean and soil-free. Sprayers must be rinsed, drained, dry and free of chemical smell.

4. **Items Covered Under Manufacturer’s Warranty:** For products covered under Manufacturer’s Warranty or repair (or credit) will be issued once the manufacturer has reviewed the claim. Please note that it is covered under warranty. Please note that this process generally takes a few days, and some vendors may require that you ship the item back directly to them (for their examination), so please always call us first before returning the item.

5. **Food Processing Items:** Due to hygiene concerns, any food processing item that has been opened, used, or used, will be denied back to us at a 15% restocking fee as we will resell the item at an “open box” discount.

6. **Perishable Items (3-Day Return Policy):**

We guarantee the perishable items we sell to be in good, viable condition when we sell them. Perishable items include, but are not limited to, garlic bulbs, flower bulbs, seed potatoes, onion sets & transplants, bare-root trees, vegetables, etc. If your perishable item arrives in standard condition, take photographs and please contact us within 3 days of the purchase date (or delivery date) and we will provide you with a refund of the purchase price (excluding shipping costs), or a replacement. Accordingly, we urge you to open any boxes marked as “Perishable” immediately upon receiving them and inspect the shipment thoroughly (do not crack open heads of garlic in order to determine if these items were delivered in good, viable condition because of having been improperly cared for or stored once delivered.

Limited Product Guarantees

Peaceful Valley Farm Brand Seed Packs

Peaceful Valley Farm & Garden Supply brand vegetable seeds from packs are guaranteed to germinate within the year they are packed for, as indicated on the seed pack, and grow true to name and color for a significant amount of your seed(s) do not germinate, please contact us and we’ll be happy to send you a replacement seed pack. Once the seeds have sprouted, please understand that Peaceful Valley cannot be held responsible for the many uncontrollable growing and climatic conditions that must be met to ensure the success of your crop(s).

Dormant Trees & Plants Limited Warranty

Claim Deadline is June 1st (Claims placed after June 1st will be denied.)

Please note: Our trees will come to you toped off at approximately 4 ft. in height to put the tree’s stored energy into root development vs. foliage production.

1. **What We Guarantee:**

   Our only guarantee is that your dormant tree/plant will arrive in good, viable condition and will leaf out by May 15th (historically 98% of our trees do). This guarantee is only available to customers who purchased their tree/plant directly from us.

   • What We Cannot Guarantee:

   - We cannot guarantee that your tree/plant remains alive & healthy, or bears fruit, as there are too many variables beyond our control in order to guarantee that the tree/plant will leaf out by May 15th. Similarly, we cannot guarantee the plant will produce the number of flowers or fruit that was depicted on the label. The plant may have several weeks to AK, HI, and PR.

   • How to Request a Credit:

     If your tree/plant does not leaf out by May 15th, please contact us as soon as possible (but no later than June 1st) and we will issue you a credit (not a refund) for the purchase price of your tree/plant (excluding shipping). * Please watch our video titled Bare Root (Dormant) Warranty for more information.

   (*) We reserve the right to not issue credit for items already replaced. We also reserve the right to request photographic evidence of the lack of germination of your garlic.

Seed Garlic (When Potted November 15th)

Claim Deadline is 45 Days from Purchase or Delivery (Claims placed after December 31st will be denied.)

1. **What We Guarantee:**

   Our only guarantee is that the seed garlic we sell will germinate, provided you follow the steps listed in our Garlic Planting & Growing Guide. This guarantee is only available to customers who purchase their seed garlic directly from us.

   • What We Cannot Guarantee:

   - We cannot guarantee that your garlic will remain alive & healthy, or sizes up properly, as there are too many variables beyond our control to be able to do so (i.e. soil preparation, fertilization, weed and pest control, temperature control, irrigation, etc).

   • How to Request a Credit:

     If you encounter a significant lack of germination of your garlic (over 50%), please contact us within 45 days of delivery. If we determine that your garlic had a significant lack of germination, we will issue you a credit (not a refund) for the purchase price of your garlic (excluding shipping). * This 45-day time frame is meant to allow you up to 2 weeks to plant your garlic, and up to 4 weeks to check for signs of growth.

   (*) We reserve the right to not issue credit for items already replaced. We also reserve the right to request photographic evidence of the lack of germination of your garlic.

Seed & Plant Limitation of Remedy

We warrant, to the extent of the purchase price only, that the seeds & plants we sell are as described in our catalogs, website and/or labels within recognized tolerances. No other warranty is given, expressed or implied, of the merchantability or fitness of the seeds & plants that we sell for any particular purpose, or against any loss due to any cause. We cannot accept any responsibility for the many growing and climatic conditions beyond our control (i.e. soil preparation, irrigation, weed and pest control, temperature control, irrigation, etc) that must be met to ensure the success of your crop(s) or plant(s). In no event shall we be liable for any direct or indirect damages or consequential losses arising out of the use or inability to use the seeds & plants that we sell, notwithstanding the failure of the essential purpose of any remedy.
**Enjoy Flat Rate Shipping**

Our online shopping cart will calculate the weight of your items and number of boxes before you place your order!

Our shipping method will be as follows:

If your box weighs 9 lb or less you will have the option of shipping SmartPost for $7.99 per box. SmartPost requires approx. 3-10 business days for delivery. All packages sent via SmartPost are carried via FedEx from PVF&GS to your local post office, and then delivered to you via your USPS mail carrier. P.O. boxes are okay via this method.

If your box weighs 40 lb or less you will have the option of shipping FedEx Ground Delivery for $14.99 per box. Ground Delivery requires approx. 1-5 business days for delivery, Tuesday-Saturday. We can not ship to P.O. boxes via this method.

Customers receiving pricing discounts are not eligible for flat rate shipping.

Some items (i.e., bare root trees, large tools, etc) may not be eligible for the standard SmartPost and FedEx Home/Ground Flat Rate Shipping offer. Please contact us at (888) 784-1722 for more clarification.

Please note that we reserve the right to combine multiple boxes weighing 40 lb or less (charged at $14.99/box) into one larger box weighing more than 40 lb (without refunding the difference).

Some items must ship in their own boxes (indicated with "ships by itself") because they are either: perishable/fragile, oversized/bulky, or they ship directly from the manufacturer.

Some items require an additional $5 handling fee, due to unusual shipping characteristics (such as long-handled tools).

Please note that a small handful of items have been disqualified from flat rate shipping although weighing less than 40 lb (e.g. bags of compost, potting soil, soil conditioner, etc).

Any merchandise that weighs over 40 lb by itself or packages of any weight shipping to AK, HI or PR will ship based on its weight and zip code using our competitive shipping rates.

Shipping method is at our sole discretion and may include SmartPost, FedEx, or USPS. Flat Rate amounts are subject to change without notice.

(*Flat Rate shipping only available in the lower 48 states. Some exclusions apply.)

Please Note: We are currently working to revamp our shipping policy. This offer may end at any time.

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**Bare Root & Potted Tree Shipping**

**Bare Root Trees — Ship up to 10 Bare Root Trees for $29.99!**

We ship our bare root trees on a first-come, first-served basis beginning in late-December. We are unable to delay shipping due to many factors, most importantly limited storage and our warm California climate which causes bare root trees to break dormancy much sooner than in colder areas (bare root trees must be dormant to best survive shipping). If you are unable to plant your tree(s) right away, read our instructions on heeling in trees (https://www.groworganic.com/bareroot-tree-terms.html). All of our bare root trees come with free professional pruning, which will put the tree's stored energy first into root growth rather than leaf production. Our bare root trees ship in special boxes with their roots bagged in moist sawdust to help ensure their survival during transit. Up to 10 trees can fit in a box (due to their size, nut and multi-graft trees count as 2). Each box ships for $29.99 via FedEx Ground (or FedEx Home Delivery) to the lower 48 states. Bare root trees cannot ship via USPS, and cannot be shipped to P.O. boxes. We are unable to ship our bare root trees to Alaska, Hawaii, Puerto Rico, U.S. Virgin Islands, and Guam. Bare root trees cannot be combined with potted trees.

**Potted Trees — Ship up to 9 Trees for $19.99!**

Our potted tree varieties include Almonds, Figs, Pomegranates, Olives, Kiwis and Gojis. Up to 9 potted trees can ship together in one master box. Potted tree boxes ship for $19.99 to the lower 48 states via FedEx Ground (or FedEx Home Delivery). Potted trees cannot ship via USPS, and cannot be shipped to P.O. boxes. We are unable to ship our potted trees to Alaska, Hawaii, Puerto Rico, U.S. Virgin Islands, and Guam. Potted trees cannot be combined with bare root trees. **Does not apply to citrus trees.**

**Potted Citrus Trees — Ship up to 12 Trees for $14.99!**

Order your citrus trees by Wednesday to ship the following Monday/Tuesday. Trees ship directly from the manufacturer (tracking emails will not be sent — please call for tracking information). Cannot ship to the following states: AK, HI, PR, VI, GU, FL, TX, AZ. Cannot ship via USPS or SmartPost. Cannot be picked up at our retail store. Up to 12 trees may be combined in a single package, but cannot be combined with other items.

---

**Planning a Large Order?**

Call (888) 784-1722 for a Custom Truck Quote.

**Pallets up to 3,000 lb.**

Pallet dimensions: 48"x 40"x 72"

Please select "custom freight quote" during checkout and we'll contact you with a precise freight quote.

**Shipping as low as $130 a pallet to most of California.**
Irrigation Supplies

Water is key to any plant’s health. We offer a HUGE selection of ways to get the job done.

If you prefer to water manually we offer hoses, wands and cans. If you prefer to have your watering done automatically we offer sprinklers, timers and all sorts of drip irrigation.

If you’re new to drip irrigation we offer diagrams and information on what you will need to set up your choice of drip irrigation online with our 5-part video series on setting up and using various drip irrigation systems at growOrganic.com.

Tips and Tricks

Videos and Articles Available Online

For Drip Tape see page 62.

GROWORGANIC.COM/BLOGS/VIDEOS

Video: Drip Irrigation – Parts 1-5
Gilmour Drinking Water Safe Hose
Perfect for recreational activities. Drinking water safe, lead, BPA and Phthalate free. Resistant to kinks and abrasions. NSF certified.
WHO115 ⅝" x 25' $27.99
WHO116 ⅝" x 50' $44.99

Gardena® Spiral Hose Set (pictured)
A convenient solution for watering plants on balconies, patios, or small gardens. After use, the hose automatically coils back up to minimum size. The enclosed sprayer lies well in the hand, the water quantity can be infinitely adjusted, and the impulse trigger can be set if desired. Set includes a Classic Adjustable Watering Sprayer, Classic Soft Sprayer, Quick Adaptor Tap End Connector, Quick Adaptor Product End Connector. Special UV resistant hose.
WHO270 33' $74.99

Claber Spiral Hose Kit (not pictured)
Kit includes 33 feet of coil hose, spray pistol with waterstop connector, interchangeable aerator spray head, wall mount, hose-end connectors, standard and utility faucet connector.
WHO250 33' $54.99

Hose Saver Plus
No more kinks in the garden hose. Connects quickly between hose and faucet.
WHO225 $6.49

Gardena® Classic Hose Box Set
Small and compact, ideal for transportation. Set includes a hose, cleaning nozzle, water stop, 2 tap connectors and an adapter. Through the folding crank handle and the folding handle, the Classic Hose Box 15 offers a space-saving storage option. Ideal for camping holidays, leisure activities or sports.
WHO265 49 ft hose $129

Gardena® Wall Mount Auto Reel
An integrated steel spring provides even, powerful retraction. A guide prevents twisting and tangling of the hose. Conveniently withdraw the hose with little effort. Stops at short intervals. High water flow and optimal sprinkler operation. Set includes High-quality Hose, Connection Hose with Hose Connector, Cleaning Nozzle, Water Stop Connector, 3 Tap Connectors, Wall Brackets, and Plugs.
WHO260 82 ft hose $209

Gilmour Metal Hose Menders
A IRH925 Male $6.59
B IRH935 Mender $9.89
C IRH930 Female $6.59

Element Lead Free Garden Hose
Quality you expect from a high-end garden hose.
WHO310 ⅝" x 100' $84.99
WHO305 ⅝" x 75' $64.99
WHO300 ⅝" x 50' $49.99

Gilmour Drinking Water Safe Hose
Perfect for recreational activities. Drinking water safe, lead, BPA and Phthalate free. Resistant to kinks and abrasions. NSF certified.
WHO115 ⅝" x 25' $27.99
WHO116 ⅝" x 50' $44.99

Gilmour Flexogen Garden Hose
Rugged, kink resistant with heavy gauge couplings.
WHO110 ⅝" x 100' $64.99
WHO105 ⅝" x 75' $53.99
WHO100 ⅝" x 50' $37.99
WHO095 ⅝" x 25' $21.99

Zero-G Compact Hose
The durability of a vinyl hose and the easy handling of a fabric hose!
WHO400 ⅝" x 50' $36.99

Brass Garden Hose Ball Valve
Solid brass. ⅜" female hose thread (FHT) x ¼" male hose thread (MHT) ball valve shut-off.
IRH730 $15.39
**Sprinklers**

**Gardena® Turbo Drive Sprinkler On Spike**  
Noiseless sprinkler for large areas. Precision spray patterns from 20° to 360°. Maximum diameter range 40 feet, 2-stage watering ensures even water distribution; distant and close range are watered one after the other. Quick Connect with Water Stop included.  

WG412 $26.99

**Gardena® Circular Sprinkler Vario On Spike**  
Circular sprayer with sector settings in 7° to 45° steps between from 90° to 360°, adjust exact spray direction by turning nozzle head. Maximum diameter range is 28 ft, total coverage 2,400 sq ft. Fine-meshed, detachable dirt filter. Quick Connect with Water Stop included.  

WG417 $26.99

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**ColorStorm™ Spinning Sprinkler**  
Ideal for well systems with low water pressure. Works well with water pressures 20-80 psi. Even with low pressure, it creates a very uniform spray pattern, and covers area up to 38’ in diameter (depending on water pressure). Atomizes water into fine droplets for less water usage and thorough watering.  

WOT340 $21.99

**Gilmour Pattern Master**  
Create your own watering pattern. Most lawns or gardens are not perfect circles. This ingenious impulse sprinkler allows you to create your own watering pattern. You can adjust it to water any shaped yard. It has a patented design with a programming disc that allows you to easily adjust up or down at 12 points within a single rotation. Maximum water coverage is up to 5,800 square feet (86’ diameter).  

WOT573 $26.99

**Dramm ColorStorm Gear Drive Sprinkler Green**  
Mounted to a die cast metal sled base, the gear drive sprinkler is a great mobile, flexible sprinkler for a variety of watering applications. Each pattern can be selected by the simple twist of the selector dial. Comes with a lifetime guarantee and is available in yellow. Has 4 spray patterns: flat, fan, mini and large. Adjustable coverage from full circle, ¼ circle, ½ circle or ¼ circle. Maximum coverage is a 40 foot diameter.  

WOT341 $32.99

**Claber Compact 20 Oscillating Sprinkler**  
Easy to set oscillating sprinkler with 5 preset water settings provides uniform coverage for lawns or gardens. The eight end nozzles (4 on each end) of the spray bar can be shut off for even more narrow coverage, and sprinkler arm is removable for inspection and/or cleaning of the sprinkler. Works effectively with water pressure as low as 14.5 psi up to 58 psi. Area coverage up to 3,445 square feet (63’ x 55’).  

WOT469 $34.99

**Claber Compact 160 Oscillating Sprinkler**  
Traditional style oscillating sprinkler provides uniform coverage with natural rain effect for lawns, landscaping, or narrow areas. Control knob selects one of the 4 easy-to-set watering patterns that come with many intermediate steps. Works effectively with water pressure as low as 14.5 psi up to 58 psi. Area coverage up to 1,948 square feet (53’ x 36’).  

WOT467 $17.99

**Gardena Polo 220 Sprinkler**  
The multi-stage turbodrive gear allows even, puddle-free irrigation. Through improved ergonomics of the cleaning needle, cleaning of the nozzles is very easy. Made of high-quality materials with UV protection. Spray range fully adjustable. Covers an area of 968 to 2,368 square feet. Range is adjustable 2 to 56 feet. Sprays at a maximum width of 42 feet. The fine-mesh dirt filter made of stainless steel guarantees easy cleaning.  

WG425 $42.99
A Great Way To Recycle!

Portable Pourer
Turn any soda bottle (16 ounce to 2 liter) into a watering can!
WWC500 $8.79

Watering Cans

A Watering Can 1L
Compact and lightweight, this plastic watering can is your helper for small watering jobs, or those times you need a narrow spout.
WWC295 $5.99

B Haws Practican Watering Can
Light and durable plastic watering can. Holds 1.5 gallons.
WWC100 $38.99
WWC101 Replacement Rose & Spout $7.99

Watering Can 8 Liter
Eight-liter watering can features a sprinkler spout and large reservoir to help you tackle the largest of jobs.
WWC290 $15.99

Galvanized Steel Watering Can
Eight-quart can made with the strength of steel.
WWC405 $31.99

Gilmour Large Area Metal Sprinkler on Tripod
Large coverage sprinkler with adjustable tripod base. Extra-large water jet for more coverage than standard pulsating heads, up to 8,500 square feet (106 foot diameter) coverage. Trip levers for full or partial coverage with reversing full circle setting. Deflector dial to set distance. Sprinkler head has ¾” MPT connection to base.
WOT576 $74.99

Gilmour Extra Large Coverage Metal Sprinkler
Gilmour provides this well constructed, adaptable sprinkler for coverage of large areas. It has a study base and a patented impulse arm that saves water by eliminating back and side splash. Up to 8,500 square foot coverage. Adjustable collar for partial to full-circle coverage. Diffuser pin customizes spray, from powerful jet to gentle mist. Easy-to-adjust dial customizes spray distance. Heavy-duty, all-metal construction for long life, even with frequent use. Swivel metal coupling for tight and durable connection to hose. Metal spike stays firmly planted in grass.
WOT574 $42.99

Toll Free (888) 784-1722   GrowOrganic.com
Connectors

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Gilmour Metal Y-Connector with Shut-off Regular Flow</td>
<td>IRH950</td>
<td>$7.69</td>
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<tr>
<td>B</td>
<td>Gilmour 4-Way Hose Connector Plastic</td>
<td>IRH960</td>
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<td>C</td>
<td>Claber Y-Faucet Connector</td>
<td>WOT460</td>
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<td>Gardena® 4 Way Water Distributor</td>
<td>WS615</td>
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<td>Gardena® Y-Connector with Shut-off Full Flow</td>
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<td>Gilmour 4-Way Hose Connector Metal</td>
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<td>I</td>
<td>Claber Threaded Outdoor Faucet Connector</td>
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<td>J</td>
<td>Gardena® Tap Connector</td>
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<td>K</td>
<td>Gardena® Accessory Adapter</td>
<td>WG319</td>
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<td>Claber Threaded Accessory Connector</td>
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<td>M</td>
<td>Gardena® Hose Connector</td>
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<td>N</td>
<td>Claber Waterstop Hose End Connector</td>
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<td>O</td>
<td>Gardena® Regulator Valve Inline Shut Off</td>
<td>WG350</td>
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<td>P</td>
<td>Gardena® Hose Extension Joint Formerly called Quick Connect Coupler</td>
<td>WG325</td>
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<td>Claber Hose Extension Joint</td>
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<td>Gardena® Hose Connector with Waterstop</td>
<td>WG315</td>
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<td>S</td>
<td>Gardena® Quick Connect Starter Set Contains a tap connector (WG300), a hose connector (WG305), a hose connector with Waterstop (WG315), and two accessory adapters (WG319).</td>
<td>WG330</td>
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<td>Claber Hose or Sprinkler Connector Set Contains a Waterstop Hose End Connector (WOT455) and Threaded Accessory Connector (WOT450).</td>
<td>WOT458</td>
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<td>Gardena® Hose To Accessory Set Contains one Accessory Adapter (WG319) and one Hose Connector with Waterstop (WG315).</td>
<td>WG340</td>
<td>$11.99</td>
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</tbody>
</table>
**Gardena® Tap To Hose Connector Set**
Includes one Tap Connector (WG300) and one Hose Connector (WG305).
Rust proof.
WG335 $10.99

**Gardena® Washer & O Ring Set**
Kit replaces washers and O-rings on all Gardena® products. Contains one washer and three O-rings.
WG200 $4.49

**Claber Faucet To Hose Connector Set**
Converts a faucet and hose-end to a convenient “Quick-Click” snap fit system.
WOT456 $4.99

**Dramm 1 Touch Fan-Shaped Spray Nozzle**
Control flow with one touch of your thumb. We choose on of the six colors for you.
WOT360 $15.99

**Gilmour Metal Power-Flo Nozzle**
Designed to withstand impact. The tip cone protects the nozzle from denting and impairing water flow.
WOT580 $12.99

**Gardena® Shower Spray Front Trigger Nozzle**
Ideal for watering potted plants. Includes infinite water flow adjustment. Locking Pulse trigger.
WG505 $31.99

**Dramm Revolution™ 9 Spray Pattern Nozzle**
Features the One Touch™ thumb valve with the same nine spray patterns as the Revolver.
WOT370 $14.49

**Gardena® Metal Front Trigger 7 Pattern Nozzle**
Locking trigger. Knob to control flow. 7 different spray patterns. Includes connector.
WG515 $42.99

**Dramm Revolver™ 9 Spray Pattern Nozzle**
This sturdy nozzle has 9 spray patterns: shower, fan, cone, center, jet, mist, soaker, flat and angle.
WOT350 $13.99

**Dramm Pistol™ One Setting Spray Nozzle**
Dramm redesigned this with a larger barrel for a more consistent spray pattern.
WOT355 $9.99

**Dramm 1 Touch Shower & Stream™ Spray Nozzle, Assorted Colors**
Control flow with just one touch of your thumb. Has two pattern options: shower or stream. We choose on of the six colors for you.
WOT365 $17.99

**Claber Multi-Jet Pistol**
Includes anatomical rubber grip and convenient front on-off flow button. Choose from four different flow types: shower, concentrated, fan spray and mist.
WOT465 $26.99

**Dramm Industrial Pistol Nozzle**
Designed to withstand hot water temperatures up to 160° at 100 psi. Threaded front for attaching cleaning nozzles. Ideal for commercial and industrial spraying.
WOT375 $15.99

**Dramm Revolver™ 9 Spray Pattern Nozzle**
This sturdy nozzle has 9 spray patterns: shower, fan, cone, center, jet, mist, soaker, flat and angle.
WOT350 $13.99

**Dramm Pistol™ One Setting Spray Nozzle**
Dramm redesigned this with a larger barrel for a more consistent spray pattern.
WOT355 $9.99

**Dramm 1 Touch Shower & Stream™ Spray Nozzle, Assorted Colors**
Control flow with just one touch of your thumb. Has two pattern options: shower or stream. We choose on of the six colors for you.
WOT365 $17.99

**Claber Multi-Jet Pistol**
Includes anatomical rubber grip and convenient front on-off flow button. Choose from four different flow types: shower, concentrated, fan spray and mist.
WOT465 $26.99

**Dramm Industrial Pistol Nozzle**
Designed to withstand hot water temperatures up to 160° at 100 psi. Threaded front for attaching cleaning nozzles. Ideal for commercial and industrial spraying.
WOT375 $15.99
Wands

Dramm Water Breaker, Redhead - 1000PL
Provide a gentle shower for your plants. Combine with Dramm 16” or 30” wands.
WOT311 $15.99

Plastic Shut Off valve
¾” female hose thread (FHT) x ¾” male hose thread (MHT).
IRH320 $1.99

Dramm Watering Wand
The simple, lightweight, easy to handle, sturdy aluminum design has been a staple for commercial growers since it was invented.
WWW141 16” $10.99
WWW142 36” $13.99

Dramm Fogg-It Nozzles
Machined, all-brass nozzle breaks the water into a fine fog which lays a gentle dew on soil and seedlings.
WOT305 Superfine ½ GPM $13.49
WOT300 Low Volume 2 GPM $13.49
WOT302 Heavy Spray 4 GPM $13.49

Dramm 9 Pattern Spray Head - Kaleidoscope
Nine pattern nozzle — flat, fan, jet stream, shower, rain, center, cone, angle and mist. Use with the 16” or 36” Dramm wands.
WOT337 $8.49

Dramm 400 Aluminum Water Breaker 7 Pattern Spray Head
Provides fast, full-flow watering without damaging to your plants or disturbing soil. Used and recommended daily by professional growers worldwide. Contains lead.
WOT314 $20.99

Gilmore Bubbler
Screw the Bubbler onto your hose and place it near your plants. Water will gently soak into the ground with minimal erosion.
WOT570 $8.79

Tips and Tricks
Videos and Articles Available Online
GROWORGANIC.COM/BLOGS/ARTICLES
• Article 10 Tips for Water Conservation in Vegetable Gardens
Injectors & Mixers

Many liquids are injectable and some dry fertilizers are as well but they must be premixed with water before injecting. Here’s what you’ll need to help make this a easy task!

A Chapin Hydrofeed Fertilizer Injector
For use with drip irrigation, sprinkler, soaker hose and direct hose spray applications. Easily monitor usage with a translucent tank. Features a variable rate adjustment to allow between 1 and 10 ounces of product flow per gallon. A rigid inlet tube with in-tank filter for debris-free mixing and drain with valve to quickly empty remaining product and water from the tank. Conserve water and still have a lush garden. Ideal for use with liquid fertilizer. Easily connects to standard irrigation and hose fittings.

WMX610 1 Gallon $79.99 (Pictured)
WMX615 2 Gallons $89.99

Gard’n Gro Dechlorinating Garden Filter
A product that eliminates the harsh toxic effects of chlorine in your garden.

B WOT800 Filter $86.99
C WOT805 Replacement Filter $54.99

D Gilmour Flexogen Garden Hose
500 lb burst strength. Couplings are heavy gauge, crush-resistant brass. Lightweight, kink resistant, and flexible, even in cold weather.

WHO095 (¾” X 25’) $21.99
WHO100 (¾” X 50’) $37.99
WHO105 (¾” X 75’) $53.99
WHO110 (¾” X 100’) $64.99 (Pictured)

E Grow More Siphon Mixer Injector
Use where water pressure is 30-90 PSI, will work with a garden hose up to 75’ long, however, it works best with a shorter hose. Siphon mixer screws onto your hose bib, the other end attaches to your garden hose. A backflow preventer is integrated into the mixer.

WMX345 $16.99

F Water Pressure Gauge
Easy to use gauge to help you determine which injector will work for you as well as whether or not you need a pressure regulator for your drip irrigation. Capacity: 0-160 psi. ¾” female hose thread with washer.

WOT640 $5.49

G Chapin Hydrofeed Fertilizer Injector
For use with drip irrigation, sprinkler, soaker hose and direct hose spray applications. Easily monitor usage with a clear tank. Adjustable faucet elbow for mounting to any hose spigot. A rigid inlet tube with in-tank filter for debris-free mixing and drain with valve to quickly empty remaining product and water from the tank. Conserve water and still have a lush garden. Ideal for use with liquid fertilizer.

WMX600 16 oz $39.99
WMX605 32 oz $74.99

H Add-It Proportioning Fertilizer Injector
Easy to operate for either drip and sub-surface irrigation or with sprinkler systems. Injects fertilizer at a consistent, predetermined ratio. Backflow device must be installed before the injector and a filter is recommended when injecting fertilizers into drip irrigation. Minimum pressure required is 10 psi. The pint size delivers a ratio of water to fertilizer of 280:1. The 1½ quart size delivers a ratio of water to fertilizer of 300:1.

WMX200 Pint $26.99
WMX201 1½ quart $86.99 (Pictured)

I Dramm Syphonject Siphon Mixer
Dramm’s Syphonject draws a concentrated solution from a bucket through a flexible suction tube and then dilutes it with the passing water stream at an approximate ratio of 20 parts water to 1 part concentrated solution. Includes a 170PL nozzle — ideal when using fertilizer syphons. Minimum water pressure of 35 psi at faucet.

WMX151 $19.99

J Gard’N Gro Pre-Filter
Used with the Gard’N Grow Dechlorinating Garden Filter, this Pre-Filter reduces particulates in advance. By reducing clogging, you will extend the life of your filter. 3 foot, high pressure vinyl hose included. Fitted with brass, ¾” fitting. Connects to garden faucet. For hydroponic or garden use.

WOT810 $64.99
Timers

**Galcon 11000BT**
The Galcon 11000BT Bluetooth Programmable Hose End Water Timer is weather resistant, has a ¾″ hose thread, a durable body, and electric motor actuator. Pressure range is 15–145 psi (1–10 bar). Flow rates are 50–1,200 liters per hour (0.18–5.3 gallons per minute.) Requires one 9V alkaline battery. Daily and weekly programming available. Can be installed in various configurations, including flat on the ground.

WOT1506  $49.99

**Galcon 7101BT**
The Galcon 7101BT Bluetooth Programmable Water Timer with Integrated Inline Valve is completely waterproof (IP68.) It’s ideal for underground installation in valve boxes. It fits ¾″ pipe. No need to open the valve box to activate it, just use the App! It’s easy to install and simple to operate. Pressure range 8–145 psi (0.5–10 bar.) Only one 9V alkaline battery is required. Irrigation durations range from 1 minute to 12 hours. Weekly and cyclical programming is available.

WOT1516  $97.99

**Galcon 9001BT**
The Galcon 9001BT Bluetooth Programmable Hose End Water Timer is easy to install and simple to operate. Pressure ranges from 15 to 145 psi. Flow rates from 0.18–5.3 gallons per minute. Weekly or cyclical programming available. Only one 9V alkaline battery is required. The rain delay feature pauses operation. Features a simple female hose fitting that is very easy to replace.

WOT1520  $49.99

**Galcon 11000EZ**
Pre-Programmed Water Timer
The 11000EZ has a female hose thread inlet and a male hose thread outlet that can be connected to an outdoor faucet or to the end of a garden hose. Features a 3-step programming option, one button sets duration (1 minute to 4 hours); second button sets frequency (every hour to every 7 days). Has a start time delay button that sets the start time cycle.

WOT1510  44.99

Galcon Bluetooth Programmable Timers
Use the free App (Android and iOS) on your mobile device to easily program and operate the controller. The App is highly intuitive and programming is super easy. We made it so simple, we think that there is no need to read the User Manual to figure out which buttons to push.

Although you can still program the controller without your mobile device, when you use the App, there is no need to search for the controller that is hidden in the plants to make program changes. The controller communicates with your device using Bluetooth 4.0 that require very low energy with a range of 5 to 30 meters (15 to 90 feet) away from the controller (depending on surroundings).

Manage a single controller to many controllers from the same App. Its easy to select the controller you want to operate with the ability to name each controller, capture an image of the zone or upload a zone image from your Gallery.
A  **Gardena® Automatic Water Distributor**  
Automatically control of up to 6 watering zones when used in conjunction with the Gardena Water Computer. A minimum pressure of 15 psi is needed to operate correctly. The watering channels are automatically activated one after the other, each time the water flow stops and restarts, according to the timer schedule. When the timer turns on, water pressure builds up inside the distributor and pushes up the red, middle cylinder, releasing water through the first open outlet. When the timer turns off, the pressure subsides and the red middle cylinder rotates to the next outlet as it drops down.

WG610  $139

B  **Galcon 7101 Water Timer/Valve**  
A timer and valve that is packaged in one! Battery operated. Controller is a completely waterproof, user-friendly, battery operated automatic controller. Working pressure is 7–115 psi (½–8 bar.) Thread NPT/BSP: ¾”.

WOT1515  $86.99

C  **Melnor Aqua Mechanical Water Timer**  
Customize your watering time anywhere from 10 minutes to 2 hours. Egg-timer design measures actual watering time rather than water flow.

WOT401  $16.49

D  **Gilmour Mechanical Timer**  
Set for continuous watering up to 120 minutes. Has full flow outlet for more sprinkler performance. Swivel nut allows for easy connection. Works with water pressure ranging from 15 to 120 psi.

WOT526  $16.49

**Melnor Digital Water Timer**  
Automatically water one, two, or four areas of your garden. Quick and easy to program. Each zone can be programmed separately. Set how often you water in hours or days. Water up to 6 times per day. Duration can be set for up to 240 minutes. Delay watering from 1 to 3 days before returning to the program you entered. Programming is retained through battery changes.

E  WOT407  1 Zone  $43.99
F  WOT406  2 Zone  $59.99
WOT402  4 Zone  $87.99 (not pictured)

**Gardena® Electronic Six-Cycle Water Timer 1814**  
Deluxe watering computer comes with an electronic display and can be programmed to meet individual needs. Automatically water up to 6 times a day, watering up to 9 hours and 59 minutes each time. Individual watering days can be freely selected. Due to its unique electromagnet valve technology, this timer operates up to 224 psi.

WG600  $84.99

**Gardena® Electronic Pre-Programmed Water Timer**  
This timer contains 14 pre-set programs. Choose from include every 6, 12, or 24 hours or every 2, 3 or 7 days. Durations include every 3, 5, 15, 30, 60 or 120 minutes. Electronic display and removable component allow for ease of programming. Automatic on/off. Comes with faucet adapter and faucet-end connector. Requires one 9 volt battery, not included.

WG640  $64.99

**Galcon Alternator Valve**  
The unique Alternator Valve can be used in conjunction with automatic tap timers that have multiple automatic starts or as a stand alone unit. This Alternator Valve is not a timer, and does not require batteries or a power source. It is simply powered by the water moving through it.

WOT1500  $36.99
Meters

A RapiTest® Digital Moisture Meter
tests for moisture at the roots. Includes watering guide and special needs table for over 150 plants.
TM014 $16.49

B RapiTest® Digital Soil pH Meter
easy to read, instant digital read-out. It measures and displays the acidity/alkalinity of garden and container soil.
TM330 $19.79

C Retemp Soil Moisture Meter
gives you a relative wetter than or dryer than reading by means of a sensor in the bottom of its 17” probe.
TM017 $43.69

D Save A Drop Water Meter™
attaching the meter to your sprinkler or hose to measure your water usage.
WOT700 $19.99

E RapiTest® Mini Soil Moisture Tester
tests for moisture at the roots, package, helps prevent over-watering. Package lists water needs for over 100 plants.
TM013 $8.79

F Watersafe Well Water Test Kit
test for: copper, iron, lead, nitrates/nitrites, harmful bacteria, toxins from pesticides or fertilizers, pH balance, hardness and unsafe chlorine levels.
TM905 $37.99

G HM Digital pH Hydrotester Meter
ideal for testing applications. TM105 measures Electrical Conductivity (EC), Total Dissolved Solids (TDS) and temperature. TM100 measures pH and temperature.

H Save A Drop Water Meter™
attaching the meter to your sprinkler or hose to measure your water usage.
WOT700 $19.99

Pond Care

I Pond Barley Mini Bales
keep ponds fresh, clear and clean all summer with all natural barley straw.
ISO851 pack of 2 $10.79

J Mosquito Bt Floating Donuts
Donut-shaped, floating “briquettes” release Bacillus thuringiensis var. israelensis over a 30-day period to kill mosquito larvae in standing water. Use 1 donut per 100 sq ft of water surface.
PBI220 pack of 6 $14.49
PBI210 pack of 20 $27.99

HM Digital pH Storage Solution
A vital component of pH meter care. This potassium chloride solution not only helps keep the probe clean, but it keeps the probe saturated for best performance.
TM101 20 mL $1.39

HM Digital TDS/EC Calibration Solution
Use to periodically calibrate meters for optimal meter performance, or to test TDS or conductivity levels in wide or different ranges. This NaCL solution comes in a lightweight HDPE plastic bottle and is sealed with a coated foam liner.
TM106 20 mL $1.39
**Mulch**

**Mega Mulch**
Expandable all natural ground cover that lasts up to 2 years. Made from 100% Coconut Fiber and Coir Chunk Blend. Retards weed growth, reduces watering, prevents soil erosion and beautifies outdoor areas. Expands 6 fold in minutes to 2½ cubic feet.

PSO125  2½ Cu Ft  $14.89

**TackSak Straw Mulch Bagged Bale**
TackSak is a sack of straw seeding mulch designed to stop erosion and speed up germination. TackSak is made of finely processed straw, cut twice and processed with a bonding agent that gives straw a tackiness which holds it together and protects seed from heavy washout, runoff and wind. Covers up to 500 square feet.

MM120  $16.39

**Coco Fiber Weed Mat**
Natural, round coconut fiber mats are great for weed suppression around young trees, shrubs and new plantings.

C  MM060  24"  $10.99
D  MM065  36"  $16.49

**Black Polyethylene Mulching Film**
1.0 mil, embossed poly film is stronger than plain poly. Lay directly over the ground to control weeds. Often used in combination with row covers to extend the growing season up to 3 weeks. Punch holes as needed for transplants or seeds.

MM206  3’ x 4,000’  $139
MM207  4’ x 4,000’  $179

**Pst Thermal Green Mulching Film**
1 mil plastic. Photo selective (PST) thermal green film prevents weed growth like black plastic mulch while providing high enough soil temperatures for early productivity and plant growth, like clear plastic. While no mulching film can guarantee total inhibition of weed growth, this product will greatly reduce weed germination and weed growth due to its effect on photosynthesis. The sun's radiation passes through the film, warming the soil.

MM186  3’ x 3,000’  $129
MM187  4’ x 3,000’  $169

**Brite N’up Silver Mulch Reflective Mulch**
Silver mulches reflect sunlight up into the undersides of the canopy thereby increasing photosynthesis, leading to rapid growth. Mulches in general also hold temperatures at consistent levels. Reflective mulches were also shown to lower the numbers of cucumber beetles, aphids and whiteflies.

MM400  30" x 100’  $27.39

**BetterReds Red Mulch Film**
Red plastic mulch not only suppresses weeds, it retains moisture and has been shown to increase tomato production from 12-20%. This is due to the reflection of certain growth-enhancing light waves from sunlight on to the plant. Strawberry plants were also shown to produce larger berries when grown with this mulch.

MM520  3’ x 24’  $14.19

**Red Mulching Film**
1.0 mil red plastic mulch not only suppresses weeds and retains moisture but it also increases production of tomatoes and strawberries.

MM510  4’ x 30’  $21.89
MM515  4’ x 100’  $43.69
MM500  4’ x 600’  $169

**Planters Mulching Paper**
A low-cost, biodegradable, mulching paper designed to be used for one growing season, and can be tilled in. When the edges are secured, the crepe in the thin paper allows it to hug the soil and to efficiently pass on the heat it absorbs, giving crops a boost early in the season. Porous to water, it effectively suppresses weeds and keeps vegetables from contact with the soil, reducing spoilage. Recycled paper with resin binder May not be acceptable for organic certified gardens.

MM250  2’ x 50’  $16.49
MM255  4’ x 100’  $65.49

**Cocoa Mulch**
Use this wonderfully aromatic mulching material to keep the weeds out of your garden (by blocking out sunlight) or to use on your pathways. Imagine — with every footstep, an aroma of cocoa is released! Use caution when using around dogs.

MM050  2 Cu Ft  $15.39

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Toll Free (888) 784-1722   GrowOrganic.com
**How to Connect a Drip System to Your Water Supply**

This diagram shows the proper assembly of parts you need to connect your drip system to your water source.

We recommend installing a “Y” connector as it will allow you to connect a hose to your water source as well as the drip system.

To check your water pressure use a Water Pressure Gauge (WOT640 see page 51).

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**Regular Flow Metal “Y” Connector with Shut-off FHT x MHT**
IRH950 $7.69

**Vacuum Breaker FHT x MHT**
Prevent backflow and contamination of your water source.
IRF1000 $4.49

**Flushable “Y” Filter ¾” FHT x MHT**
Prevent your drip system from clogging. Easy to clean.
IRF176 $16.49

**Spin Clean® Y Filter w/ Valve**
Effectively keep debris moving across the screen element towards the basin, where it is collected and can be drained.
IRF178 $32.79 (Not Pictured)

**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**Fixed Pressure Regulators ¾”**
Medium Flow FHT x MHT.
IRH819 10 PSI $7.69 ea
IRH824 25 PSI $7.69 ea
IRH830 50 PSI $7.69 ea

**Power-Loc™ Starter Tee**
FHT x MHT. Connects ½” poly system to male hose thread and splits direction of the ½” poly.
IRC700 $3.19 ea

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99

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**Mechanical or Electrical Timer**
Save time and money! Water before dawn to prevent evaporation. (See page 52-53.)

**Save A Drop® Water Meter**
The easy to read meter shows you how much water you’re using. It accurately measures both single waterings use as well as cumulative water usage.
WOT700 $19.99

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**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99

---

**Vacuum Breaker FHT x MHT**
Prevent backflow and contamination of your water source.
IRF1000 $4.49

**Flushable “Y” Filter ¾” FHT x MHT**
Prevent your drip system from clogging. Easy to clean.
IRF176 $16.49

**Spin Clean® Y Filter w/ Valve**
Effectively keep debris moving across the screen element towards the basin, where it is collected and can be drained.
IRF178 $32.79 (Not Pictured)

**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**Fixed Pressure Regulators ¾”**
Medium Flow FHT x MHT.
IRH819 10 PSI $7.69 ea
IRH824 25 PSI $7.69 ea
IRH830 50 PSI $7.69 ea

**Power-Loc™ Starter Tee**
FHT x MHT. Connects ½” poly system to male hose thread and splits direction of the ½” poly.
IRC700 $3.19 ea

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99

---

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Prevent backflow and contamination of your water source.
IRF1000 $4.49

**Flushable “Y” Filter ¾” FHT x MHT**
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IRF176 $16.49

**Spin Clean® Y Filter w/ Valve**
Effectively keep debris moving across the screen element towards the basin, where it is collected and can be drained.
IRF178 $32.79 (Not Pictured)

**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**Fixed Pressure Regulators ¾”**
Medium Flow FHT x MHT.
IRH819 10 PSI $7.69 ea
IRH824 25 PSI $7.69 ea
IRH830 50 PSI $7.69 ea

**Power-Loc™ Starter Tee**
FHT x MHT. Connects ½” poly system to male hose thread and splits direction of the ½” poly.
IRC700 $3.19 ea

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99

---

**Vacuum Breaker FHT x MHT**
Prevent backflow and contamination of your water source.
IRF1000 $4.49

**Flushable “Y” Filter ¾” FHT x MHT**
Prevent your drip system from clogging. Easy to clean.
IRF176 $16.49

**Spin Clean® Y Filter w/ Valve**
Effectively keep debris moving across the screen element towards the basin, where it is collected and can be drained.
IRF178 $32.79 (Not Pictured)

**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**Fixed Pressure Regulators ¾”**
Medium Flow FHT x MHT.
IRH819 10 PSI $7.69 ea
IRH824 25 PSI $7.69 ea
IRH830 50 PSI $7.69 ea

**Power-Loc™ Starter Tee**
FHT x MHT. Connects ½” poly system to male hose thread and splits direction of the ½” poly.
IRC700 $3.19 ea

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99

---

**Vacuum Breaker FHT x MHT**
Prevent backflow and contamination of your water source.
IRF1000 $4.49

**Flushable “Y” Filter ¾” FHT x MHT**
Prevent your drip system from clogging. Easy to clean.
IRF176 $16.49

**Spin Clean® Y Filter w/ Valve**
Effectively keep debris moving across the screen element towards the basin, where it is collected and can be drained.
IRF178 $32.79 (Not Pictured)

**¾” Brass Hose Swivel Adapter #1**
FHT x MPT. Use with Spin Clean Y Valve (IRF178).
IRH720 $4.49

**¾” Brass Adapter #2**
MHT x FPT. Use with Spin Clean Y Valve (IRF178).
IRH725 $3.89

**Fixed Pressure Regulators ¾”**
Medium Flow FHT x MHT.
IRH819 10 PSI $7.69 ea
IRH824 25 PSI $7.69 ea
IRH830 50 PSI $7.69 ea

**Power-Loc™ Starter Tee**
FHT x MHT. Connects ½” poly system to male hose thread and splits direction of the ½” poly.
IRC700 $3.19 ea

**½” In-Line Valve**
FHT x MHT. Inserts into ½” poly tubing to allow easy on/off control of water flow.
IRH430 $2.19 ea

**½” Poly Tubing**
The poly tubing serves as an water supply line. Use with our Power-LocTM fittings. (See page 59.)
IRP500 100’ Roll $14.99
IRP505 500’ Roll $44.99
## Drip System Components

<table>
<thead>
<tr>
<th>NAME</th>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vacuum Breaker</strong></td>
<td>Screw into your hose spigot as the first item in your starting line-up. Prevents backflow which can cause contamination of your water source.</td>
<td>IRF1000</td>
<td>$4.49</td>
</tr>
<tr>
<td><strong>Fixed Pressure Regulators ¾”</strong></td>
<td>FHT x MHT medium flow Attaches to in-line filter to reduce pressure. Use for up to 12 gpm. Will handle 300-400 ft of ½” poly tubing, 1,500 ft of drip tape, or 500 ft of soaker hose.</td>
<td>IRH819 10 PSI IRH824 25 PSI IRH830 50 PSI</td>
<td>$7.69</td>
</tr>
<tr>
<td><strong>Flushable “Y” Filter ¾”</strong></td>
<td>FHT x MHT Removes sediment in water. Clean filter without removal by opening a ball valve. 150 mesh stainless steel screen. Use for up to 12 gpm.</td>
<td>IRF176</td>
<td>$16.49</td>
</tr>
<tr>
<td><strong>Spin Clean® “Y” Filter with Valve</strong></td>
<td>Incoming unfiltered water from the inlet is forced through the nozzles of a stationary spin plate at the top of the filter screen element. These nozzles blast water across the inside screen surface, continuously sweeping the screen clean, spinning debris toward the basin where it is collected. Maximum pressure rating of 80 psi. To convert from pipe thread to hose thread, use the brass adapters.</td>
<td>IRF178</td>
<td>$32.79</td>
</tr>
<tr>
<td><strong>Flushable “Y” Filter Stainless Steel Replacement Screen</strong></td>
<td>Replacement filter for the Flushable “Y” filter. 150 mesh stainless screen.</td>
<td>IRF177</td>
<td>$10.99</td>
</tr>
<tr>
<td><strong>Spin Clean® Y Filter Replacement Filter</strong></td>
<td>For use with the Spin Clean® Y Filter. Replacement screen is a strong stainless steel 150 mesh.</td>
<td>IRF179</td>
<td>$17.49</td>
</tr>
<tr>
<td><strong>In-Line Filter</strong></td>
<td>Removes minor sediment in water. Use for up to 100 feet of Soaker Hose, up to 250 ft of drip tape, maximum flow of 2 gpm of drip system. Does not come with a screen. Order IRF411.</td>
<td>IRF410</td>
<td>$2.69</td>
</tr>
<tr>
<td><strong>In-Line Filter Screen</strong></td>
<td>Screen for in-line filter IRF410.</td>
<td>IRF411</td>
<td>$4.29</td>
</tr>
<tr>
<td><strong>¾” Brass Hose Swivel Adapter #1</strong></td>
<td>FHT x FPT Use with the SpinClean® “Y” Filter</td>
<td>IRH720</td>
<td>$4.49</td>
</tr>
<tr>
<td><strong>¾” Brass Adapter #2</strong></td>
<td>MHT x FPT Use with the SpinClean® “Y” Filter</td>
<td>IRH725</td>
<td>$3.89</td>
</tr>
<tr>
<td><strong>¾” Plastic Hose Swivel Adapter #1</strong></td>
<td>FPT x FHT</td>
<td>IRH721</td>
<td>$5.29</td>
</tr>
<tr>
<td><strong>¾” PVC Adapter</strong></td>
<td>FPT x FPT</td>
<td>IRH585</td>
<td>$0.56</td>
</tr>
</tbody>
</table>
½" Poly Tubing

Use ½" poly tubing to bring water to where you want to start your irrigation runs. Poly tubing serves as the main water supply and is used with the Power-Loc™ ½" fittings on page 59.

To connect Mr. Soaker Hose to poly, use barbed Mr. Soaker Hose fittings (page 60). To connect drip tape to poly, use Loc-Sleeve fittings (page 63). Not all ½" poly tubing is the same! Ours is 0.60 I.D./0.70 O.D. The maximum flow rate for our ½" poly is about 240 gph or 4 gpm.

½" Poly Tubing
IRP500  100'  $14.99
IRP505  500'  $44.99
IRP510  1,000'  $89.99

6" Metal Ground Staples
Use the U-shaped metal staples to secure irrigation tubing to the ground. Can be used on poly tubing, Soaker Hose or drip tape.
EC406  Pack of 100  $9.89
EC407  Pack of 1,000  $65.49

Stick Of 10 Goof Plugs, Double Headed
2 sizes in 1 to correct mistakes, alter systems, or make repairs.
IRH634  $0.79

½" Tubing Mounting Clips
Attaches poly tubing to wooden decks or raised beds. Pack of 5.
IRP520  $2.19

Hole Punch for ¼" Barb Fittings
This sturdy hole punch makes the perfect sized hole for the full size ¼" barbed fittings such as the Tape-Loc ¼" barbed fitting (IRC450) for attaching drip tape to ½" poly tubing.
IRC456  $13.19

Plastic Hole Punch
Punches holes in ½" poly tubing to insert ¼" and most ¼" barbed fittings. Does not make a hole big enough for Tape-Loc ¼" barbed fitting (IRC450) used with drip tape. For that purpose, use IRC456 hole punch.
IRH620  $2.29

Green Punch n’ Cut
The Punch N’ Cut does everything the Pocket Punch does, plus a little more. Use for cutting your poly tubing or soaker hose.
IRH650  $16.39

Deluxe Yellow O-Jet Punch
Bright yellow and easy to see, this punch is meant for helping with installation of the O-jet Sprayers (Ultra-Jet, O-Jet and Micro-Sprayer). Hole in the top makes installation simple.
IRH630  $7.49

Automatic Lateral Flush Valve for ½" Poly
To ensure a system stays properly flushed and doesn’t become susceptible to inline debris an automatic flush valve can be installed.
IRC760  $5.59

NEW Green Mini Punch
Easy-to-use punch tool for use with drip irrigation emitters. Small enough to fit on your keychain. Works with any drip irrigation tubing.
IRH639  $1.19
<table>
<thead>
<tr>
<th>NAME</th>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STARTERS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>¾&quot; Power-Loc™ Female Starter Fitting</td>
<td>Connects ½&quot; poly system to male hose thread (your hose spigot).</td>
<td>IRC730</td>
<td>$2.09</td>
</tr>
<tr>
<td>¾&quot; Power-Loc™ Male Starter Fitting</td>
<td>Connects ½&quot; poly system to female hose thread.</td>
<td>IRC745</td>
<td>$1.29</td>
</tr>
<tr>
<td>½&quot; Power-Loc™ Starter Tee</td>
<td>Connects ½&quot; poly system to male hose thread (your hose spigot) &amp; tees for ½&quot; poly.</td>
<td>IRC700</td>
<td>$3.19</td>
</tr>
<tr>
<td>½&quot; Power-Loc™ Starter Elbow</td>
<td>Connects male hose thread to ½&quot; poly and turns a 90° angle.</td>
<td>IRC705</td>
<td>$1.79</td>
</tr>
<tr>
<td>Dual Line ½&quot; Full Flow Flush Ball Valve</td>
<td>Use at the end of two poly lines to flush out your system. Quick lock connectors for ½” poly pipe</td>
<td>IRC770</td>
<td>$7.49</td>
</tr>
<tr>
<td>Dual Line ½&quot; Full Flow Starter Ball Valve</td>
<td>Female hose thread to hook up to supply line. ½” poly pipe hook up with sleeve lock.</td>
<td>IRC771</td>
<td>$7.49</td>
</tr>
<tr>
<td>Full Flow Starter Ball Valve</td>
<td>Attach to a hose bib. Female hose thread and male hose thread. Can be used at the end of a line to flush system.</td>
<td>IRC772</td>
<td>$5.69</td>
</tr>
<tr>
<td>Power Loc™ ½&quot; Inline Full Flow Ball Valve</td>
<td>High flow inline valve. Quick lock connection for ½” poly pipe</td>
<td>IRC773</td>
<td>$4.29</td>
</tr>
<tr>
<td>Power Loc™ ½” Starter Full Flow Ball Valve</td>
<td>Use to start an irrigation line. Power lock for quick insertion of ½” poly pipe.</td>
<td>IRC774</td>
<td>$4.29</td>
</tr>
<tr>
<td><strong>COUPLERS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>½&quot; Power-Loc™ Coupler</td>
<td>Joins 2 pieces of ½” poly tubing together. Can add to or repair irrigation system.</td>
<td>IRC715</td>
<td>$1.19</td>
</tr>
<tr>
<td>½&quot; Power-Loc™ Elbow</td>
<td>Joins two pieces of poly tubing to turn a 90° angle.</td>
<td>IRC720</td>
<td>$2.19</td>
</tr>
<tr>
<td>½&quot; Power-Loc™ Tee</td>
<td>Joins ½” poly tubing in a 3-way connection.</td>
<td>IRC710</td>
<td>$2.69</td>
</tr>
<tr>
<td>½&quot; Power-Loc™ In-line Valve</td>
<td>Inserts into ½” poly tubing to open or shut off line.</td>
<td>IRC735</td>
<td>$4.29</td>
</tr>
<tr>
<td>In-line ½” Valve</td>
<td>Inserts into ½” poly tubing to open or shut off line.</td>
<td>IRH430</td>
<td>$2.19</td>
</tr>
<tr>
<td><strong>END CAPS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>½” Power-Loc™ End With Screw Cap</td>
<td>Closes end of poly tubing lines. Screw cap removes for easy flushing of system.</td>
<td>IRC725</td>
<td>$1.79</td>
</tr>
<tr>
<td>½” Screw Caps</td>
<td>Replacement for ½” end plug (comes with washer)</td>
<td>IRC542</td>
<td>$0.59</td>
</tr>
<tr>
<td>½” Power-Loc™ End with Flush Valve</td>
<td>Caps end of ½” poly tubing. Ball valve opens to flush out the line.</td>
<td>IRC740</td>
<td>$4.29</td>
</tr>
<tr>
<td>½” Figure 8 Closure</td>
<td>Caps end of poly tubing. An economical yet difficult way to flushing the system.</td>
<td>IRC545</td>
<td>$0.29</td>
</tr>
<tr>
<td><strong>CONNECTORS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Direct Loc ½” 4 Way Connector</td>
<td>Use with ½” poly tubing (fits both ½” 0.700 OD and ½” 0.710 OD tubing). Maximum operating pressure is 70 psi.</td>
<td>IRC750</td>
<td>$3.19</td>
</tr>
<tr>
<td><strong>NEW FULL FLOW BALL VALVES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dual Line ½” Full Flow Flush Ball Valve</td>
<td>Use at the end of two poly lines to flush out your system. Quick lock connectors for ½” poly pipe</td>
<td>IRC770</td>
<td>$7.49</td>
</tr>
</tbody>
</table>
½” & ¼” Emitterline

Soaker Hose

Tips and Tricks

Videos and Articles Available Online

Learn how to assemble soaker hose in our five part irrigation video series.

Groworganic.com/Blogs/Videos

• Video Using Soaker Hose in the Garden

Emitterline

Use inline drip emitter tubing for coverage where meandering line is appropriate, such as landscape plantings of shrubs and perennials.

Continuous, oval, polyethylene tubing with pressure compensating emitters installed internally.

½” Emitterline

Pressure compensating emitters are 12” apart and deliver approximately 1.0 GPH. The tubing is oval, but can be used with our standard Power-Loc™ ½” fittings (See page 59).

IRP700 ½” x 100’ Roll $37.99

(Not pictured)

¼” Emitterline

Pressure compensating emitters are 6” apart and deliver approximately 0.5 GPH at 10 psi. Maximum run length is 18’ per length.

IRP715 ¼” x 100’ Roll $14.19

(Not pictured)

Barbed Poly or Soaker Hose Fittings

Metal Hose Clamp

Secures barbed ½” fittings to Soaker Hose.

IRC607 $0.99

½” Barbed Coupler

Attaches ½” poly tubing to Soaker Hose.

IRC610 $0.39

½” Barbed Elbow

Attaches ½” poly tubing to Soaker Hose.

IRC615 $0.49

½” Barbed End Cap

Inserts into end of Soaker Hose to end the line.

IRC641 $1.89

½” Barbed Tee

Attaches either ½” poly tubing or Mr. Soaker Hose in three directions.

IRC620 $0.49

½” Barbed Hose Starter

IRC625 $2.19
\[\text{\(\frac{1}{8}\)} \text{" Poly Tubing}\]

\(\frac{1}{8}\) and \(\frac{1}{4}\) poly is used to branch off of \(\frac{1}{2}\) poly tubing to serve as a supply line to individual plants. Avoid using \(\frac{1}{4}\) poly tubing to feed several emitters along the same line of tubing, with the exception of inline emitters, as water flow at the end of each emitter will be reduced below stated output; flows to each emitter when separately branching off \(\frac{1}{4}\) poly are more consistent.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRP250</td>
<td>(\frac{1}{4}), 100' Roll</td>
<td>$6.59</td>
</tr>
<tr>
<td>IRP255</td>
<td>(\frac{1}{4}), 500' Roll</td>
<td>$27.39</td>
</tr>
<tr>
<td>IRP200</td>
<td>(\frac{1}{8}), 100' Roll</td>
<td>$4.29</td>
</tr>
</tbody>
</table>

\[\text{\(\frac{3}{4}\)} \text{" Poly Tubing Fittings}\]

- **\(\frac{1}{4}\) Barbed Coupler**
  - Attaches \(\frac{1}{4}\) tubing to \(\frac{1}{4}\) poly tubing.
  - IRC210 $0.19

- **\(\frac{1}{4}\) Elbow**
  - Attaches \(\frac{1}{4}\) tubing to make a 90° angle.
  - IRC215 $0.29

- **\(\frac{1}{4}\) Threaded Barbs**
  - Attaches riser tube to \(\frac{1}{4}\) poly tubing.
  - IRR650 $0.19

- **\(\frac{1}{4}\) Tee**
  - Attaches to \(\frac{1}{4}\) tubing to make a 3-way connection.
  - IRC220 $0.19

- **\(\frac{1}{4}\) Barbed Coupler — Heavy Duty**
  - Longer and stronger than the regular coupler (IRC210).
  - IRC211 $0.19

- **Vari-Flow™**
  - Convenient in-line valve to use with \(\frac{1}{4}\) poly tubing either directly off \(\frac{1}{8}\) poly tubing or somewhere closer to water outlet.
  - IRH415 $0.89

- **NEW Stake Assembly**
  - 24" Riser Lead \(\frac{1}{4}\) Barb
  - Great to water tall plants. Includes a barb to hook up to your \(\frac{1}{4}\) supply line and a 24" riser. 12½" tall stake keeps the riser in place.
  - IRR660 $1.89

- **Short Stake**
  - Holds \(\frac{1}{4}\) poly tubing securely in place.
  - IRR605 $0.29

- **\(\frac{1}{4}\) Riser Tubes**
  - Raise level of O-Jets. Can be cut to any size
  - IRR642 12" $0.19
  - IRR648 18" $0.29

- **Irrigation Stake For \(\frac{1}{4}\)" Poly, 12" Long**
  - Supports \(\frac{1}{4}\) poly tubing with O-Jets, Ultra-Jets or Micro-Sprayers.
  - IRR609 $0.89

- **O-Jet Sprayer Spike Stake**
  - 5" spike stake allows secure installation of O-Jet, Ultra-Jet and Micro-Sprayers on \(\frac{1}{4}\)" risers.
  - IRR611 $0.59

Toll Free (888) 784-1722 GrowOrganic.com
Drip Tape

There are lots of good reasons to use drip irrigation! Drip irrigation can lower your water bill, protect our water resources, and even increase your crop yield by applying deep water. If you bury the irrigation lines you’ll thwart annual weeds too, which do not thrive in areas without ground-level water (near where they germinate).

Smart Pot Bed Wetter Soaker Hoses
The sensible way to water raised beds and other large containers. Meets the lead-free standard under the Federal Safe Drinking Water Act.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Length</th>
<th>Application</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRP610</td>
<td>4'</td>
<td>works best in a 15 gal Smart Pot</td>
<td>$10.99</td>
</tr>
<tr>
<td>IRP615</td>
<td>10.5'</td>
<td>works best in a 50 gal Smart Pot</td>
<td>$13.49</td>
</tr>
<tr>
<td>IRP620</td>
<td>13.5'</td>
<td>works best in a 100 gal and up Smart Pot</td>
<td>$15.49</td>
</tr>
</tbody>
</table>

Smart Pot Big Bag Bed
Fabric raised bed. Just unfold, fill and plant! Weatherproof — lasts 3–5 years depending on location, warms quickly in spring — releases excessive heat in summer. Provides excellent drainage and air prunes for better root structure. Discourages ground pests such as gophers and moles.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP2548</td>
<td>15 Gal, 24&quot; W x 8&quot; H</td>
<td>$16.49</td>
</tr>
<tr>
<td>GP2549</td>
<td>50 Gal, 36&quot; W x 12&quot; H</td>
<td>$27.39</td>
</tr>
<tr>
<td>GP2551</td>
<td>100 Gal, 50&quot; W x 12&quot; H</td>
<td>$38.99</td>
</tr>
</tbody>
</table>
Preferred by Farmers: CHAPIN Drip Tape & Irritec Irriway™ Drip Tape

Slits are every 8” and must be operated at low pressure (approx 10 psi). The low pressure can be achieved by installing a pressure regulator such as our IRH819. Use for straight runs in relatively level situations. Remember, Drip Tape can only be set up in straight lines, any bends will pinch the water flow!

Chapin Drip Tape
IRP416  15 Mil 100’ Roll  $16.99
IRP417  15 Mil 500’ Roll  $54.99
IRP415  15 Mil 4000’ Roll  $235

NEW Irritec Irriway™ Drip Tape
IRP445  8 Mil 100’  $9.99
IRP446  8 Mil 500’  $23.99
IRP440  5 Mil 13,000’ Roll  $219
IRP447  8 Mil 7,500’  $209

Drip Tape Fittings

- Tape-Loc™ ½” Barbed
  Inserts into the end of poly tubing to make a single line of drip tape.
  IRC470  $0.99

- Tape-Loc™ Elbow
  Connector allows you to make a 90° turn.
  IRC415  $2.59

- Tape-Loc™ Hose Starter
  Connects one line of drip tape to hose spigot or garden hose.
  IRC425  $2.19

- Tape-Loc™ Coupler
  Attaches two pieces of drip tape together.
  IRC410  $0.79

- Tape-Loc™ Tee
  Allows drip tape lines to run in three different directions.
  IRC420  $2.69

- Tape-Loc™ End with Cap
  Inserts into the end of drip tape to end the line. Cap can be unscrewed to flush.
  IRC440  $1.59

- Tape-Loc™-Sleeve ¼” Barbed
  The barbed end punches into the side of the poly tubing and Loc-Sleeve secures the drip tape.
  IRC450  $0.79

- Tape-Loc™-Sleeve ¼” Barbed with Shutoff
  Allows you to shut off individual drip tape lines.
  IRC454  $2.19

- Drip Tape Sleeve End
  Another way to end drip tape runs.
  IRC441  $0.29
**Mini Sprinklers**

**SET UP 1 – Connect to Riser Tube with Stake:**
Connect any of the threaded sprayer tips *(next page)* to the end of a riser tube (IRR642 or IRR648, 12" or 18") installed on the Spike Stake (IRR611) (which includes a barb that can insert directly into ¼" poly or into the side of ½" poly).

**SET UP 2 – Connect to Riser Tube with Threaded Coupler**
Sprayers on riser tubes may also be connected directly into ½" poly tubing with a ¼" threaded barb (IRR650).

**SET UP 3 – Connect to ¼" Poly**
Connect any of the threaded sprayers directly onto the end of ¼" poly tubing held by a 12" irrigation stake (IRR609) and connected to ½" poly with ¼" barbed coupler (IRC210/211).

**SET UP 4 – For Olson Mini-Sprinklers Only**
You can also use an Olson riser, a clamp that pokes a hole directly into the tubing, and a base to stabilize the set-up. Hold to the ground by ground staples.

---

**Olson Mini-Sprinklers**
⅜" thread with full circle irrigation delivered by a central wing style rotor. Provides a broad throw pattern with even water distribution.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Spray Diameter</th>
<th>Price</th>
<th>Spray Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRS620 (Black)</td>
<td>10-30</td>
<td>4.4-7.3</td>
<td>11’-17’</td>
<td>$1.59</td>
<td>360°</td>
</tr>
<tr>
<td>IRS619 (Red)</td>
<td>10.2-30.5</td>
<td>19’-26’</td>
<td>$1.09</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**A Olson Stabilizer Base For Clamp**
Stabilizes sprinkler assembly on the ground. Can use ground staples for additional stability.
IRD620 $0.69

**B Olson Clamp For ⅜" Sprinkler Riser**
Clamp holds riser to base and transfers water from poly tubing to mini-sprinkler.
IRD628 $1.29

**C Olson Riser, ⅜" x 6”**
For use with Olson mini-sprinklers only. Attaches to clamp and base. Risers screw together for additional height.
IRD615 $1.09
**Micro-Sprayers With Flow Control**
Where customized emitter flows are needed. Vari-Jets™ combine a threaded barb base, spray cap, and flow valve in one unit that is installed the same way as the O-Jet Sprayers. Three spray patterns are available and the throw radius and gph are easily adjusted down to zero using the built-in ball valve. Optimal operating pressure is 20 psi.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Spray Diameter</th>
<th>Price</th>
<th>Spray Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRS700 (Red)</td>
<td>20</td>
<td>0-23.3</td>
<td>up to 20’</td>
<td>$1.29</td>
<td>360°</td>
</tr>
<tr>
<td>IRS705 (Blue)</td>
<td>20</td>
<td>0-24</td>
<td>up to 20’</td>
<td>$1.29</td>
<td>180°</td>
</tr>
<tr>
<td>IRS710 (Black)</td>
<td>20</td>
<td>0-24.5</td>
<td>up to 18’</td>
<td>$1.29</td>
<td>90°</td>
</tr>
</tbody>
</table>

**Olson Ultra-Jet Sprayers**
Ultra-Jets are used for ground covers, under trees, and in areas that need moderate water coverage. The Ultra-Jet provides stream type spray.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Spray Diameter</th>
<th>Price</th>
<th>Spray Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRS692 (Red)</td>
<td>10</td>
<td>17.6</td>
<td>16’</td>
<td>$0.59</td>
<td>360°</td>
</tr>
<tr>
<td>IRS686 (Blue)</td>
<td>10</td>
<td>6.8</td>
<td>10’</td>
<td>$0.59</td>
<td>180°</td>
</tr>
<tr>
<td>IRS680 (Black)</td>
<td>10</td>
<td>4.5</td>
<td>8’</td>
<td>$0.59</td>
<td>360°</td>
</tr>
<tr>
<td>IRS694 (Red)</td>
<td>10</td>
<td>17.6</td>
<td>8’</td>
<td>$0.59</td>
<td>180°</td>
</tr>
<tr>
<td>IRS688 (Blue)</td>
<td>10</td>
<td>6.8</td>
<td>8’</td>
<td>$0.59</td>
<td>360°</td>
</tr>
<tr>
<td>IRS682 (Black)</td>
<td>10</td>
<td>4.5</td>
<td>8’</td>
<td>$0.59</td>
<td>180°</td>
</tr>
</tbody>
</table>

**Olson O-Jet Sprayers**
O-Jet Sprayers are used for ground covers and areas that need full water coverage. A deflection cap creates a fan spray pattern that thoroughly saturates the area at a lower pressure than conventional sprinklers.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Spray Diameter</th>
<th>Price</th>
<th>Spray Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRS664 (Red)</td>
<td>10</td>
<td>18.2</td>
<td>18’</td>
<td>$0.25</td>
<td>90°</td>
</tr>
<tr>
<td>IRS654 (Blue)</td>
<td>10</td>
<td>7.0</td>
<td>10’</td>
<td>$0.25</td>
<td>180°</td>
</tr>
<tr>
<td>IRS644 (Black)</td>
<td>10</td>
<td>4.4</td>
<td>8’</td>
<td>$0.25</td>
<td>360°</td>
</tr>
<tr>
<td>IRS662 (Red)</td>
<td>10</td>
<td>18.2</td>
<td>11’</td>
<td>$0.25</td>
<td>180°</td>
</tr>
<tr>
<td>IRS652 (Blue)</td>
<td>10</td>
<td>7.0</td>
<td>7’</td>
<td>$0.25</td>
<td>360°</td>
</tr>
<tr>
<td>IRS642 (Black)</td>
<td>10</td>
<td>4.4</td>
<td>6’</td>
<td>$0.25</td>
<td>180°</td>
</tr>
<tr>
<td>IRS660 (Red)</td>
<td>10</td>
<td>18.2</td>
<td>10’</td>
<td>$0.25</td>
<td>180°</td>
</tr>
<tr>
<td>IRS650 (Blue)</td>
<td>10</td>
<td>7.0</td>
<td>7’</td>
<td>$0.25</td>
<td>360°</td>
</tr>
<tr>
<td>IRS640 (Black)</td>
<td>10</td>
<td>4.4</td>
<td>6’</td>
<td>$0.25</td>
<td>180°</td>
</tr>
<tr>
<td>IRS669 (Red)</td>
<td>10</td>
<td>18.2</td>
<td>12’</td>
<td>$0.25</td>
<td>30°/30°</td>
</tr>
<tr>
<td>IRS659 (Blue)</td>
<td>10</td>
<td>7.0</td>
<td>10’</td>
<td>$0.25</td>
<td>30°/30°</td>
</tr>
<tr>
<td>IRS649 (Black)</td>
<td>10</td>
<td>4.4</td>
<td>8’</td>
<td>$0.25</td>
<td>30°/30°</td>
</tr>
</tbody>
</table>
Sprays

Spectrum Spray 360
Use to cover a circular area in an even coat of water. Emitters attach to ½" or ¼" poly to deliver water to landscape or garden. Emits water in a full 360° pattern. Adjustable from 0-20 gph and at 30 psi will cover up to a 108" diameter. Do not use with a psi over 30.

IRS800 Emitter only $0.69
IRS805 Emitter on stake, includes ¼" barbed coupler $1.09

Shrubbler® On A Stake
Irrigation of trees and shrubs. This adjustable spray head is permanently mounted on a 4½" riser stake for watering shrubs and trees. At 30 psi, it can deliver up to 15 gph in a full circle pattern or be dialed to any output within its range or shut off. Both volume and distance are adjustable. Sprays to a maximum of 26" diameter at 30 psi. It comes with a removable transfer barb to install with ¼" tubing.

IRE205 $0.89

Aquatic Tri-Tip Sprayers
Ideal for irrigating containers. Ingenious device that provides a choice of three flow rates and a 4¼" stake in one unit. Three flow tips deliver low (4.8 gph), medium (7.8 gph) or high (10.8 gph) flows at 10 psi. Choose which flow tip you want to use and insert one end of a piece of ¼" poly tubing onto that tip and connect the other end of the ¼" tubing to ½" poly tubing with an ¼" barbed coupler.

IRE250 $0.79

NEW Adjustable Micro Bubbler With Stake
Click adjustment from off to full flow; ideal as the plant grows and its need for water changes. Recommended for planter boxes, large pots, groundcovers, and shrubs. Removable cap for easy cleaning. Operating pressure: 15-30 psi. Adjustable from 0-31 gph and from 0-18" diameter coverage. Minimum 150 mesh filter requirement.

IRE211 $1.09

Fogger-Mister
For misting greenhouse seedlings. Install these misting emitters anywhere you need an extremely fine spray on delicate seedlings or plants, or to create high humidity. Attach to ½" poly tubing using ¼" emitter fittings and poly tubing. Manufacturer’s recommended flow rate is 2 gph at 20 psi.

IRE200 $1.09
**NEW Adjustable Micro Bubbler With Barb**
Ideal as the plant grows and its need for water changes. Click adjustment from off to full flow. Recommended for planter boxes, large pots, groundcovers, and shrubs. Removable cap for easy cleaning. Operating pressure is 15-30 psi. Adjustable from 0-31 gph and from 0-18” diameter coverage. Requires a minimum of 150 mesh filter.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRE210</td>
<td>15-30</td>
<td>0-31</td>
<td>$0.79</td>
</tr>
</tbody>
</table>

**Shrubbler Emitter**
This adjustable spray head can be inserted into ¼" poly for watering shrubs and trees. Dial for shut-off or adjustment of output from 360 degree full circle pattern. Volume and distance are both adjustable. Can deliver 15 gph at 30 psi. Depending on water pressure can spray up to 26”.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRE206</td>
<td>30</td>
<td>15</td>
<td>$0.69</td>
</tr>
</tbody>
</table>

**Flag Emitters**
Where water delivery to an individual plant is needed. Emitters attach to ¼" poly. Remove flag end to easily flush. Install pointed end into water supply. The end where the water comes out can either be placed onto the ground (not stuck into the ground), or installed next to the plant with the help of a Short Stake IRR605 (See page 61).

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRE201</td>
<td>1</td>
<td>1</td>
<td>$0.39</td>
</tr>
<tr>
<td>IRE202</td>
<td>10-15</td>
<td>2</td>
<td>$0.39</td>
</tr>
<tr>
<td>IRE204</td>
<td>4</td>
<td></td>
<td>$0.39</td>
</tr>
</tbody>
</table>

**Mini-Flo Inline Emitters**
Where customized emitter spacing is needed. Inline emitter with two ¼” barbed ends which can be installed along ¼” poly tubing. Distances between emitters may be customized to meet your needs.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRE401</td>
<td>10-30</td>
<td>0.5</td>
<td>$0.59</td>
</tr>
<tr>
<td>IRE402</td>
<td>1</td>
<td>1</td>
<td>$0.69</td>
</tr>
</tbody>
</table>

**Pressure-Compensating Emitters**
Where inconsistent water pressure is a problem. Delivers uniform flow rates. Turbulent flow path and self-flushing action resists plugging. Each emitter end has a ¼” barb to attach into ½” or ¼” poly.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PSI</th>
<th>GPH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRE302</td>
<td>15-50</td>
<td>1</td>
<td>$0.59</td>
</tr>
<tr>
<td>IRE303</td>
<td>2</td>
<td>1</td>
<td>$0.59</td>
</tr>
</tbody>
</table>

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