



# SEED TREATMENT 2024



# PROSEED



PRODUCT WITH SPECIFIC ACTION | Inoculum of mycorrhizal fungi | **ALLOWED IN ORGANIC FARMING**



RESIDUO **0** zero

### CHARACTERISTICS

The symbiotic action of mycorrhizae and rhizosphere bacteria induces the activation within the plant of self-defense systems against the main pathogens such as *Fusarium*, *Pythium*, *Phytophthora*, *Rhizoctonia*, *Sclerotinia*, *Phoma*, *Verticillium*, *Erwinia*, *Pseudomonas*, *Dickeya chrysanthemi pv zea*.

The bacteria present are able to fix nitrogen in the soil which thus becomes bioavailable for the plant. In addition, the activity of surfactins makes it possible to make elements present in the soil normally chelated such as Iron, Phosphorus, Magnesium, Manganese available for the plant.

### COMPOSITION:

Organic matter  
Mycorrhizae content 2% (*Glomus spp.*)  
Rhizosphere bacteria content 1x10<sup>9</sup> UFC/g  
*Bacillus psychrodurans*  
*Bacillus licheniformis*  
*Bacillus spp.*

### FORMULATION: Liquid

### INDUCTION:

Activation of the plant's self-defense mechanisms. Nitrogen fixation. Bioavailable yield of Phosphorus, Iron, Magnesium, Manganese.

### PACKAGES

1 LT bottle in 16 piece carton  
5 LT can in carton box of 2 pieces  
10 LT can  
20 LT can

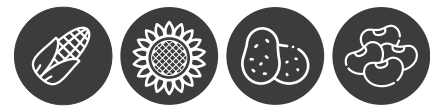
CROP	DOSE	PERIODS OF USE
VEGETABLES, CEREALS, WHEAT, BARLEY, CORN, CHICKPEA, FIELD BEANS, LENTILS, PEAS, BEANS, OIL CROPS, POTATOES.	3 L / TON OF SEED SPRAYED BEFORE SOWING.	SEED TREATMENT

### WARNING

Do not mix with sulfur or copper products. Store in a dry and cool place. Keep away from sources of heat. Zero days PHI (*Pre Harvest Interval*).



# PROSEED-MET



PRODUCT WITH SPECIFIC ACTION | Inoculum of mycorrhizal fungi | **ALLOWED IN ORGANIC FARMING**



RESIDUO **0** zero

### CHARACTERISTICS

The symbiotic action of mycorrhizae and rhizosphere bacteria induces the activation within the plant of self-defense systems against the main fungal pathogens such as *Fusarium*, *Pythium*, *Phytophthora*, *Rhizoctonia*, *Sclerotinia*, *Phoma*, *Verticillium* and against *Agriotes (wireworms)*, *Diabrotica*, *Noctuidae*, *Mole cricket*, *Beetle*, *Sciaridae*, *Thrips*.

The plant is induced by mycorrhizae to stimulate cell thickening, elongation of the root, the production of callus and lignin, as well as the production of a series of antioxidant substances such as phytoalexins and polyphenols that help the plant's endogenous defense.

### COMPOSITION:

Organic matter  
Mycorrhizae content 2% (*Glomus spp.*)  
Rhizosphere bacteria content 1x10<sup>9</sup> UFC/g  
*Bacillus psychrodurans*  
*Bacillus licheniformis*  
*Bacillus spp.*  
*Metarhizium anisopliae*

### FORMULATION: Liquid

### INDUCTION:

Activation of the plant's self-defense mechanisms. Nitrogen fixation. Bioavailable yield of Phosphorus, Iron, Magnesium, Manganese.

### PACKAGES

1 LT bottle in 16 piece carton  
5 LT can in carton box of 2 pieces  
10 LT can  
20 LT can

CROP	DOSE	PERIODS OF USE
VEGETABLES, CEREALS, WHEAT, BARLEY, CORN, POTATOES, CHICKPEA, FIELD BEANS, LENTILS, PEAS, BEANS, OIL CROPS, SUNFLOWER, SORGHUM.	3 L / TON OF SEED SPRAYED BEFORE SOWING.	SEED TREATMENT

### WARNING

Do not mix with sulfur or copper products. Store in a dry and cool place. Keep away from sources of heat. Zero days PHI (*Pre Harvest Interval*).







**RESIDUO** **0**  
zero



**CHARACTERISTICS**

The new formulation of Rizosoia EVO VPT combines the efficacy of Bradyrhizobium Japonicum strains with VPT Technology (*Vitality Protection Technology*). VPT is a formulation studied in the Geenea laboratories that allows to stabilize the vitality of bacterial and fungal cultures for long periods (98% vitality guarantee after 3 years\*) protecting the product in its packaging but also in the application of seed tanning. Vitality is maintained unaltered for a minimum of 6 months after treatment. VPT Technology is based on a mixture of different biotechnological components.

The Chiral D-Glucose, the **β-fructopyranose** have the purpose of “freezing” the bacteria in a form of quiescence, without making them sporulate and keeping them viable. Surfactin-Ge1037, on the other hand, is a particular type of surfactin synthesized by some strains of *Bacillus subtilis* that allows for an excellent UV filter that protects the bacterium by keeping it alive even if exposed to UV radiation (Intense Sunlight). The VPT technology therefore allows you to use Rizosoia EVO VPT in complete tranquility months before sowing without the problem of loss of vitality that other rhizobia may have.

**COMPOSITION:**

Organic matter  
Mycorrhizae content 2% (*Glomus spp.*)  
Rhizosphere bacteria content 5x10<sup>10</sup> UFC/g  
*Bradyrhizobium japonicum*

**FORMULATION:** Liquid

**INDUCTION:**

Activation of the plant’s self-defense mechanisms. Nitrogen fixation. Bioavailable yield of Phosphorus, Iron, Magnesium, Manganese.

**PACKAGES**

- 1 LT bottle in 16 piece carton
- 5 LT can in carton box of 2 pieces
- 10 LT can
- 20 LT can

CROP	DOSE	PERIODS OF USE
SOY	1 L / TON OF SEED SPRAYED BEFORE SOWING	SEED TREATMENT

**WARNING**

Do not mix with sulfur or copper products.  
Store in a dry and cool place. Keep away from sources of heat. Zero days PHI (*Pre Harvest Interval*).



**RESIDUO** **0**  
zero



**CHARACTERISTICS**

The action of Sinorhizobium meliloti is to colonize the roots of alfalfa and initiate a close symbiosis that leads *Sinorhizobium* to produce nitrogen that is easily assimilated by the plant. The symbiosis lasts for the entire life of the plant and allows to avoid expensive nitrogen fertilizations.

**COMPOSITION:**

Organic matter  
Mycorrhizae content 2% (*Glomus spp.*)  
Rhizosphere bacteria content 1x10<sup>9</sup> UFC/g  
*Sinorhizobium meliloti*

**FORMULATION:** Liquid

**INDUCTION:**

Activation of the plant’s self-defense mechanisms. Nitrogen fixation. Bioavailable yield of Phosphorus, Iron, Magnesium, Manganese.

**PACKAGES**

- 1 LT bottle in 16 piece carton
- 5 LT can in carton box of 2 pieces
- 10 LT can
- 20 LT can

CROP	DOSE	PERIODS OF USE
ALFALFA	1 L / TON OF SEED SPRAYED BEFORE SOWING	SEED TREATMENT

**WARNING**

Do not mix with sulfur or copper products.  
Store in a dry and cool place. Keep away from sources of heat. Zero days PHI (*Pre Harvest Interval*).





# STARTER PLUS



ORGANO-MINERAL FERTILIZER NPK 4-8-4 +3 C SUSPENSION WITH MICROELEMENTS

RESIDUO | 0  
zero

## PACKAGES

- 1 LT bottle in 16 piece carton
- 5 LT can in carton box of 2 pieces
- 10 LT can
- 20 LT can

CROP

DOSE

PERIODS OF USE

CEREAL AND OILSEEDS:  
(CORN, WHEAT, RICE, RAPESEED)

1-1,5 L / TON  
OF SEED SPRAYED BEFORE SOWING

SEED TREATMENT

## CHARACTERISTICS

The STARTER PLUS mixture allows the seed to improve germination, increase the formation of roots and radical hairs that increase the absorption of nutrients, boron and zinc stimulate the awakening of the seeds even in the case of poorly developed or damaged kernels.

## COMPOSITION:

### RAW MATERIAL

Boric acid, Iron chelate, Zinc chelate, Potassium chloride EC, NP fertilizer EC, Fluid yeast extract containing brown algae.

Total phosphorus pentoxide - P2O5% 8.0  
Ammonia nitrogen - N-NH4% 2,4  
Nitric nitrogen - N-NO3%  
Organic nitrogen - N org. % 0.8  
Total nitrogen - N tot% 4.0  
Urea nitrogen - N-urea%  
Organic carbon - C org. % 3.0  
Humic and fulvic carbon - C (HA + FA)%  
Chlorine - Cl%  
K2O soluble in water - K2O% 4.0  
Total N + P2O5 + Pot. - N + P2O5 + K2O% 16.0  
N urea condensed with aldehydes - N-nitrogen from condensed urea%  
P2O5 neutral amine citrate H2O - 8.0  
P2O5 soluble in water - From ortho and polyph. Gathered  
P2O5 soluble in water - From orthophosphoric acid  
Humification rate - rate um. %

## MICROELEMENTS

### AG. CHELANTS / COMPLEXES

Boron - B% open field and pastures 0.03  
Iron - Fe% ortive / nebul. on plants 0,1 [o, o] EDDHA  
Zinc - Zn% open field and pastures 0.02 EDTA

## FORMULATION: Liquid

## INDUCTION:

Seed germination and root development.

## OUR HISTORY

### HISTORY

Geenea was born in 2012, founded by Emilio Disarò. It is a biotechnology company focused on the world of agriculture, health and the environment. The analysis, study and products offered are aimed at the world of agricultural production, consumers and specialists committed to safeguarding the healthiness of the food supply chains and the environment around us.

### WHERE WE ARE

Geenea is present throughout Europe through a network of capillary distributors. The production plant is in Sindos, (Thessaloniki) in Greece.

### PHILOSOPHY

In almost 10 years Geenea has created and developed tools aimed at the 360° protection of the plant and animal world with revolutionary products and technologies. Our mission is to allow you to grow healthy and wholesome plants without the aid of chemical inputs. Geenea puts the health of the consumer first of all without any kind of compromise.

By combining customer needs with interaction with nature, the company offers custom solutions and professional lines with zero residue. Through research, development and innovation, it strives every day to create new products and improve itself in order to always be one step ahead of everyone.

### THE SOLUTIONS

The results obtained are the combination of the most advanced bio-technological research applied by our team of agronomists in direct contact with production companies around the world. Geenea aims to help agricultural productions, consumers and science communicators to obtain healthy, wholesome plants through the use of products that are safe for the consumer, user and the environment, with zero environmental impact, Cruelty Free, GMO Free, Vegan Friendly, Safe for Kildrens and Pets.

A completely different paradigm from the chemical standards used today.

RESIDUO | 0  
zero

## WARNING

Do not mix with sulfur or copper products.  
Store in a dry and cool place. Keep away from sources of heat. Zero days PHI (Pre Harvest Interval).



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