

# COLD FRAME



## Supplies:

- (6) Non-threaded PVC 90 degree side-outs
- 40' of PVC pipe ((4x) 10' poles)
- 6' of clear 4-mil plastic sheeting
- 5' of 3/4" irrigation line (cut into 2" pieces)
- Hacksaw
- Scissors (large)
- Measuring tape
- Marker
- (4) Eye bolts
- (4) Garden staples (longer the better)

## Directions:

1. Measure and mark (4) 10' PVC poles into (3x) 46" sections and (6x) 34" sections. Use a hacksaw to precisely cut poles on measured lines. These sections will be the supports of your cold frame.
2. First build the rectangular base frame, connecting 2 of the 46" PVC sections to 2 of the 34" PVC sections by inserting the sections into 4 of the PVC side-outs at the corners. Next, insert a 34" PVC section into the exposed connection at each corner so that it is "straight up", and perpendicular to the base. Insert a side-out elbow on ends of exposed 34" sections, joining them together on each side and so each remaining elbow socket faces inward toward the length of the rectangle (you'll have to bend the PVC a little to make this happen). Complete the frame by adding the final 46" cross-section, connecting the side-outs atop each peaked section. Make sure all pipes are firmly seated in their connectors.
3. On the bottom rectangular PVC frame, pre-drill holes into the center of each side and screw in an eye bolt so the ring is secured horizontal and parallel to the ground. These will be the holes through which the cold frame can be staked into the ground with garden staples.
4. Spread out 4-mil plastic sheeting and drape over cold frame so the edges overhang the bottom rectangular base. Pull tight from all four corners to remove slack from the sides.
5. Use the hacksaw to cut the 5 feet of 3/4" irrigation line into 2" sections. Now, using a large pair of scissors, cut a length-wise slit into each 2" section.
6. Starting at the peaked crossbeam, use black irrigation sections as clips to wrap around the frame, attaching the plastic sheeting to the PVC edges. Clips should be placed on all straight sections of the frame near jointed intersections. Repeat this process while keeping plastic taught over frame.



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