Atlántica
Agricultura Natural

ATLANTICELL®

MICROORGANISMS

Living soil!

ATLANTICELL®
MICROORGANISMS

ORGANIC PRODUCT

Atlanticell® Trichomix | Atlanticell® Pochomix | Atlanticell® Micomix | Atlanticell® Nitromix

Production efficiency is achieved through living soil.
Microorganisms used as a tool kit to unlock plant potential.

Microorganisms

Solutions based on various combinations of different living microorganisms that are intended to restore, increase microbial activity and achieve a highly efficient living soil. Designed with proprietary strains of microorganisms, produced in-vivo and in a formulation of maximum stability for any type of agriculture.

You can consult all the references contained within the Microorganisms family

ATLANTICELL® line

Atlanticell® combines different mycorrhizal and endophytic fungi together with beneficial rhizosphere bacteria, supplemented with other bioenhancers. In this way, a full activation of the microbiota in the soil-root system is achieved, providing nutritional and biostimulant benefits to the crops.

ATLANTICELL® MICOMIX

MULTIPLIES ROOT ABSORPTION CHANNELS AND RELEASES BLOCKED NUTRIENTS IN YOUR SOIL.

Atlanticell® Micomix is a biological stimulant based on mycorrhizal microorganisms and rhizobacteria, specifically combined with chelated micro-elements and organic elements.

Atlanticell® Micomix improves the microbiological composition of the **soil-plant system**, increasing the physiological activity of crops. Water and mineral nutrient uptake is increased by maximising the environment explored by the root and solubilising nutrients such as K, P and Si.

COMPOSITION

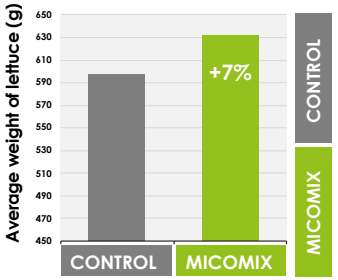
- Mycorrhizal fungi 12,500 propagules/g
  Rhizoglomus irregulare, Funneliformis mosseae and Funneliformis caledonium
- Rhizosphere bacteria $1x10^{10}$ CFU/g
  Bacillus licheniformis and Bacillus mucilaginosus
- Chelated micro-elements

Fe-EDTA	6,3 % w/w
Mn-EDTA	2,8 % w/w
B water soluble	0,8 % w/w
Zn-EDTA	0,5 % w/w
Cu-EDTA	0,5 % w/w
Mo water soluble	0,2 % w/w

- Other nutrients of organic origin
  N (5,4 %), P_2O_5 (0,9 %), K_2O (0,7 %), CaO (7,5 %) SO_3 (0,8 %), O.M. (51,0 % w/w)

USES:

Drip or drench, aimed at colonising the active root system.

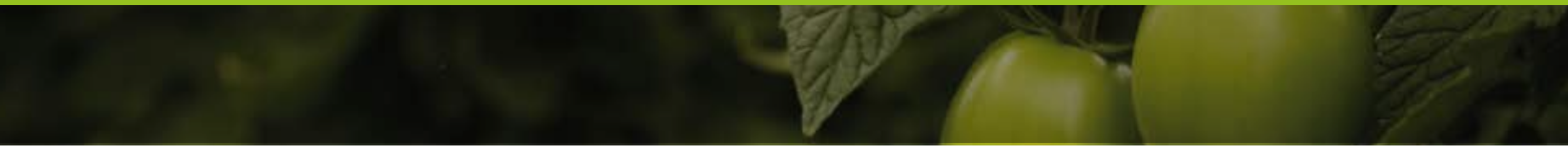


Maximum amount of live symbiotic microorganisms.

More soil explored by the root.

Increased absorption of water and nutrients.

Atlanticell® Micomix increases yields through improved nutrients uptake water use efficiency. In addition, more homogeneous harvests are obtained, reducing harvesting costs and post-harvest losses.



ATLANTICELL® POCHOMIX

ROOT GROWTH AND FLOWERING STIMULATION.
MICROBIOTA-BASED GROWTH.

Atlanticell® Pochomix is a biological stimulant based on symbiotic fungi (mycorrhizae and *Pochonia*) and algae extract, which improves the microbiological composition of the **soil-plant system**.

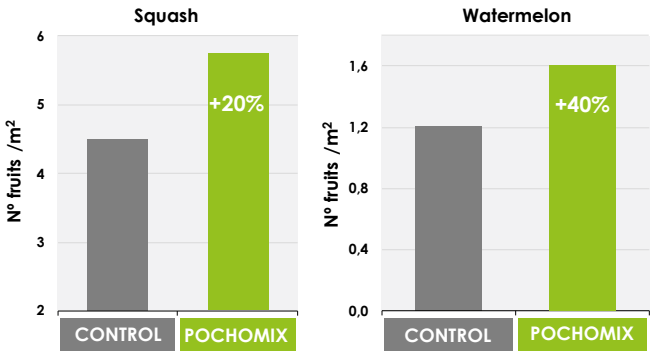
Atlanticell® Pochomix increases and improves root architecture, favouring the absorption of more essential nutrients, boosts vegetative development and enhances and homogenises flowering. This induced plant activity, from the early stages directly impacts on a higher yield of the crop.

COMPOSITION

- Mycorrhizal fungi 4,200 propagules/g
  Rhizoglomus irregulare, Funneliformis mosseae and *Funneliformis caledonium*
- Endophytic fungi 1x10^8 CFU/g
  Pochonia chlamydosporia AE04
- Concentrated seaweed extract (*Ascophyllum nodosum*) 5 % w/w
- Other nutrients of organic origin
  N (1,7 %), P_2O_5 (1,9 %), K_2O (3,0 %), SO_3 (0,4 %), O.M. (57,4 % w/w)

USES:

Drip or drench, aimed at colonising the active root system.



The biostimulant boost of **Atlanticell® Pochomix** has a direct impact on the marketable fruit potential, increasing it by 20-40%, stimulating the crop to obtain a higher yield per unit area.

Growth engine for crop starts, better flowering and more fruit.

Renovates the architecture of secondary absorbent roots.

Optimises key resources: super binder of iron, potassium and phosphorus.

ATLANTICELL® TRICHOMIX

QUALITY OF MICROBIOTA IN THE SOIL.
BIOSTIMULATION AGAINST WATER AND SALT STRESS.

Atlanticell® Trichomix is a biological stimulant based on compatible symbiotic fungi (mycorrhizae and Trichodermas) and algae extract. It rapidly colonises the rhizosphere, improving the microbiological composition of the **soil-plant system**.

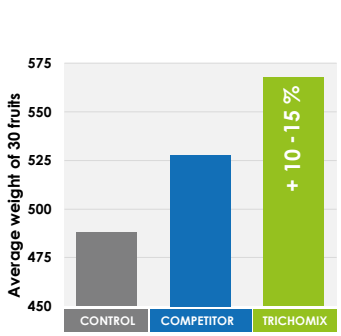
Atlanticell® Trichomix boosts vegetative development from the early stages by increasing the absorption of water and nutrients from the soil, nurturing the root environment, as well as providing greater tolerance to water and salt stress.

COMPOSITION

- Mycorrhizal fungi 4,200 propagules/g
  Rhizoglomus irregulare, Funneliformis mosseae and Funneliformis caledonium
- Endophytic fungi 6x10^8 CFU/g
  Trichoderma harzianum AE13
  Trichoderma viridae AE07
- Concentrated seaweed extract (*Ascophyllum nodosum*) 5 % w/w
- Other nutrients of organic origin
  N (1,9 %), P_2O_5 (2,3 %), K_2O (3,1 %), SO_3 (0,3 %), O.M. (82,1 % w/w)

USES:

Drip or drench, aimed at colonising the active root system.



Rapidly colonising, space-occupying symbiotic network.

Higher yields even if there is water or salt stress.

Increased absorption of essential nutrients such as potassium and calcium.

The biostimulant effect of **Atlanticell® Trichomix** on any crop just before the filling phase, increases yields by 7-15%, improving filling rates and crop quality.

ATLANTICELL® NITROMIX

NITROGEN FIXING AND ABSORPTION BASED ON MICROBIOTA.
INCREASED DEVELOPMENT AND NUTRITIONAL EFFICIENCY IN ANY CROP.

Atlanticell® Nitromix is a complete biological stimulant based on a high concentration of atmospheric nitrogen-fixing rhizobacteria (five different species) and symbiotic mycorrhizal fungi.

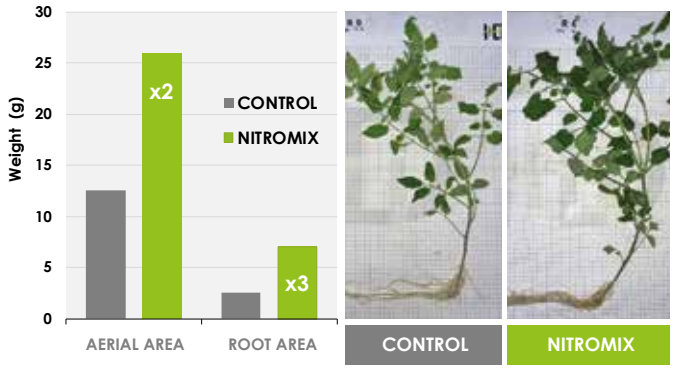
Atlanticell® Nitromix increases available nitrogen stock to be absorbed by the root system. In addition to nitrogen, the uptake of phosphorus (P), calcium (Ca) or iron (Fe) is promoted through better solubilisation. This optimises nutrient uptake to better distribute nutrients throughout the crop cycle, reducing nutrient loss and increasing plant yield.

COMPOSITION

- Mycorrhizal fungi 1,000 propagules/g
  Rhizoglomus irregulare, Funneliformis mosseae and Funneliformis caledonium
- Rhizosphere bacteria $5x10^8$ CFU/g
  Paenibacillus polymyxa, Azotobacter chrococcum, Azospirillum brasilense Bradyrhizobium japonicum and *Pseudomonas putida*

USES:

Drip or drench, aimed at colonising the active root system.



Increases atmospheric nitrogen fixing and absorption.

Boosts crop growth and yields.

Reduces nutrient losses through leaching.

Atlanticell® Nitromix increases crop development through more efficient uptake of nitrogen and other nutrients.

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