

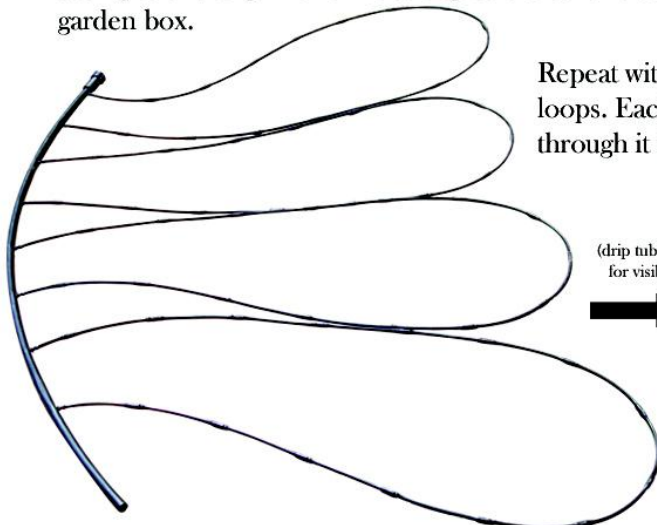
John Chapman's Fast Food Box Garden Irrigation System

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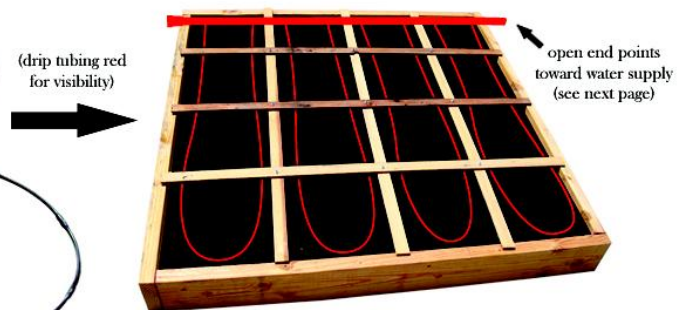


Installing the 1/4 inch drip tubing

1. The 1/2 inch poly tubing has been pre-punched for snapping in the drip lines.
2. Snap one end of the connector into a hole in the poly tubing and the other end of the drip line into the next hole in the poly tubing so the drip line forms a loop to the other side of the garden box.



Repeat with each drip line until you attach all four drip line loops. Each 12" square will have two drip tubing running through it in a loop - lines are six inches apart.

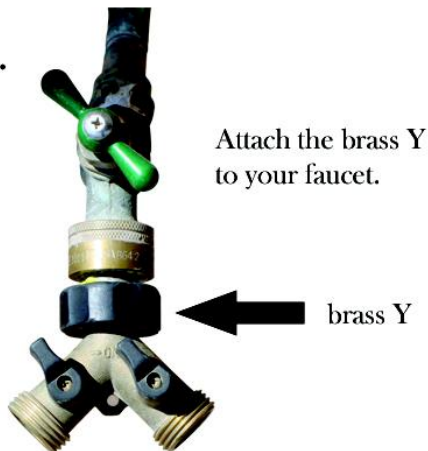


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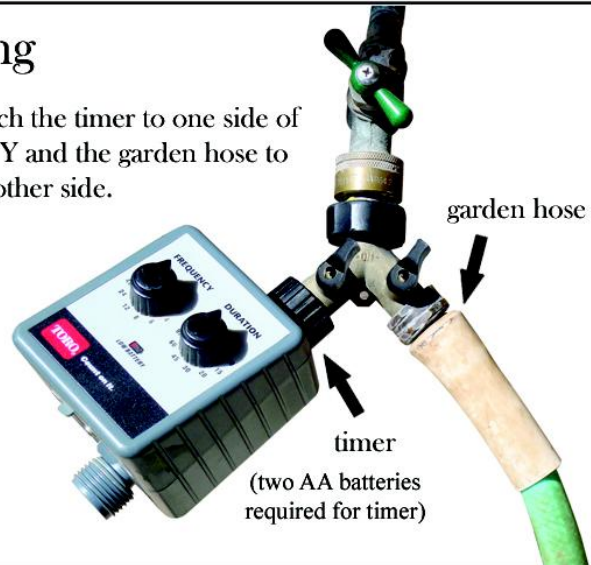
3. Lay down the ½ poly tubing along one side of the garden box on top of the soil and the open end of the poly tubing pointing toward your water supply and secure it with several staples.
 4. Push a staple over the loop and along the drip lines into the soil to hold them flat and in place.
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Installing the ½ inch poly tubing

5.



Attach the timer to one side of the Y and the garden hose to the other side.



6. Screw on the ribbed pressure regulator. **A**
7. Screw the swivel hose fitting on to pressure regulator **B** (the one with threads).
8. You have been provided with 50ft of poly tubing **C** so you can afford to be generous with it. Before screwing on the swivel hose fitting, push the end of the poly tubing into it. You will need to work it back and forth and up and down to get it to go on. It is a tight fit to form a seal.



9. Roll out the poly tubing to the stub end of poly tubing coming out of your garden box and cut the tubing coming from the timer. Join the two ends together with the coupling working each end back and forth and up and down until an inch or so have passed into the coupler.

If you desire a hidden look and want the poly tubing under ground; run the tubing down to the ground and into a trench. Cut the tubing and press on the 90 degree elbows and refill the trench..

When you want to add another box, just cut the ½ inch poly tubing, press on a T and run some more tubing into the next box. With inline on and off valves you can have several grow boxes all using the same timer.

10. You are now ready to plant: seeds or transplants

Note: You save 6- 8 weeks with transplants over seeds, however root vegetables like carrots cannot be transplanted and have to be direct seeded into the garden.