

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 Y Filter, one Tee, two Figure Eights, 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 box: a bundle of metal "U" Stakes, one 50 ft or 100 ft. roll of Mainline Tubing and one 100 ft. roll of Flat Drip Tape
2. Uncoil your Mainline Tubing and determine how many feet you need for your 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 you 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. A 4 foot wide bed will need at least 3 lines. 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 1/4" Barb and connect it to your Drip Tape in the same way that you attached your Female Hose Beginning, except this time, you cut the Drip Tape at a right angle.
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 printed side and outlets facing up. This prevents the settling of sediment in the inlets that could cause plugging.
- *You can use the Hold-downs on 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 or repairing line.
- *Use the Two-way Goof Plugs to repair small or large holes in the Mainline Tubing.
- *Use the Tee, when you want to branch off the Mainline Tubing in two directions.
- ***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 1/4 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.

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