

Compost tea can be diluted from one part compost tea to three parts water or can also be applied full strength. Typically, five to seven gallons of diluted compost tea is applied per 1,000 square feet.

What Is Compost Tea?

Compost Tea is a liquid representation of specially prepared compost. Water, microbial food resources, and compost are added to a compost tea brewing machine and 'brewed' for 24 to 36 hours. During the brew cycle, the biology that is extracted from the compost grows and multiplies exponentially due to the highly aerated and food rich environment created in the compost tea brewing machine. Beneficial bacteria multiply, fungi elongate, and protozoa wake up and get to work cycling nutrients.

Using Compost Tea on Turf

Interest in making and applying Actively Aerated Compost Tea has grown tremendously in recent years, particularly in turf grass management. Many homeowners no longer wish to live in toxic environments, and many schools no longer allow the application of pesticides and petroleum-based fertilizers. Compost Tea provides a way to manage turf and avoid these hurdles.



BLACK GOLD TEXAS TEA

THE BEST TEA FOR ALL THE LAND!

Our **BLACK GOLD TEXAS TEA** will enrich your soil with the best nutrients to help your harvest grow beautiful, healthy and vibrant—just like Gold.

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Applying Compost Tea

After the brewing cycle is complete, the compost tea is normally pumped into a specially designed sprayer. Much of the time the compost tea is diluted in the ratio of one part compost tea to three parts water; however, it can be applied undiluted to the turf in biologically deficient soils. At the time of dilution, additional microbial food resources are added to the sprayer to help sustain the biology that is about to be applied. Soluble Kelp, Fish Hydrolysate, and Humic Acid additions at dilution are widely accepted in the industry.

The type of sprayer that you use to apply compost tea will have a major influence over the viability of the biology being applied. Diaphragm pumps are generally the least destructive. Avoid piston, roller, and centrifugal pumps as the high pressure and mechanical action can destroy the fungal hyphae and protozoa in the compost tea.

There are options when it comes to choosing the right sprayer. Most landscape contractors choose a skid type sprayer which has an electronic hose reel and can easily be loaded in and out of their trucks. Three hundred feet of hose is usually sufficient for most residential properties. Sports field managers might choose a tractor mounted, three point hitch PTO (power take off) sprayer equipped with spray booms or boomless nozzle system. Typically, a 15 to 20 foot swath can be achieved with a tractor mounted sprayer.