

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 <sup>8</sup> cfu/g |
| <i>Bacillus amyloliquefaciens</i> | 5.00 x 10 <sup>6</sup> cfu/g |
| <i>Pseudomonas monteilii</i>      | 1.00 x 10 <sup>6</sup> cfu/g |



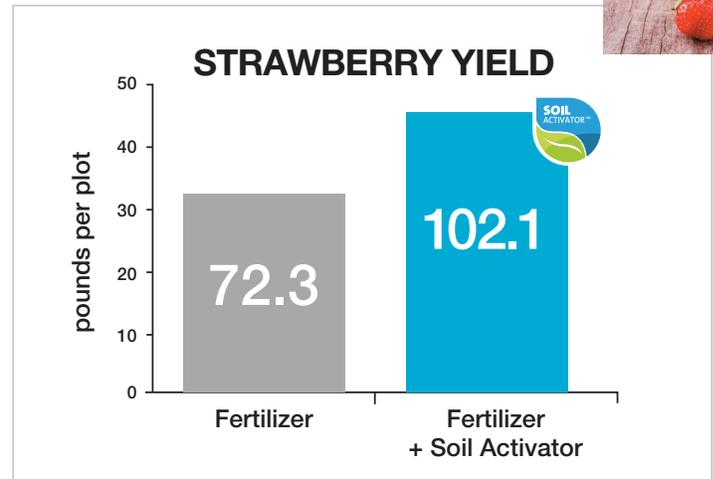
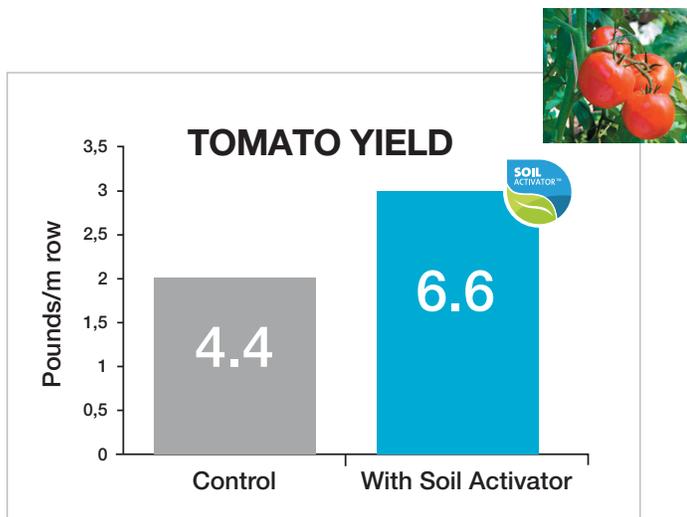
Made in Canada   
[www.earthalivect.com](http://www.earthalivect.com)

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

- **Field Tomatoes:** 36% higher yield compared to fertilizer alone
- **Strawberries:** 41% higher yield compared to fertilizer alone
- **Turf:** 44% more chlorophyll
- **Soil Moisture:** up to 5% better moisture retention in soil



### Grower experience

- **Greenhouse Tomatoes (Ecuador):** 50% higher yield by weight with larger fruits compared to fertilizer alone
- **Grapes (Chile):** Pinot Noir grapes had 80% heavier bunches and 6% higher brix
- **Blueberries (Oregon):** 10% higher brix, higher nutrient content in the fruit, firmer and sweeter fruits
- **Corn (Ontario):** Organic corn yield was increased by 5.4% with Soil Activator
- **Hemp (Canada):** 28% higher yield per plant

## EASY TO APPLY

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

**Mix with fertilizer:** Apply with mineral and/or organic fertilizers. Apply banded at 3.5 lb/acre or broadcast at 9 lb/acre.

**Mix with water:** Mix with water and/or other liquids and inject into the soil or apply to the soil surface. Apply on-row or in-furrow at 3.5 lb/acre or broadcast at 9 lb/acre.

**Mix with compost:** Mix into mature compost, 1 – 3 weeks before field application. Use 1.6 lb per ton of compost.

**Mix with seed:** Mix with seed prior to planting. Contact your local Earth Alive representative for doses and instructions.

**Mix with soil:** Mix with growing media, including soils, peats, coco husks, or other substrates. Use 2 lb per cubic yard of substrate.

**Soak roots:** Soak transplant roots in a mixture of Soil Activator and water for up to 4 hours prior to transplantation. Use 1.33 oz per gallon of water.



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