

SOIL ACTIVATOR WITH BENEFICIAL FUNGI

BIONEM-S

Beneficial soil microorganisms: 1×10^{12} cfu*

Organic Nitrogen (N) 7.50 %

(*cfu: colony forming units)

BIONEM-S is a soil activator in a water soluble powder form containing beneficial soil microorganisms which aid in the breakdown of the organic matter and the creation of optimal soil conditions for the growth of a healthy root system.

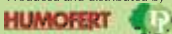
PROPERTIES

- Increases the resistance of plants against biotic stress factors that affect the root.
- Creates a healthy soil for the growth of healthy and productive plants.
- Increases the population of the beneficial soil microbes.
- Enhances the action of the beneficial microorganisms that already exist in the soil.
- Improves the biological structure of the soil.
- Is an ecological formulation that does not unsettle the ecosystem's balance and does not pollute the environment.
- Does not contain pathogens since it is being manufactured under sterile conditions.

RECOMMENDED CROPS

BIONEM-S can be applied on vegetables, herbs and aromatic plants, peanuts, ornamentals, grass, fruit crops as well as tuberous crops.

Produced and distributed by



Net weight
20 g.

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USE:

BIONEM-S is used after it has been dissolved in a suitable fungi-growing solution (e.g. FUNGI-FOOD) as to activate the microbial population. **Apply the entire content of the envelope in a single application.**

Instruction: Dissolve 20 g BIONEM-S in 1 liter of the liquid fungi-growing solution FUNGI-FOOD and leave it for 2 hours at room temperature 20-25 °C agitating at frequent intervals. Then apply the solution in the tank and water or drench near the roots.

Note: Because the powder might be stuck on the walls of the envelope, emptying the content must be conducted carefully in order to use all the microbial load of the product.

APPLICATION:

BIONEM-S is applied usually through the irrigation/fertigation system prior to planting, during planting or right after transplanting. It can also be drenched around the root zone and it can be incorporated in the soil mechanically (hoeing) or by watering the plants.

APPLICATION FREQUENCY:

The application frequency depends on the condition of the soil and of the crop. In case of infertile soils and after intense cropping several applications are recommended (every 15-25 days). When the applications start from the initial stages of the crop, the plants are more robust and vigorous in the critical growth periods which results in higher and better harvested yields.

APPLICATION RATE:

Application through the irrigation system: 100 g per ha.

Application directly to the soil: 100 g per ha mixed with 500 kg of organic manure. Initially the product is sprayed on the manure and then the manure is being spread and incorporated mechanically (hoeing) in the soil.

COMPATIBILITY:

BIONEM-S must NOT be mixed with fungicides. For this reason it must be applied carefully. The mix of **BIONEM-S** with fungicides in the tank is prohibited. In any case it is recommended the applications of fungicides in the soil to be avoided at least 10-15 days before or after the application of **BIONEM-S**.

STORAGE CONDITIONS:

As to assure a high level of efficiency, the product should be stored at normal room conditions. Keep out of direct sun light and far from any heat source as to prevent overheating. After use do not allow the lid open. Empty containers should not be reused.

PRECAUTIONS:

In case of contact with skin or clothes, wash your skin thoroughly with water and soap. In case of contact with eyes, flush with plenty of water. Get medical attention if irritation persists.

KEEP OUT OF REACH OF CHILDREN