



Kentucky Extension
Master Gardener



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

RECYCLED BOTTLE PLANTER

Materials:

- Plastic bottle – approximately 16.9-20 oz. (use any bottle that will be stable when sitting on a flat surface)
- Drill
- 1/8-inch drill bit
- Utility knife
- Small spray bottle for watering
- Potting soil
- Seeds

1. Wash and rinse the plastic bottle.
2. Drill 3 holes in the cap of the bottle.



- a.) Put the cap on the bottle and set on a stable surface for drilling
- b.) These holes will be the drainage holes for when you water the seeds/plants.



3. Using the utility knife, start about 4.5 inches from the bottom of the bottle and cut it into 2 pieces.
4. Tip the top portion of the bottle (with the cap on) upside down and put it in the bottom portion of the bottle. Fill the top portion of the bottle with potting soil.
5. Put water in the spray bottle and mist the soil until it is thoroughly damp; the soil will settle some and you may need to add more and mist again;
 - a.) Using a spray bottle to water helps to keep from pushing soil out of the bottle which is very easy to do if watering with a stream of water;
 - b.) Use any water that accumulates in the bottom of the bottle to water your plants.



6. Plant 2-3 seeds in the soil; plant at the depth recommended on the seed package.
7. When the seeds have emerged and the plants are approximately 1.5 inches tall, thin the plants;
 - a.) Using scissors, cut all but 1 plant off at the soil level;
 - b.) Thinning will produce a stronger plant.
8. When the plant is approximately 3 inches tall it will be ready to plant in your garden. "Harden off" the seedling before transplanting;
 - a.) About 2 weeks before transplanting, take the seedling outdoors in the daytime and bring it inside at night.
 - b.) Transplant to a suitable site.

HAPPY GARDENING!!

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Association volunteer (All photo credits)

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