

# Different types of drip systems:

**1) Emitter**— These systems deliver water through non-porous plastic tubing to evenly spaced emitters or "drippers". These emitters are fairly easy to install but require frequent maintenance to adjust and unplug. The initial investment is significant, as is the ongoing operation expense of supplying filtered, chlorinated water.

**2) Drip Tape** — This collapsible, black, plastic film tubing has emitter holes spaced 8" to 12" apart. Pressure and flow rates are reduced through sealed chambers which tend to plug even when using filtered and chlorinated irrigation water. The initial cost of the tubing is relatively inexpensive, but generally has a life span of only one growing season.

**3) Porous Rubber Hose** —Made of scrap rubber tire, this product emits water through small perforations in the hose wall. It suffers from non-uniformity of water distribution, short longevity due to rotting and clogging, and is considerably more costly than alternative products.

**4) Micro-porous Tubing** — Irrigro micro-porous tubing is manufactured from durable DuPont Tyvek, a fibrous, spun-bonded polyethylene material which is inert to chemical and bacterial attack.