

NEMASPOR GR 1036

ENRICHES THE MICROBIAL POPULATION OF THE RHIZOSPHERE PROMOTES THE SOLUBILIZATION OF THE ELEMENTS PROVIDES NUTRIENTS TO THE SOIL PROMOTES RHIZOGENESIS AND ROOT ABSORPTION ALLOWED IN ORGANIC FARMING




NEMASPOR GR 1036 is a bioactivated microgranular fertilizer containing a consortium of microorganisms composed of:

- endomycorrhizal fungi of the genus *Glomus*, capable of establishing a symbiotic relationship with the plant in the rhizosphere;
- antagonistic fungi of the genus *Trichoderma*, capable of producing antibiotics and acting as disturbing agents against the growth of other pathogens;
- rhizosphere bacteria of the genus *Bacillus*, which stimulate the growth of the root system, as well as inhibiting the development of some phytopathogens.

Thanks to the synergistic action of the various microorganisms and their presence in large quantities, NEMASPOR GR 1036 acts as a "bioactivator" of the rhizosphere, increasing its microbial activity and improving the availability of nutrients. This promotes root development and improves plant's nutrient and water uptake efficiency, with a consequent increase in vegetative lushness and a general stimulation of growth. The beneficial effects of NEMASPOR GR 1036 application and rhizosphere "bioactivation" also affect the endogenous resistance levels of the plants, which are more tolerant to abiotic stress or to unfavorable climatic and/or soil conditions.

The application of NEMASPOR GR 1036 allows to maintain and regenerate soil microbiological biodiversity balances.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Kiwifruit, Stone fruits (Apricot, Cherry, Nectarine, Peach, Plum), Citrus (Orange, Bergamot, Clementine, Lemon, Tangerine), Pome fruits (Quince, Apple, Pear), Olive e Grapes	At transplanting or at vegetative restart	50 kg
Strawberries e Small fruits (Raspberry, Blueberry, Blackberry, Currant)	At transplanting or at vegetative restart	50 kg
Fruiting vegetables (Watermelon, Cucumber, Eggplant, Melon, Pepper, Tomato, Zucchini, Pumpkin)	Localized at transplanting	50 kg
Industrial crops (Beets, Sugarcane, Rapeseed, Cotton, Sunflower, Industrial tomato, Soybeans, Tobacco)	Localized at transplanting	50 kg
Flowers and ornamentals	Localized at transplanting	50 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES		
Total nitrogen (N)	10.00%	MICROGRANULE		
Organic nitrogen (N)	2.00%	pH (sol 1%)	5.7	
Ammoniacal nitrogen (N)	8.00%	Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	655	
Carbon (C) of biological origin	7.50%	Density (g/cm^3)/Specific weight	0.88	
Phosphoric anhydride (P_2O_5) soluble in water	34.50%	Granulometry (mm)	0.8-1.2	
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and in water	36.00%	METHOD OF USE		
Boron (B) total	0.10%			
Molybdenum (Mo) total	0.002%		Cover fertilization	Localized fertilization at sowing/transplanting
Zinc (Zn) total	0.80%			Fertilizers for compost integration

PACKAGING: 15 KG - PALLET 900 KG