

# SET-UP INSTRUCTIONS FOR YOUR ROW CROP DRIP IRRIGATION KIT

1. Open box and take everything out. You should have two plastic bags. Inside one bag you should have: one Female Hose Beginning, one Easy Loc Coupler, one Y Filter, one Figure Eight, ten Goof Plugs and one Easy Grip Punch. In the other bag, you should have: ten Tape Loc Barbs, ten Grip Sleeve Ends, and one Tape Loc Coupler. Also in the box: a bundle of metal "U" Stakes, 100 ft. roll of Mainline Tubing and two 100 ft. rolls of Flat Drip Tape .
2. Uncoil your Mainline Tubing and determine how many feet you need for you garden.
3. Once you have determined that, attach the Y Filter to your rain harvesting system.
4. Now, attach the Female Hose Beginning to the end that's closest to your rain barrel system on your Mainline Tubing. When finished, attach it to the Filter. At the other end, use a Figure 8 to end the line.
5. Lay the Mainline Tubing into position using the U-Shaped Hold-downs to keep the tubing in place.
6. Determine how many lines of Drip Tape you will run in your garden. You can use regular scissors to cut your tape.
7. Now, you need to attach your Drip Tape Line to your Mainline Tubing. To do so, you need to take the Tape Loc ¼" Barb and connect it to your Drip Tape, turning the locking collar clockwise to tighten.
8. Next, you need to attach the Tape Loc Fittings to your Mainline Tubing. Simply punch a hole, using your Easy Grip punch in the Mainline Tubing and insert the barbed end into the punched hole.
9. On the other end of each Drip Tape Line, you need to use a Grip-sleeve end.

## TIPS

- \*When rolling out Main Line Tubing, allow to soften in the sun for 20 minutes. Use basic garden pruners to cut the tubing.
- \*Install the Drip Tape with the slits facing up. This prevents the settling of sediment in the outlets that could cause plugging.
- \*You can use Hold-downs on the ends of your Drip Tape as well as your Mainline Tubing.
- \*If you cover your Drip Tape with mulch, it will last up to seven years. If left uncovered, it will deteriorate in about four.
- \*Use the Tape Loc Coupler for joining two sections of Drip Tape.
- \*Use the Two-way Goof Plugs to repair small or large holes in the Mainline Tubing.
- \*Use the larger Coupler for joining the two pieces of ½" Mainline Tubing.
- \*To create a tight seal, be sure the Drip Tape is warm and pliable before attaching to the Tape Loc Barb. If leakage continues to occur, a ¼ turn with pliers should suffice.

## FREEZE PROTECTION:

- \*After removing the timer, plug the Beginning of the Mainline Tubing or use a plastic bag and rubber band over the opening. Do not leave lines open.
- \*Tubing is not damaged by freezing, but fittings will crack if water is left in them. Elevate low spots!
- \*A widely used practice is to blow air through the lines after opening the end by removing the end piece. As long as the Tubing is not full of water there should be no damage.
- \*Use the larger Coupler for joining the two pieces of ½" Mainline Tubing

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