

Atlanticell® Pochomix

Root augmentation and flowering stimulation
– Growth based on microbiota –

Living microorganisms:	
Mycorrhizal fungi (3 species).....	4,200 propagules/g
(<i>Rhizoglyphus irregularis</i> , <i>Funneliformis mosseae</i> y <i>Funneliformis caledonum</i>)	
<i>Pochonia chlamydosporia</i> (AE04).....	1x10 ⁸ UFC/g
Seaweed extract:	
Organic matter	5 %
Nutrients of organic origin:	
N (1,71 %) P₂O₅ (1,94 %) CaO (3,00 %) SO₃ (0,16 %)	

MICORRHIZES



CONTAINS POCHONIA CHLAMYDOSPORIA



NEW
PRODUCT



Highlighted features Atlanticell® Pochomix

1. Improves the microbial quality of the soil.
2. Increases the tolerance against abiotic stress (salt and hydric).
3. Greater effectiveness during periods of flowering and vegetative stimulation.
4. Increases the active root surface area.
5. Rapid establishment and colonisation of the soil/roots.
6. Induces cell division processes in the roots thanks to the *Ascophyllum nodosum* extract.

SUITABLE FOR
ORGANIC FARMING



CERTIFIED COMPANY



PRODUCT DESCRIPTION

Atlanticell® Pochomix is a biological stimulant made of mycorrhizal fungi of the *Rhizoglossus* and *Funneliformis*, in addition to conidia and chlamydospores of the endophytic fungus *Pochonia chlamydosporia* and seaweed extract (*Ascophyllum nodosum*), a combination which provides the plants with important benefits such as: the production of symbiotic metabolites which increase root development both in the surface area and in its absorption volume, a general boost to vegetative development, an increase and homogenisation during the flowering stage and increased biostimulation against all types of stress, among other things.

The use of **Atlanticell® Pochomix** provides a fast colonisation of the rhizosphere with *Pochonia* and mycorrhizae, thus improving the microbiological composition of the plant and the soil. The presence of these microorganisms helps improve the absorption of water and mineral nutrients from the soil, increasing tolerance against hydric and salt stress.

Atlanticell® Pochomix works from the rhizosphere and creates a symbiotic association with the crop that boosts development from the very first stages. The blend of microbial life and root activity optimises the use of nutrient and water resources and helps improve the final yield. Likewise, the biostimulating action of the substances generating during symbiosis turn an inert environment into a living soil which in turn passes this biostimulating action onto the plant.

DIRECTIONS FOR USE

It is recommended to apply **Atlanticell® Pochomix** 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 plantations.

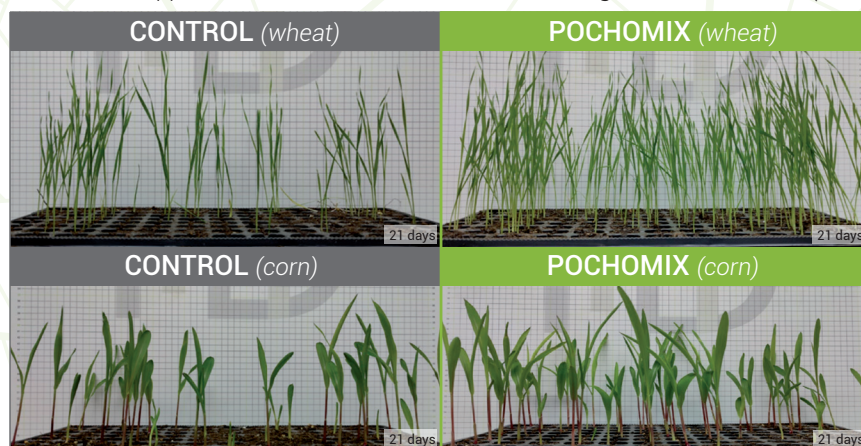
DOSES AND CROPS

CROP	MOMENT OF APPLICATION	NUMBER OF APPLICATIONS	DOSE PER APPLICATION (Fertigation)
Hortícolas	After crop establishment	1-3	0.5 - 1.5 kg/ha
Frutales y leñosos	After sprouting	2	1 - 2 kg/ha
Césped y extensivos*	After germination or when seeding	1	0,5 - 1 kg/ha
Semilleros	Mix with substrate	1	Small: (100 g/10,000 cells) Medium: (100 g/6,750 cells) Large: (100 g/5,000 cells)
Viveros	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® Pochomix** on the germination of corn (*Zea mays*) and wheat seeds (*Triticum sp.*)



Results:

After 1 application of Atlanticell® Pochomix when seeding using a dose of 1 kg/ha, a significant increase was achieved in the germination of corn seeds (*Zea mays*) and wheat (*Triticum sp.*).

The plants showed a much greater vegetative development 3 weeks after seeding. This development led to a significant increase in the fresh air weight and the roots of the seedlings that were treated with Atlanticell® Pochomix compared to the control seedlings.

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.

Atlántica Agrícola S.A. Polígono Industrial "El Rubial" - Calle 8, Nº2 - 03400 VILLENA (Alicante) Spain - Tel.: (+34) 965 800 358 - info@atlanticaagricola.com - www.atlanticaagricola.com