

Research Project: Compost Tea with SEA-90

SeaAgri conducted an experiment to determine the positive effects SEA-90 has on bacterium, fungal and protozoan populations in compost tea. The compost tea recipe was provided by the superintendent of a local country club in Atlanta, GA, and former student of Elaine Ingham, author of the USDA's Soil Biology Primer. Lab reports prepared by Earthfort Labs.

Brew Process:

- 1) Aerate water 2 hours to remove chlorine
- 2) Add components
- 3) Brew 36 hours

SEA-90 Test Tea Brew Components

- 1) 5 Gallons water
- 2) 1 cup Vermi-compost (Worm Castings)
- 3) 1 cup Thermal Compost
- 4) 2 oz Molasses
- 5) 4 oz Fish Hydrolysate
- 6) 2 grams (1tsp) SEA-90 Sea Mineral Solids

Control Tea Brew Components

- 1) 5 Gallons water
- 2) 1 cup Vermi-compost (Worm Castings)
- 3) 1 cup Thermal Compost
- 4) 2 oz Molasses
- 5) 4 oz Fish Hydrolysate

Results: SEA-90 increased the bacterium populations by 65 percent and protozoan populations by 1000 percent. Fungal populations were below average for both control and SEA-90 test. Earthfort Labs advised us to reduce tea brew time from 36 to 24 hours to achieve higher fungal populations and lower Protozoa.

