

A natural and powerful soil inoculant for active soil and vigorous crops from the roots up.

Approved for organic agriculture

Earth Alive Soil Activator™ is an organic-compliant soil inoculant composed of a blend of naturally-occurring soil microorganisms with an all-natural forestry by-product. It does not contain genetically-modified organisms or synthetic chemicals.

Soil Activator™ boosts yields by increasing the availability of crop nutrients in the soil. The beneficial microorganisms in our innovative formulation improve soil fertility in several important ways.



MULTIPLE FUNCTIONS IN THE SOIL

- Fixes atmospheric nitrogen
- Solubilizes phosphorous, silicate, and zinc
- Chelates iron, making it more plant available
- Produces enzymes that release nutrients from organic matter
- Improves soil water retention capacity
- Protects fertilizer investment from loss through tie-up, leaching, and volatilization
- Helps plants manage environmental stresses and transplant shock

Guaranteed Microorganisms	Minimum Count
<i>Bacillus subtilis</i>	2.48 x 10 ⁸ cfu/g
<i>Bacillus amyloliquefaciens</i>	5.00 x 10 ⁶ cfu/g
<i>Pseudomonas monteilii</i>	1.00 x 10 ⁶ cfu/g



Made in Canada 
www.earthalivect.com

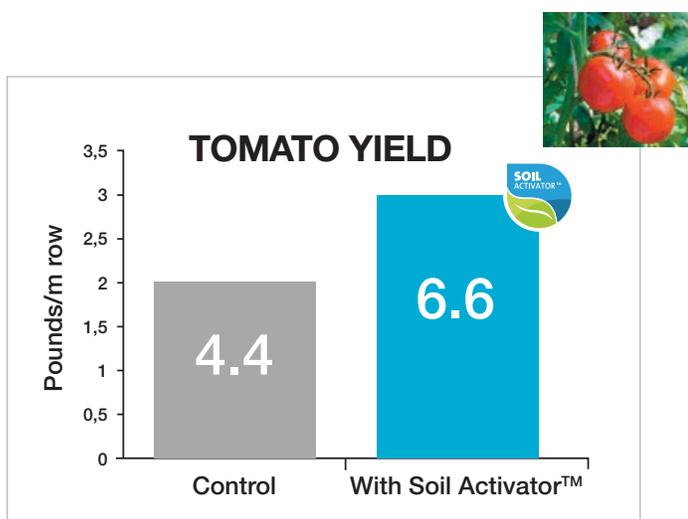
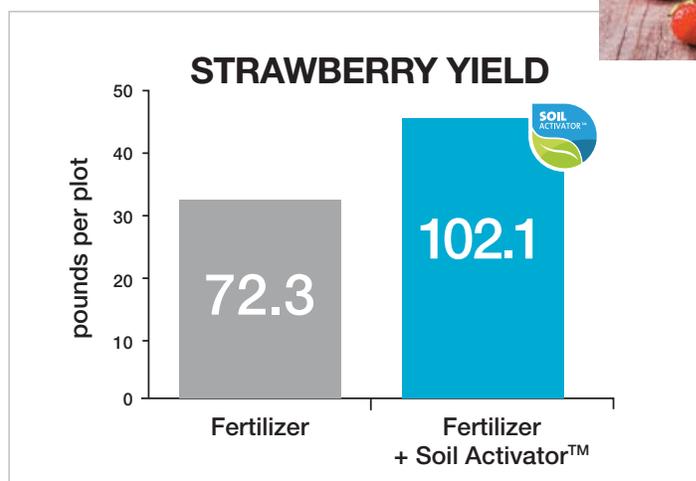
D1 Earth Alive Applied D3 Darkness In hothouse 20°C D4 25°C D7 D14 D17 D50

PROVEN BY SCIENCE, VALIDATED BY FARMERS



Scientific research

- **Carrots:** 32% higher yield compared to fertilizer alone
- **Melons:** Soil Activator™ allowed a 66% reduction in fertilizer with an overall increase in fruit size
- **Onions:** Improved yields when Soil Activator™ applied with standard fertilization
- **Strawberries:** 41% higher yield compared to fertilizer alone
- **Wheat:** Taller, greener plants with better tissue nutrient levels



Grower experience

- **Watermelons (Peru):** The number of harvests per crop was increased by 25%, and the biggest harvest was almost triple the typical maximum
- **Corn (Ontario):** Organic corn yield was increased by 5.4% with Soil Activator™
- **Grapes (Chile):** Pinot Noir grapes had 80% heavier bunches and 6% higher Brix
- **Banana (Colombia):** Net banana bunch weight increased by 63% when Soil Activator™ was added to fertilizer.

EASY TO APPLY

Soil Activator™ can be applied in the following ways, to fit different production systems.

RECOMMENDED DOSES

3.5 lb. /acre	Field crops, side-banded or in-furrow
9 lb. /acre	Field crops, broadcast, Horticultural crops, banded or in-furrow
22 lb. /acre	Large perennials, applied in a ring around base

APPLICATION MODE

Apply once per crop cycle at seeding, transplant or early vegetative stage

OPTION 1: DRY MIX

Mix up to 1 lb. of Soil Activator per 100 lb. of fertilizer or seed. For higher concentrations test on a small amount to ensure even mix.

Mix with compost: Mix into mature compost, 1 - 3 weeks before field application. Use 1.6 lb of Soil Activator™ per ton of compost

OPTION 2: WET MIX

Mix up to 6.5 oz. of Soil Activator per gallon of water. Best applied as a soil drench using coarse spray nozzles to ensure good soil penetration.

Soak roots: Soak transplant roots in a mixture of Soil Activator™ and water for up to 4 hours prior to transplantation. Use 1.3 oz of Soil Activator™ per gallon of water.

For crop specific instructions, please contact your local Earth Alive representative.



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