

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

## Approved for organic farming

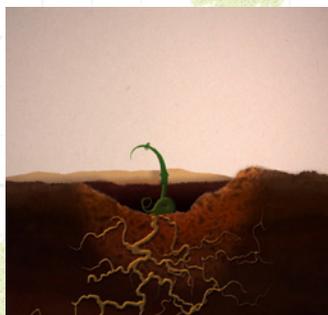
**Earth Alive Soil Activator** is an organic-compliant and patented bio-fertilizer. It is composed of a proprietary blend of naturally-occurring soil microbes with an all-natural synergist active. It does not contain genetically-modified organisms or synthetic chemicals.

Soil Activator boosts yields by increasing the availability of crop nutrients in the soil. The beneficial microbes in our innovative formulation act with multiple modes of action, improving soil fertility in several important ways.



### MULTIPLE FUNCTIONS IN THE SOIL

- Fixes atmospheric nitrogen without the need for a legume host
- Solubilizes phosphorous, silicate, and zinc
- Chelates iron, making it more plant available
- Produces enzymes that release nutrients from organic matter
- Improves soil water holding capacity
- Increases nutrient uptake, maximizing the value of your soil amendment investment
- 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



[www.earthalivect.com](http://www.earthalivect.com)

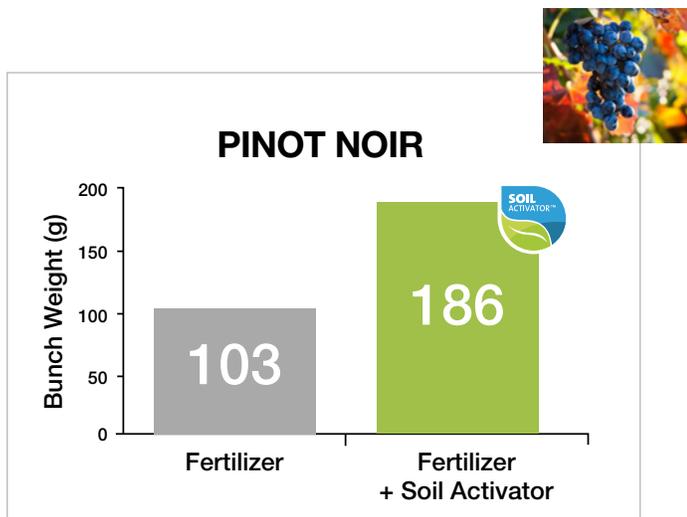
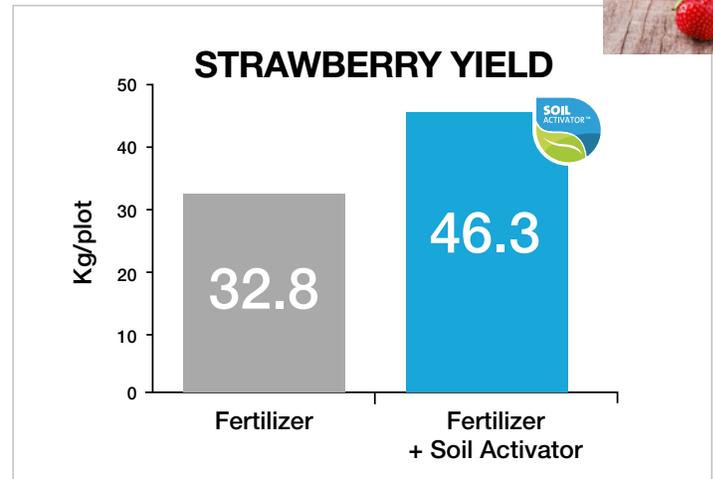
D1 Earth Alive Applied    D3 Darkness In hothouse: 20°C    D4 25°C    D7    D14    D17    D50

# PROVEN BY SCIENCE, VALIDATED BY FARMERS



## Scientific research

- **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):** Treated melons had more vigorous vine growth, 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
- **Wheat (Manitoba):** Organic wheat yield was increased by 12% when Soil Activator added to fertilizer
- **Grapes (Chile):** Pinot Noir grapes had 80% heavier bunches and 6% higher Brix

## EASY TO APPLY

Soil Activator can be applied by several methods. Find the method that fits best with your production system.

**Mix with fertilizer:** Apply with mineral and/or organic fertilizers. Apply banded at 3 – 4 kg/ha or broadcast at 10 kg/ha.

**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 – 4 kg/ha, or broadcast at 10 kg/ha.

\* Note: Soil Activator contains insoluble particulate that must be removed to avoid plugging liquid application equipment. Speak to your Soil Activator representative for more detail.

**Mix with compost:** Mix into mature compost, 1 – 3 weeks before field application. Use 0.8 kg/tonne of compost.

**Mix with seed:** Mix with seed prior to planting. Apply at 3 – 4 kg/ha.

**Mix with soil:** Mix with growing media, including soils, peats, coco husks, or other substrates. Use 1.5 g/L of substrate.

**Soak roots:** Soak transplant roots in a mixture of Soil Activator and water for up to 4 hours prior to transplantation. Use 10 g/L of water.



Earth Alive Clean Technologies  
Montréal QC Canada  
T 438 333-1680  
info@earthalivect.com

[www.earthalivect.com](http://www.earthalivect.com)

Proudly distributed by:

