



Organic Solutions

Compost Tea Information

"CREATING A HEALTHY ENVIRONMENT"

What is compost Tea?

Compost tea is a liquid produced by leaching soluble nutrients and extracting bacteria, fungi, protozoa and nematodes from compost. The brewing process is performed at constant temperature, although the growth of the organisms may elevate temperature as a result of their reproductive heat produced.

Why Use compost tea?

Compost tea is used for two reasons: To inoculate microbial life into the soil or onto the foliage of plants, and to add soluble nutrients to the foliage or to the soil to feed the organisms and the plants present. The use of compost tea is suggested any time the organisms in the soil or on the plants are not at optimum levels. Chemical-based pesticides, fumigants, herbicides and some synthetic fertilizers kill a range of the beneficial microorganisms that encourage plant growth, while compost teas improve the life in the soil and on plant surfaces. High quality compost tea inoculates the leaf surface and soil with beneficial microorganisms, instead of destroying them.

Benefits of using of compost tea containing the WHOLE foodweb include:

Improving plant growth as a result of protecting plant surfaces with beneficial organisms which occupy infection sites and prevent disease-causing organisms from finding the plant.
Improving plant growth as a result of improving nutrient retention in the soil, and therefore reduce fertilizer use, and loss of nutrients into ground- and surface waters.
Improving plant nutrition by increasing nutrient availability in the root system as predator-prey interactions increase plant available nutrients in exactly the right place, time and amounts that the plant needs.

Reducing the negative impact of chemical-based pesticides, herbicides and fertilizers on beneficial microorganisms in the ecosystem.

Reducing water loss, improving water-holding capacity in the soil, thus reducing water use in your system.

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