



Morris Nursery



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Efficient Irrigation Techniques

Efficient irrigation means using available water properly. Most people water their landscapes more than is necessary for the health of their plants and lawns. Some ways we can help to conserve yet enjoy a beautiful yard.

Maximize your existing system:

- 1) Learn how to use and set your sprinkler timer.
- 2) Do a visual check to look for broken sprinklers or risers.
- 3) Replace any old sprinkler bodies that may leak around wiper seal or do not pop-up or go down properly.
- 4) Be sure that nozzles are correct for the area in both radius and arc.
- 5) If there are not enough sprinklers on a valve to use the available water, the sprinklers will mist instead of droplets. There are solutions to this available.

Change shrub areas from solid set sprinklers to drip. The difference is with drip irrigation we only water the areas and plants that we want to water. No water is put to open areas to water the weeds.

- 1) Replace sprinklers with multiple outlet drip ports. They range from 4 ports up to 12. We carry 4, 6, and 8.
- 2) Run ¼" tubing from ports to plants. Use stakes to hold tubing in place. Add emitters as necessary for slow, deep watering.
- 3) Cap all unused risers.
- 4) Another method is to remove all sprinklers from shrub areas. Then cap all risers except 1 or 2. From those risers connect ½" drip tubing to be snaked through shrubs and trees. Connect ¼" tubing and run to plants. Turn on water to blow out any dirt in lines. Attach Emitters.

Adding drip to pots from existing sprinklers. This is an easy answer to lessen hand watering.

- 1) Remove sprinkler from top of riser. Add riser extender with adapter for ¼" tube. Use an emitter with a stake to secure it in pot. Adjust for proper water for time run.
- 2) For several pots, remove sprinkler and add a tee and riser above tee to reattach Sprinkler. Attach ½" tube and snake around pots. Run ¼" tube to each pot and attach emitter.