



# ActPak

## Extracted Compost Tea Activator



**For effective compost tea you need the right microbes — that's what ActPak triggers.**

Through a careful blend of seaweed extract, humic acid, mineral powder, and a variety of botanicals ActPak catalyzes a diverse mixture of microbes and sustains them while the tea is being applied to plants and the soil.

ActPak enhances compost tea by providing for maximum growth and diversity of biological agents. ActPak comes in an easy to use powder that is added to compost tea just before application, springing the compost's microbes to life so that they will immediately go to work in the soil.

**ActPak is perfect for anyone wanting...**

- Optimal biological diversity in the soil
- Increased plant health
- A non-toxic compost tea enhancer
- Improved soil wellbeing
- An OMRI listed product for organic production



**Other Act Family fertility products available from Midwest Bio-Systems:**

**Act N** — Introduces strong nitrogen fixing bacteria that work to make the soil's natural nitrogen available to plants so that synthetic nitrogen doesn't need to be added.

**Act Phos** — Releases nitrogen fixing, phosphorus solubilizing bacteria that break down the soil's phosphorus for plants to use.

**Act Foliar** — Is sprayed directly onto plant leaves to release yet another kind of robust nitrogen fixing bacteria to stimulate photosynthesis.



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### Available in five convenient sizes:

- 8 oz. container
- 16 oz. container
- 4.5 lb. container
- 9 lb. container
- 45 lb. container

### Mixing rates:

- 8 oz. for 25 gallons compost tea
- 16 oz. per 50 gallons compost tea
- 4.5 lb. per 250 gallons compost tea
- 9 lb. per 500 gallons compost tea
- 45 lb. per 2,500 gallons compost tea

## Compost Tea

### Application rates

- Compost tea should be applied throughout the growing season every 14 to 30 days. This rotation may be increased to every week during times of plant stress (known disease, environmental stress, etc).
- We recommend using 5 to 10 gallons of compost tea per acre depending on disease pressure, nutrient deficiencies, and overall plant and soil biological health.

### Recommendations

- Allow 7 days after your last application before harvest.
- The microbes in compost tea are sensitive to UV light and should therefore be applied before 10 AM or after 4 PM.
- During precipitation, applications to the soil should be made during light rains only. Foliar applications should be avoided during any type of precipitation.



### Helpful hint:

Applying compost tea immediately following harvest can help to “lock in” the nutrients, preventing their loss to the atmosphere via respiration. The microbes then do their work on the residual organic matter, accelerating and enhancing decomposition (the rot cycle). Because this is a controlled process, the nutrients thus captured are restored to the soil the plants exist in. The net effect is to improve the health of the soil at a low cost and provide “free” nutrients to the next crop. This is especially necessary and beneficial on a farm emphasizing organic fertility.

