

# Compost Tea Brewer

## Product Guide

Questions? Contact us at (888) 784-1722 or [helpdesk@groworganic.com](mailto:helpdesk@groworganic.com)

### Kit Contents

- (1) 5 gallon bucket with lid
- (1) Air Pump
- (2) 6' pieces of vinyl tubing
- (2) 6" Air stone diffusers
- (1) 5 gallon strainer bag
- (1) 15 oz. Jar Compost Tea Catalyst

### You will also need:

Good quality compost or Peaceful Valley Arctic Humus (ISA310)

### Instructions

- Attach the two pieces of clear tubing to the pump outlets. Attach one of the air stones to the other end of each piece of clear tubing and place the air stones in the bottom of the bucket.
- Place the pump on a flat, dry surface, ensuring that it will not be exposed to weather. An electrical outlet should be nearby. The pump should be higher than the bucket to prevent back flow.
- Fill the bucket with water up to 3" below the top.
- Plug in the pump (Increase the airflow by turning the dial clockwise) and run brewer for 1 - 2 hours to dissipate any chlorine in the water, if you are using tap water.
- While brewer is still running, put 4 tablespoons of compost tea catalyst into the water.
- Place the compost strainer over the bucket and push the strainer gently down into the bucket.
- Put 3 - 4 cups of arctic humus (we recommend Peaceful Valley ISA310) or other high quality compost into the strainer.
- Gently stir the liquid inside the strainer from time to time. The more you do this, the more microbes can be extracted from the arctic humus or compost. A smooth plastic long-handled spoon is ideal.
- After 24 hours, the brew is ready to use. Use it immediately as microbes do not live very long and will begin to die out in only a few hours.

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[Compost Tea - How to Make One Version of It](#)

Keep the air flowing until you use the compost tea.

- Immediately after emptying the tea, rinse all components with hot water and allow to dry before making the next batch, use a plastic brush if residue does not rinse off easily.

### Brewing Tips

There are several factors that effect the quality of compost tea: the microbiological profile of the humus or compost, the nutrient source, the water temperature, and the oxygen level.

Use a good source of quality compost, and do not use more than the recommended rate of 3 - 4 cups per 5 gallons of water. More is not better.

Use the compost tea catalyst as a nutrient source.

The best temperature range for brewing is 65°F - 80°F degrees Fahrenheit, with an optimum temperature of 73°F.

### Troubleshooting

If the batch begins to smell bad, dispose of it, clean all components (except the pump), soak them in a solution of hydrogen peroxide and start over. The most likely cause of this is renegade bacteria that have colonized an improperly cleaned system.