

Soil Activar

Introduction

Soil Activar is premier liquid microbial fertilizer for top dressing using, consists of synergistic microbe, organic chelating agents and growth promotants combined with specific trace elements for optimum uptake and performance. Our liquid fertilizer are 100% organic and designed to foster plant growth and development through the crop life cycle from seed germination all the way to plant maturity. This fertilizers are designed to help rebuild and maintain plant/microbe/nutrition link, for the ongoing production of healthy, sustainable crops.



ACTIVE INGREDIENT:

Bacillus Bacteria

Bacillus subtilus..... 2×10^8 cfu/g
 Bacillus amyloliquefaceins..... 2×10^8 cfu/g
 Bacillus licheniformis 2×10^8 cfu/g
 Bacillus Polyxyma..... 1×10^8 cfu/g

Trichoderma

Trichoderma harzianum..... 3.6×10^6 cfu/g
 Trichoderma Viride..... 2.4×10^6 cfu/g

Total bacter count: 1×10^9 cfu/g

Other beneficial bacteria

Paecilomyces lilacinus..... 1×10^5 cfu/g
 Lactobacillus..... 1×10^5 cfu/g
 Yeast 1×10^5 cfu/g

Total other ingredients:

Organic matter.....40%
 Corn Steep Liquor Protein.....16%
 Amino acid10%
 Fulvic acid.....8%
 Trace element(B, Fe, Cu, Mn、 Mo)2%

Working Method

- ✓ Biological Nitrogen Fixation – The process of assimilating atmospheric nitrogen into organic compounds, especially by microorganisms.
- ✓ Phosphate Solubilization – The process of solubilizing bound phosphate in the soil and making it available for uptake by plants.
- ✓ Phytohormone Production – The process of using carbon sequestration to increase healthy plant hormones and storing carbon in the soil which drastically increases the amount of available nitrate nitrogen.
- ✓ Mobilization and Mineralization – The process of mobilizing and mineralization of soil nutrients such as salt, phosphate, magnesium, and calcium into a form that is easily used by the plant.
- ✓ Saprophytic Competence – Saprophytes live on the dead or decomposing matter. They help the microbes in Soil Vigor products to compete with native soil microbes, allowing them to better perform their intended functions.

Benefit:

- ✓ Symbiotic relationship with nature.
- ✓ Efficiently produce a variety of substances to promote plant growth and increase yields.
- ✓ Reduce the use of inorganic fertilizers (NPK).
- ✓ Reduce the toxic chemical compounds remaining in the soil
- ✓ Enhance soil quality and fertility
- ✓ Eco-friendly and non-toxic to use around children, adults, pets, and livestock.
- ✓ Promote optimal soil pH under extreme environmental condition.

Dosage & Method

Suitable for all kinds of crops, vegetables, Trees and palms,

- Apply 150~300 Liters per ha by soil drench or in-furrow throughout the season, 300~500 times dilution
- Apply 150 ~225 Liters per ha by drip irrigation, 500~800 times dilution
- Fruit trees: apply 0.5~1 liter per trees by site dress, 500 times dilution
- According to the local soil fertility and expected yield, apply chemical fertilizer, bacterial fertilizer and organic fertilizer as appropriate.

Caution

This product is suitable for all kinds of crops. Please consult with your account manager for usage and dosage.

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Packing and shelf life

2 year shelf life, 20 Liter per barrel.

Storage

Store in cool and dry, keep out of direct sunshine and moisture. Keep out of reach of children.