

# Square Foot Victory Garden

Every drip irrigation system should have a vacuum breaker (backflow prevention device), fertilizer injector, preset pressure regulator, and a screen filter. After you install a drip irrigation system, there virtually is no longer a way to apply a dry granular fertilizer to the surface of the ground and have it leached into the ground by overhead watering. Therefore, the nutrients must flow out to the plants with the irrigation water. This concept is called fertigation. It is the only easy, efficient, and economical way to fertilize as you irrigate.

Once the filter, pressure regulator and fertilizer injector are attached to the control valve, you're ready to attach the polyethylene mainline that you will run over to the Square Foot Victory Garden. There are numerous types of emission devices you can use to distribute the irrigation water directly to each plant. The most common component is what is called an emitter. They are available in different flow rates and can either be inserted directly into the mainline or at the end of a piece of ¼" tubing, that is attached to the mainline with a ¼" coupling. Also available are micro-sprinklers, foggers, ¼" dripperline that has emission holes (usually ½ gph) every 6" or 12" along its entire length, and porous pipe which weeps along its entire length. Barbed or compression fittings are available to connect all components.

## Square Foot Victory Garden Drip Irrigation System Kit

### Comes complete with:

- (1) ¾" FHT x MHT Vacuum Breaker (backflow prevention device)
- (1) ¾" FHT x MHT pint capacity Add-It® Fertilizer Injector
- (1) ¾" FHT x MHT 'tee' filter with 150 mesh stainless steel element
- (1) ¾" FHT x MHT Pressure Regulator preset at 19 PSI
- (2) ¾" PVC Adaptor Fittings (for attaching 'Head' unit to ¾" anti-siphon valve)
- (1) 16mm Hose Swivel
- (1) Hole Punch
- (20) 'Goof' Plugs (or ¼" tubing end plug)
- (100') 16mm (5/8") Polyethylene Hose
- (100') ¼" Polyethylene Tubing
- (100') ¼" dripperline with ½ GPH Emitters @ 6" Spacing
- (50) 1 GPH Barbed Emitters
- (6) 16mm Barbed Elbows
- (6) 16mm Barbed Tees
- (6) 16mm Barbed Couplings
- (8) 16mm End Clamps
- (24) ¼" Barbed Couplings
- (6) ¼" Barbed Tees
- (12) 16mm Tie-Down Stakes
- (12) ¼" Tubing Stakes
- (1) Micro-Spray (full circle) with Riser & Adaptor, ¼" Barbed Coupling, (4') ¼" Tubing & Support Stake  
(This is great for providing a temporary overhead spray for germinating seeds!)

***Drip Rite Irrigation Products™***

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