

- Specification Sheet -

Tri-Active

Tri-ACTIVE is a growth stimulant, which ensures strong growth of plants and their root system thanks to the various strains of the fungus *Trichoderma* it contains. **Tri-ACTIVE** contains the conidia and mycelium of beneficial *Trichoderma* species, which colonize the rhizosphere of the plants immediately after the application of the product and promote the growth of both the underground and the aboveground part. In addition, they increase the uptake of nutrients and water by plants, thus contributing to better nutrition of crops and enhancing their resistance to various environmental and biotic stressors.

PROPERTIES AND USES:

- Strengthens the resistance of plants against pathogenic soil fungi, such as fusarium, rhizoctonia, botrytis, pythium, anthracnose, pyrinocheta and sclerotia.
- Accelerates the growth rate of plants.
- Promotes the development of a healthy and rich root system.
- Increases the penetration of the root system ensuring the proper establishment of plants.
- Increases the number of roots that reach great depths, significantly enhancing the drought resistance of crops.
- Increases the availability of soil nutrients, such as phosphorus, iron, copper, etc.
- Significantly increases the germination of seeds.
- Increases crop yield.
- Increases the resistance of plants to difficult climatic conditions, salinity, pathogen infestations, etc.

COMPATIBILITY:

Tri-ACTIVE is not combined with fungicides. It can be combined with many liquid fertilizers, insecticides, pesticides and bactericides. In any case, it is recommended to avoid applying soil fungicide for at least 7-10 days before or after applying **Tri-ACTIVE**.

CROPS:

Tri-ACTIVE can be applied to vegetables, cereals, herbs, legumes, cotton, rapeseed, sunflower, cardamom, beets, potatoes, fruit trees, ornamental shrubs and flowers.

APPLICATION:

Tri-ACTIVE is applied directly to the soil by watering or spraying around the root zone. Immediately after application it must be incorporated into the soil

(tilling) or by irrigating the plants. **Tri-ACTIVE** is suitable for use through any irrigation / fertigation network. It can also be applied by immersing the seed before sowing as well as in the seedling or in the plant cuttings before planting-transplanting.

It is applied initially with the first irrigation or during sowing, planting or transplanting and then with repeated applications every 4-6 weeks. The frequency of applications depends on the condition of the soil and the crop.

Application Rate:

Soil application: 5 - 10lt / ha.

Application to seedlings: Immersion in a solution of 1lt of product in 100 liters of water immediately before planting.

Immersion of seeds: 10ml of product per 1 kg of seed. Prepare a solution of suitable volume so that the seeds soak well. Then let the seeds dry before planting.

Immersion of cuttings: In a solution of 1 lt of product per 10 lt of water, immerse the cuttings for 10 minutes and then plant them.

STANDARD ANALYSIS

Useful microorganisms:> $1,5 \times 10^{12}$ *cfu per liter (* cfu: colony forming units)

Manganese (Mn): 0.1%

PHYSICAL PROPERTIES:

Appearance: Almost colorless liquid

Density: 1.01 g / cm³

pH: 7.1

Salinity: 0.1 ppt

Electric

conductivity: 300 mS / cm