

univital[®]

BIOPROMOTER OF ROOT GROWTH AND VIGOR



With three *Trichoderma* species and rhizosphere bacteria

ACTIVE PERFORMANCE

PRODUCT WITH SPECIFIC ACTION



PROMOTES ROOT GROWTH PREVENTING ENVIRONMENTAL & BIOTIC STRESS

IMPROVES PLANT ESTABLISHMENT AFTER TRANSPLANTING

BALANCES VEGETATIVE / FRUIT GROWTH LEADING TO HIGHER MARKETABLE YIELDS

FAVORS SOIL REGENERATION IMPROVING BENEFICIAL MICROBIOTE IN RHIZOSPHERE

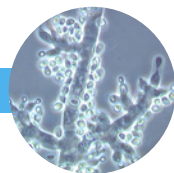
Mycorrhizae



Pseudomonas spp.



Trichoderma spp.



unifluid[®]
ACTIVE PERFORMANCE

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NET WEIGHT
1 kg



COMPOSITION

Mycorrhizae	1 %
Rhizosphere bacteria	10 ⁶ UFC/g
<i>Trichoderma</i> spp.	3x10 ⁷ UFC/g

PHYSICAL-CHEMICAL PARAMETERS

pH (1%): 6.5 ±0.5
Density (g/ml): 1.0
Aspect: dark brown liquid

COMPATIBILITY

It is advisable to use the product alone or in mixture with UNIUMAX. Application equipment should be fully cleaned before using the product in order to avoid presence of traces of plant protection products.

Store at a temperature between 4°C and 30°C in the original packaging, away from moisture and direct exposure to sunlight.
It is recommended to shake the product before use.

CHARACTERISTICS

UNIVITAL is a biopromoter of plant-soil system based on a specific consortium of beneficial microorganisms (mycorrhizae, rhizosphere bacteria, and three species of *Trichoderma*: *T. Harzianum*, *T. Viride*, *T. Longibrachiatum*) and organic plant extracts to ensure proper nourishment to microorganisms.

Main agronomical advantages are:

- stimulation of root and plant growth, by promoting phytohormones synthesis that enhances root development and overall plant vigor;
- maintenance of healthy and active roots by increasing tolerance to biotic and environmental stresses throughout the crop cycle;
- soil regeneration, restoring depleted or overexploited soils by creating a new beneficial microbial community in rhizosphere;
- enhancement of water and nutrients uptake improving availability of nutrients, particularly "difficult" ones like phosphorus, and iron.

UNIVITAL promotes rapid and complete rooting after transplanting or post-dormancy, and a balanced vegetative/fruit growth allowing higher marketable yields.

Additionally, it can be effectively used after pruning on fruit trees to prevent potential pathogen entry.

DOSAGE BY CROP

CROP	PERIOD	DOSAGE (fertigation)*
Fruit trees	From vegetative reawakening to post-harvest, 2-3 applications at 12-14 days apart	1.5 – 3 kg/ha
Vegetables	From post-transplanting to pre-harvest, 2-3 applications at 12-14 days apart	1.5 – 3 kg/ha
Greenhouse crops	From post-transplanting to pre-harvest, 2-3 applications at 12-14 days apart	150 – 300 g/1000 m ²
Ornamental, lawn, nursery crops	After transplanting or re-pot, 1-2 applications at 12-14 days apart	150 – 300 g/1000 m ²

*To promote the proliferation of beneficial microorganisms we recommend combining with UNIUMAX (3 – 5 L/ha)

Root bath: 4 – 5 g/L of solution, dip roots for few minutes before transplant.

On fruit trees, after pruning UNIVITAL can be applied by foliar spray at 1 – 1.5 kg/ha.



Read more

unifluid®
ACTIVE PERFORMANCE



ABIOTIC STRESS TOLERANCE

Phytopathogen Control

- Systemic resistance
- Lytic enzymes
- Antibiotics
- Competition



- Plant hormones
- Organic acids
- Enzymes
- Siderophores

Plant growth promotion

TRICHODERMA SPP. / MYCORRHIZAE / RHIZOBACTERIA

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