



**Atlántica**  
Agricultura Natural



# Atlanticell® Trichomix

Microbial quality of the soil

- Biostimulation against hydric and salt stress -

	<b>Living microorganisms:</b>	
	<b>Mycorrhizal fungi</b> (3 species).....	4,200 propagules/g
	( <i>Rhizoglyphus irregularis</i> , <i>Funneliformis mosseae</i> y <i>Funneliformis caledonum</i> )	
	<b>Trichodermas</b> (2 species).....	6x10 <sup>8</sup> UFC/g
	( <i>Trichoderma harzianum</i> AE13 y <i>Trichoderma viride</i> AE07)	
	<b>Seaweed extract:</b>	
	<b>Ascophyllum nodosum</b> .....	5 %
	<b>Nutrients of organic origin:</b>	
	<b>N (1,85 %) P<sub>2</sub>O<sub>5</sub> (2,30 %) CaO (3,13 %) SO<sub>3</sub> (0,12 %)</b>	



## Highlighted features Atlanticell® Trichomix

1. Improves the germination and cultivation of the crop.
2. Increases the tolerance against abiotic stress (salt and hydric).
3. Increases the active root surface area.
4. Rapid establishment and colonisation of the soil/roots.
5. Induces cell division processes in the roots .
6. Increases the lateral root system thanks to the auxinic symbiotic segregation of *Trichoderma* in the rhizosphere.

SUITABLE FOR  
ORGANIC FARMING



CERTIFIED COMPANY

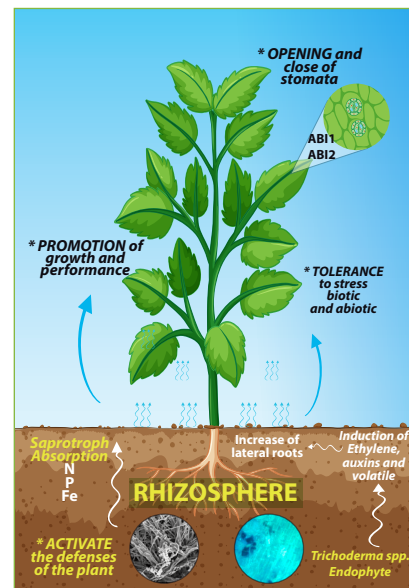


## PRODUCT DESCRIPTION

**Atlanticell® Trichomix** is a biological stimulant made of mycorrhizal fungi of the *Rhizoglosum* and *Funneliformis* genera, spores of endophytic fungi of the *Trichoderma* genus (*Trichoderma harzianum* and *Trichoderma viride*) and seaweed extract (*Ascophyllum nodosum*) which provide plants with important benefits such as: an increased root surface area, the production of symbiotic metabolites which increase germination and cultivation of the crop and tolerance against different types of stress.

**Atlanticell® Trichomix** rapidly colonises the rhizosphere with *Trichodermas* and *mycorrhizae*, thus improving the microbiological composition of the plant and the soil. The presence of these microorganisms improves absorption of water and mineral nutrients from the soil, increasing tolerance against hydric and salt stress. **Atlanticell® Trichomix** also contains seaweed extract which encourages the auto-synthesis of compounds that promote cell division and osmoregulation.

**Atlanticell® Trichomix** boosts vegetative development from the earliest stages, increasing the crop's physiological activity by caring for the roots' environment. In turn, this improves the microbial quality of the root system by providing it with direct symbiotic benefits when using traditional soil management techniques, increasing their final yield and optimising their absorption of nutrients.



## DIRECTIONS FOR USE

It is recommended to apply **Atlanticell® Trichomix** via irrigation to the active root volume. It may be applied using any type of irrigation system (drip, spray or drench), with local application being most recommended. The product's perfect solubility level avoids problems with irrigation management when being applied. Dilute in the application tank before applying via an irrigation system. It may also be applied in solid form directly to the substrate in seedbeds or plantation.

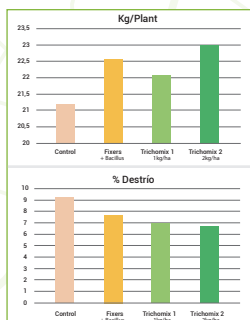
## DOSES AND CROPS

CROP	MOMENT OF APPLICATION	NUMBER OF APPLICATIONS	DOSE PER APPLICATION (Fertigation)
Horticultural crops	After crop establishment	1-3	1,5 - 2,0 kg/ha
Fruit trees and woody crops	After sprouting	2	1,5 - 2,5 kg/ha
Grass and extensive crops*	After germination or when seeding	1	1,0 - 1,5 kg/ha
Seedbeds	Mix with substrate	1	Small: (100 g/10,000 cells) Medium: (100 g/6,750 cells) Large: (100 g/5,000 cells)
Nurseries	After transplanting to plant pots	1-2	Small ≤1 litre: (250 g/2500 pots) Medium ≤3 litres: (250 g/1250 pots) Large ≤3.5 litres: (250 g/625 pots)

\* Possibility of dry mixing with seeds in pre-seeding treatment.

## RELEVANT RESULTS

Effect of the application of **Atlanticell® Trichomix** in the cultivation of courgette.



**Results:** The addition of 1 and 2 kg/ha of Atlanticell® Trichomix to courgette crops in a regular nutrient management in greenhouse conditions was evaluated. The crops reached the end of their cycle lasting 6 months, during which time the fruits were harvested and the yield in kg/plant was analysed.

These treatments were compared with a control group using only regular management and another treatment with the addition of different rhizobacteria. The results show that the application of Trichomix in both doses increased the crop yield in comparison to the control group, and likewise a lower percentage of substandard crops was achieved with the application of Trichomix in both doses.

## PRESENTATION: Solid product sold in bags of 1 kg.

**NOTE:** These doses are indicative. The user is responsible for reducing or increasing the dose according to the vegetative state of the plant and the characteristics of the crop soil. This product should be applied with the guidance of an Agricultural Technician. For recommendations on specific doses, check with your local dealer or representative. The composition, method of application and dose of the products may vary from country to country due to climatic, technical and/or legal conditions.

**WARNINGS:** Do not leave the product within the reach of children. Do not ingest the product. Avoid contact with eyes. Wash with water and soap after application.

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