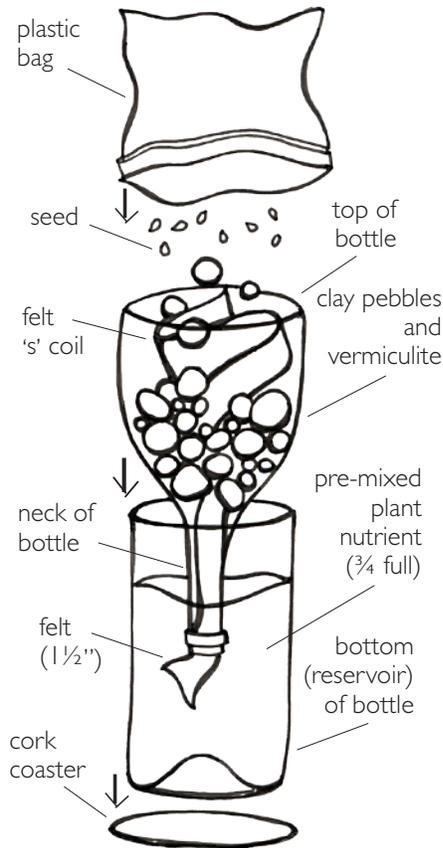


growbottle™

upcycled hydrogarden



planting | growing. **1.** Open growbottle™, empty contents and set aside. Remove tissue 'stopper' from the neck of bottle. **2.** Pour plant nutrient into a recycled 1 gallon milk/water jug and fill with water. (This will be used to fill your reservoir later). **3.** Insert the felt down through neck of the bottle leaving 1 1/2" sticking out the bottom. **4.** Coil the remaining felt within the top of the growbottle™ in an 's' shape. The idea is to create good water distribution within the clay pebbles. **5.** Pour the clay pebbles into the top to surround the felt. **6.** Hold top of growbottle™ over sink and let water run through briefly for the clay pebbles and felt to rinse and hydrate. **7.** Nest the top and the bottom of the growbottle™ together and pour pre-mixed plant nutrient over the clay pebbles. Let drain into the reservoir until 3/4 full. **8.** Sprinkle vermiculite evenly over pebbles to increase moisture retention for seed germination. **9.** Open seed and spread evenly over the clay pebbles. The seed should fall in between the pebbles. **10.** Cover the top of the growbottle™ with a plastic bag and place in a warm location out of direct sunlight. Place cork coaster (sticky side up) under your bottle. **11.** Use a spray bottle to spray the clay pebbles and seed daily to keep moist. **12.** Seed will sprout in 7-10 days. **13.** Once the sprouts reach 1 inch, remove plastic and place in a warm and sunny location. (note. If you place your growbottle™ on a windowsill, remove when outside temperatures are below 45°F / 7°C to prevent cold damage to plant). **14.** Continue to spray clay pebbles daily with water until the seedlings are established. **15.** If after removing the plastic bag you notice the seedlings start to wilt, place bag back over bottle. They may need a little more time to develop. **16.** Once seedlings are established, simply refill the reservoir with pre-mixed plant nutrient as needed. The felt will wick water up to hydrate the clay pebbles. Roots will begin to grow down through the neck and into the reservoir.

note. Your growbottle™ is meant to be reused. To clean after growing cycle is complete, simply empty and put the bottle into dishwasher or wash by hand. The clay pebbles can be reused as well. Simply rinse off and use again.

* **replant kits.** To order a growbottle™ replant kit that includes plant nutrient, wool wick, vermiculite and organic basil, oregano, parsley, chives or heirloom mint seed, please contact us at:

POTTING SHED CREATIONS, LTD.™

Tips for growing growbottles™

Most seeds need a soil (or water) temperature in the 70°-75°F (21°-24°C) range to germinate. Soil (or water) temperature is usually about 5°F (2°C) cooler than a room's air temperature; therefore, a room's air temperature needs to be kept consistently in the 75° to 85°F (24°-26°C) range to maintain the proper soil (or water) temperature for germination. Until the seeds sprout, keep the container out of direct sunlight with the plastic covering on it, because it will get too warm (unless ventilation holes are snipped in the plastic).

If additional heat is needed, placing the container under an incandescent light bulb will help. Allow enough space between the container and the light bulb so the plastic does not get too hot and become a fire hazard. Again, keep the container out of direct sunlight with the plastic on it, because it will get too warm (unless ventilation holes are snipped in the plastic).

While the seeds are sprouting and while the seedlings are young, make sure the vermiculite never dries out. Once they have sprouted and have grown 1"- 2" tall, acclimate the seedlings to lower humidity conditions by removing the plastic for a couple of hours each day for a week or so. Then remove it for a more extended period of time each day and replace if the seedlings begin to look stressed. When the seedlings no longer look stressed, then you can permanently remove the plastic covering.

(Keeping the humidity high with the plastic covering gives the seedlings time to grow roots long enough to come into contact with the wicked-up water, and thus to take up sufficient water to support their moisture needs in the drier air conditions of the average home.)

When growing seedlings indoors, weak, spindly growth is caused by inadequate light and/or too much warmth. Adding supplemental light (full spectrum, natural light works best) and placing the container in a cooler (but not cold) location will help strengthen the seedlings.

Regular fertilization, following the fertilizer manufacturer's directions, will also promote better plant growth.

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