

Compost Tea Brewer

Compost tea is a fertilizer produced by extracting bacteria, fungi, protozoa and nematodes from compost. The two key reasons to use compost tea are:

1. Impart microbial life into the soil or onto the foliage of plants
2. Add soluble nutrients to the foliage or to the soil to feed the organisms and the plants present.

Materials:

- Rubbermaid Brute 10 Gallon Trash Container w/Lid (Ace Hardware)
- Elemental Solutions O2 Air Pump (951 GPH) (EBay or Amazon ~\$35)
- Rope for Hanging Pump with S-Hook
- ~14 feet 1/4" Tubing ✓ ✓
- 6 T connectors (Petco) ✓ ✓
- 12 Metal Washers ✓ ✓
- Paint Strainer Bag (Ace Hardware)
- Twine ✓ ✓
- 3 c. Compost or Worm Castings ✓
- 1/6 or 1/8 HP Sump Pump (optional) ✓



Instructions:

1. Drill 7 1/4" holes in the lid of the Trash Container. 4 surrounding and 3 in the middle.
2. Cut the tubing so that the ends almost reach the bottom of the container, plus extra to attach the air pump. For this container, it will be about 26".
3. Slip the washer on the tubing and add a T-connector. This will hold the weight o and add extra bubbles.
4. Push the tubing through the drilled holes. Save 1 for twine.
5. Connect the tubing to the Air Pump. Hang the pump. If placed on a hard surface it's noisy.
6. Fill the Container with water and bubble for 2 hours to remove chlorine.
7. Put 3 cups of Compost in the Paint Filter Bag.
8. Insert 1 of the center tubes into the Bag and secure with twine.
9. Aerate for 24 hours. Don't go too much beyond that timeframe.
10. Use the tea immediately. You can put a sump pump in the container, attach a hose with a spray nozzle and fertilize your garden!