

Bio Org Soil+

This product is a prescription mixture and intended for use according to an approved organic system plan.



ANALYSIS OF ACTIVE INGREDIENTS

Fulvic Acid – 16 % (dwb)

Humic Acid – 9 % (dwb)

MICRO ORGANISMS:

Bacillus Subtillis, Bacillus Thuringiensis (Bta, Bti, Btk)
Azotobacter, Aspergillus Oryzae, Rhodopseudomonas,
Trichoderma and Mycorrhizal Fungi.

$2,3 \times 10^9$ cfu/ml

APPLICATION RATE

25 – 50 L / Ha through irrigation system for all soil grown crops. Apply after first growth stage for all tree species and after 4 to 6 weeks from plant emergence for all grass and grain species.

STORAGE RECOMMENDATIONS

Use before expiration date.

Store in a cool, dry space.

Avoid exposure to direct sunlight and direct heat source.

Store below 25°C

Open containers only when ready to use.

Ensure that containers are tightly sealed.

Bio Org Soil + is intended for use on field crops, horticulture, turf, forage and ornamentals.

CAUTION

- Read all directions and precautions carefully before using the product.
- Products should be used by trained personnel in the proper method and in combination with fertilizer.

SAFETY PRECAUTIONS

- Keep out of reach of children and pets.
- Always use masks, safety glasses and gloves when applying Nature's Nutrients products.

LIABILITY AND WARRANTY

Nature's Nutrients guarantees that this product contains a minimum number of colonies forming units (CFU) as specified on this label under favorable soil and weather conditions when applied in accordance with a recommendation before the expiration date and stored under manufacturer storage recommendations prior to usage. If proven otherwise the purchase price will be refunded. Nature's Nutrients do not supply additional warranty expressed or implied since product storage, use and growing conditions are beyond the seller's control. Buyer accepts the product on the condition that buyer assumes responsibility for own people, due to use or handling of this product. Nature's Nutrients assumes no responsibility for any loss from any cause whatsoever. The Limited Warranty is void where prohibited by law. Nature's Nutrients must be notified of any field complaint in writing within forty-five (45) days after using the product along with proof of purchase of the product and proof of method of application as specified by the manufacturer. This product is currently in the process of being registered and is provided to clients as a prescription mixture for the time being.



LIST OF MICRO ORGANISMS AND THEIR SPECIFIC FUNCTIONS

1. BACILLUS SUBTILLIS

Prevention of Pathogenic fungi and bacteria, Fixation of Nitrogen from the atmosphere and improvement of root development.

2. BACILLUS THURINGIENSIS

Three sub species namely Israelensis, Kurstaki and Azawye, are included to destroy pathogenic bugs and worms around the root system, and when taken up by the plant also prevents infestation of the leaves and fruit.

3. AZOTOBACTER

Atmospheric Nitrogen Fixation bacteria.

4. ASPERGILLUS ORYZAE

The fungi secrete large amounts of various degrading enzymes, which allow it to decompose organic material in the soil, and chelate these materials into plant absorbent nutrients.

5. RHODOPSEUDOMONAS.

The Bacteria converts sunlight into energy, assist with the decomposition of organic material, and chelates the available phosphor in the soil for plant absorption.

6. TRICHODERMA.

Trichoderma fungi form mutualistic endophytic relationships with the plant and play a vital role in the chelation of soil nutrients for plant absorption.

7. MYCORRHIZAL FUNGI.

The fungi mainly assist with root growth and root protection from pathogenic fungi. The stronger the root system the more nutrients can be absorbed.

