

TRICO-GE

FERTILIZER: SPECIFIC ACTION PRODUCT Inoculation of mycorrhizal fungi

COMPOSITION

Type of organic soil conditioner.	Simple vegetable soil conditioner not composted
Mycorrhiza (endomycorrhiza <i>Glomus spp.</i>)	4 % (w/w)
Rhizobacteria (<i>Bacillus spp.</i>)	Not less than 1 × 10 ³ CFU/g
<i>Trichoderma spp.</i>	Not less than 1 × 10 ⁷ CFU/g

CHARACTERISTICS

TRICO -GE is a specific formulation for root applications, made of mycorrhiza and antagonistic microorganisms with high enhancing properties.

Mycorrhiza:

- Increase of the number of root shots and better growth and development of roots;
- Increase of mineral nutrient absorption as nitrogen, potassium and magnesium and especially the ones with a slow diffusion in the soil (soluble phosphates, zinc, boron);
- Increase of resistance to water stress and salinity;
- Increase of water conductivity and of the water content;
- Improvement of soil structure thanks to the formation of aggregates.

***Trichoderma spp.* and rhizobacteria**

Stimulus of root growth and plant production through:

- Inhibition of the activity of harmful microorganisms in the rhizosphere;
- Reduction and inactivation of noxious compounds or root development inhibitors;
- Increase of availability and absorption of nutrients;
- Increase of efficiency of nitrogen supply and use;
- Production of stimulant compounds (enzymes, growth factors, hormones, vitamins).

TRICO- GE application allows improvement of soil fertility, efficacy of nutrition, roots and plant growth, promoting better health of rhizosphere to the detriment of plant inhibitor compounds and other microorganisms.

DOSES AND APPLICATION METHOD

Horticulture crops, flower-ornamentals, nurseries.

APPLICATION	GREENHOUSE	OPEN FIELD
To soil (pre-sowing or pre-transplant*).	300 – 500 g/1000 m ² .	3-5 Kg/ha
Topsoil and peat	0,5 – 1 Kg/m ³	

*Considering the weather trend and the crops duration (if medium-long) it is advisable to repeat the treatment at lower dose to improve the colonizing action obtained with the first application.

Orchards and fruits

Comagricola Green Europe s.r.l.

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APPLICATION PLANTING/RE-PLANTING TO VEGETATIVE RESTART		
New orchards	10 g/plant	5 Kg/ha by fertigation
production facilities		5 Kg/ha by fertigation
Fallacies recovery	20 g/plant	20 g/plant
Treatments to medium and large fruit trees		5 g/injection (each 2 m2 approximately)

*In case of high-density orchards (i.e. 40 cm in the row), refer to dosage of 10-12 Kg/ha, to apply in the planting hole or in the transplanting furrow.

Seed treatment

CULTURE	APPLICATION	DOSE
winter and spring cereals.	seed application	500 g/100 kg of seed
alfalfa	seed application	500 g/100 kg of seed

Suspend 5 g of TRICO-GE for 1 kg of seed using a volume of water suitable for mixing the entire quantity of seed (ideally 1 liter of water for 100 kg of seed). Thoroughly mix the solution evenly with the seed.

- New orchards – Apply into the planting holes or furrow using an aqueous solution as distribution mean. At the vegetative restart apply the product with injector posts or proper equipment.

- Fallacies recovery – Apply in the transplanting holes using an aqueous solution as distribution means. At the vegetative restart apply the product to all the transplanted plants and to the neighbouring plants in the row and in the next rows.

- Medium and large fruit trees – Localize with injector post using an aqueous solution as distribution means. Inject in the area below the foliage in equidistant points and at least 1 meter away from the trunk. Repeat at the vegetative restart.

When possible, it is advisable to repeat the treatments in the following years

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Solution preparation: pour gradually the product in a bucket and mix stirring, pour in the tank and keep stirring the solution for the whole application time.

Compatibility: The formulation is mixable with all insecticides, fertilizers, herbicides, fungicides (with the exception of products based on chlorthalonil, dicloran, iprodione, mancozeb, penconazolo, thiram).

Phytotoxicity: The formulation on crops indicated in the label is perfectly selective.

Storage: store in a cool, dry place at a temperature between 4 and 30°C, away from direct sunlight.

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