



ITALPOLLINA
HELLO NATURE!



A SYNERGY OF TECHNOLOGIES TO BOOST FERTILIZATION

Atriva Microgranule provides carefully sequenced biostimulant actions that work together to strengthen fertilization.

The **Plant Stimulating Peptides** immediately activate natural processes to vitalize plant growth and help overcome such things as **transplant stress**. This fortifies the plant as the mycorrhizae colonize to further develop the root system for a **dramatic increase in nutrient absorption capability**. This combination of technologies results in plants that are primed for **maximum nutrient uptake and use efficiency, resistance to stress and robust growth**.

COMPOSITION

Organic Nitrogen (N) water soluble	0,5 %
Mycorrhizal fungi	50 spores/g
• Funneliformis mosseae	25 spores/g
• Rhizogloium irregulare	25 spores/g
Other parameters	
Formulation	Microgranule 1-2mm

It does not contain genetically modified organisms or pathogenic organisms.

ATRIVA Microgranule is free of animal by-products and suitable for baby food and fresh-cut food.

THE ADVANTAGES

- The combination of technologies work together to **vitalize growth**.
- **Biostimulant action** throughout the entire life cycle.
- The **synergy of technologies maximizes the plant's metabolism** and quality of its root system.
- Better water and nutrient use efficiency.
- Better tolerance to both **current and future abiotic stress** (transplant, drought, temperature, salinity).
- Improvement in **soil structure**.
- Attenuation of soil tiredness.

Atriva[®]
Microgranule



THIS PRODUCT CONTAINS PLANT STIMULATING PEPTIDES



PEPTIDES ARE
THE KEY

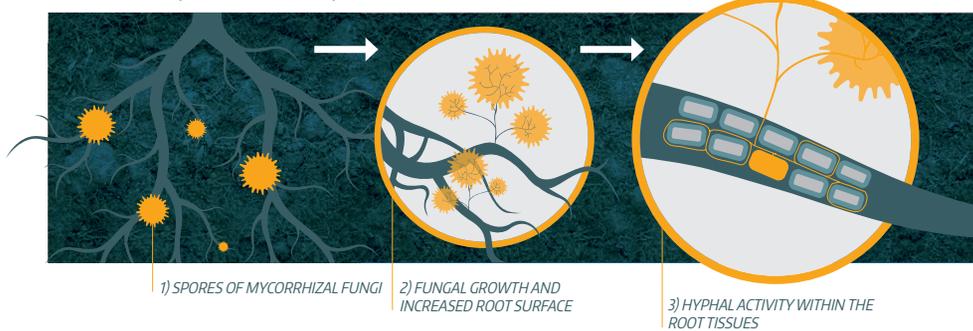


Italpollina's **Vegetal Protein Hydrolysate products** are made exclusively from the highest quality, non-GMO vegetal sources and are guaranteed to contain no inefficient animal by-products. They are produced using a proprietary Enzymatic Hydrolysis process. We call them **Plant Stimulating Peptides**. Unlike free amino acids, PSP have a more **prominent, assured, and natural biostimulant effect** to enhance nutrient absorption, mitigate the effects of abiotic stress and increase fertilizer efficiency. Peptides play a prominent role in plant physiology allowing **information exchange between cells** in order to regulate growth, development and stress defence actions. **Biologically active peptides obtained through the production process of Enzymatic Hydrolysis** act on specific receptors present on the cell membrane obtaining specific cell answers and thus inducing specific reactions from the plant such as rhizogenesis or germination stimulation, stress resistance or fruit size increase. An example is the **Lateral Root Promoting Peptide (LRPP)**, present inside this product, which has been isolated after several years of R&D collaboration by Italpollina and universities, and that has the ability of **improving lateral rooting and plant development**.

ITALPOLLINA'S MYCORRHIZAE

The way mycorrhizae is reproduced significantly affects the quality and completeness of the mycorrhizosphere.

Italpollina's mycorrhizae are reproduced using a unique **IN VIVO production technology** which is **more complex** and provides the **highest quality mycorrhizae** with better viability. We guarantee the highest performance in agricultural systems and its suitability for a broad spectrum of crops with maximum effectiveness of root colonization.



USE AND DOSE

Atriva Microgranule is suitable for applications in open fields where a microgranulator is used (mounted on a drill or transplanter). Atriva Microgranule has a uniform particle size of 1-2mm (maximum 2 mm). Place the product in touch with the roots of the plants. We recommend one application at time of transplant or seeding.

Crops	Dose recommended
Nursery	5 kg/m ³
Horticulture full surface	10-12 kg/ha
Horticulture localized	5-7 kg/ha
Cereals	5-7 kg/ha
New orchards or vineyard	1-12 g/plant
Turf	2 g/m ²

Atriva Microgranule is compatible with most common fertilizers, herbicides and some fungicides. The application of fungicides and chemical phosphate fertilizers may slow the development of mycorrhizae. Dosage and frequency listed are general guidelines. For specific recommendations, contact an authorized Italpollina representative.

Atriva
Microgranule

PACKAGING
4 kg



*Suitable for organic farming
according to EC REG. 834/2007*

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