



**MICRO** **FORCE**®

## **SPECIFIC ACTION ON SOIL-PLANT SYSTEM**

**INOCULUM  
OF MYCORRHIZA  
AND RHIZOSPHERE  
BACTERIA**

**LARGE AMOUNT  
OF HUMIFIED  
ORGANIC CARBON  
(HUMIC AND FULVIC ACIDS)**



**Bio**  
UNIMER



Pellet size: 3.5 – 4 mm

**LARGE AMOUNT  
OF HUMIFIED  
ORGANIC CARBON  
(HUMIC AND  
FULVIC ACIDS)**

## MICROFORCE®

- Efficacy enhanced by a specific inoculum of mycorrhizae (*Rhizophagus irregularis*) and rhizosphere bacteria (PGPR)
- Increases remarkably nutrients availability (macro, meso and micronutrients) and water uptake
- Promotes roots and vegetative growth along the crop cycle
- Very effective in improving seedling establishment and accelerating roots development after transplanting / sowing

### CHARACTERISTICS

MICROFORCE is a special product based on humified organic matter and selected inoculum of beneficial microorganisms: the mycorrhiza ***Rhizophagus irregularis*** (ex ***Glomus Intraradices***) an «obligate» root symbiote that colonizes roots developing a dense network of arbuscules/vesicles and increasing the root absorption capacity over 700 times, and rhizosphere bacteria such as ***Azobacter Salinestrus*** and ***A. Vinelandii*** that fix atmospheric nitrogen producing auxin-like substances promoter of roots growth, ***Bacillus Megaterium*** active in producing organic acids and «chelating» substances that increase phosphate, iron, zinc and manganese availability, and ***Frauteria Aurantia*** that promotes cations release into circulating solution improving potassium and micronutrients availability. MICROFORCE stimulates roots development and absorption by improving seedling establishment post-transplant, sprouting and vegetative growth.

COMPOSITION	
N total	1%
N organic	1%
Organic Carbon (C)	22%
Humic and fulvic acids	9%
Soil microorganisms	
Mycorrhizae ( <i>Glomus Intraradices</i> )	0.0002%
Rhizosphere bacteria ( <i>Azobacter Salinestrus</i> and <i>Vinelandii</i> , <i>Bacillus Megaterium</i> , <i>Frauteria Aurantia</i> )	1x10 <sup>6</sup> UFC/g

DOSAGE BY CROP		
CROP	PERIOD	DOSAGE
Fruit trees, olive, vine, citrus (seedlings for new planting)	Before transplanting (into transplant hole mixed with soil)	150 – 300 g/tree
Fruit trees, olive, vine, citrus (post- planting)	Before vegetative reawakening	150 – 300 kg/ha
Vegetables	Pre-sowing or transplanting	150 – 300 kg/ha
Greenhouse crops (tomato, cucumber, pepper, etc.)	Pre-sowing or transplanting	15 – 30 kg / 1000 m <sup>2</sup>
Cereals, industrial crops	Pre-sowing or transplanting	150 – 200 kg/ha
Flower, ornamental, nursery crops	Before transplanting mixed with potting soil	4 – 8 kg/ m <sup>3</sup>

The product can be localized in furrow or row at lower dosage. It is advisable to incorporate it into the soil after distribution. Doses are indicative and should be set according to soil, crop and agronomical conditions.

Reg. N. 0033253/21 Register of fertilizers for organic use - Legislative Decree 75/2010



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