

Community solutions for growing your own food

A Self-watering container is a low tech do-it-yourself planter, that ensures that your plants don't dry out. It uses two—5 gallon buckets that have a water reservoirs that keep soil moist and allows roots to draw moisture, as they need it.

- Efficient, requires less water because the water reservoir reduce evaporation, and uses up to 95% less water than a regular plant container
- Self-Watering , saves time , water less often, use less fertilizer, and it depends on your environmental conditions
- Great for growing chilis, basil, chard and other vegetables
- Sustainable, protects the environment because it reduce nutrient leaching



How it works:

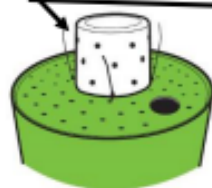
Planting Bucket : filled with potting soil for better wicking action and drainage



Drain Holes: allows water to drain back into the reservoir and prevents water logged soils

Overflow Hole: will serve to spill off overflow from the reservoir chamber

Wicking Cup: filled with potting soil to draws water up from the reservoir into the planting bucket for the roots to reach. Made out of a yogurt container



Bucket Lid (or mulch layer): preserves moisture, reduce evaporation, reflect light up to the plant, maintains temperature constant

Inflow Tube: allows you to add water to the reservoir in the bottom bucket

Fertilizer: a layer of worm castings or compost can be applied monthly around the plant under the lid

Angled cut: will allow water to flow freely out of the inflow tube and into the reservoir



Reservoir Bucket: outer bucket or bottom bucket which holds the water the plant uses