Drip…Drip…
Drip Irrigation for Small Gardens

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Types of Irrigation

- Sprinklers
- Soaker Hoses
- Drip Irrigation Systems
- PROs and CONs
Getting Started

- Male vs. Female
- Pipe Thread vs. Hose Thread
- FPT, MPT, FHT, MHT
Setup at Spigot
Y-valve/ Hose splitter
Essential Parts

- Pressure Regulator
  - Essential!
- Filter
  - Has replaceable screens inside
Setup at Spigot
Timers

- Are your new best friends
  - The type of timer you choose can save you endless hours of work and allow you to create a very diverse system if you want.
- Manual vs. Electronic
Tubing and Fittings

- ½” and ¼”; 5/8”??
- Solid or with emitters
  - Mainline
- Emitter spacing
- Fittings and couplings
- EZ-Loc, barbed, compression
- Punch tool
- PVC
Emitters
Layout
Soaker Hose
Containers and circles
This is all you need
Works for large or small spaces
Think about placement
Installation
Tricks of the Trade
Trenching
Series trenching
Installation

Tricks of the Trade
Valve placement
My ideal valve placement
U-pins
Talon Clamps
Valve Box
Factors in Play

- Soil type
- Crop
- Have U-pins on hand: 3” and 6”
  - Also have a box cutter
  - Tubing clamps
Timer suggestions

- Spring: 20-30 minutes, 8:30a, every 2-3 days
- Summer: 30-45 minutes, 5:30a and 5:30p, every day
- Fall: 20-30 minutes, 8:30a, every 2-3 days
Rain barrels, ie. gravity
Winterizing

- Bring timer and all electronic parts inside, remove batteries
- Drain lines
- Seal open ends of lines with plastic bags
- When restarting system in the spring make sure to clear lines
Irrigation Kits

- Always a great place to get started!
  - Garden bed kits
  - Individual plant kits
  - Drip tape kits
  - Small and Large!
Sources

- Dripworks (CA)
- Home Depot (DC)
- Fragers (DC)
- Berry Hill Drip Irrigation (VA)