

The **best-in-class technology** to apply during the trasplant



Application methodology

For horticultural crops (ASIR Horto, ASIR Horto Bio)

Incorporate one tablet per plant at the moment of the trasplant



For fruit trees (ASIR Fruit, ASIR Forestal y ASIR Fruit Bio)

Incorporate one tablet per plant at the moment of the trasplant



Successful stories



Beneficial microorganisms to **enhance** the plant from the root

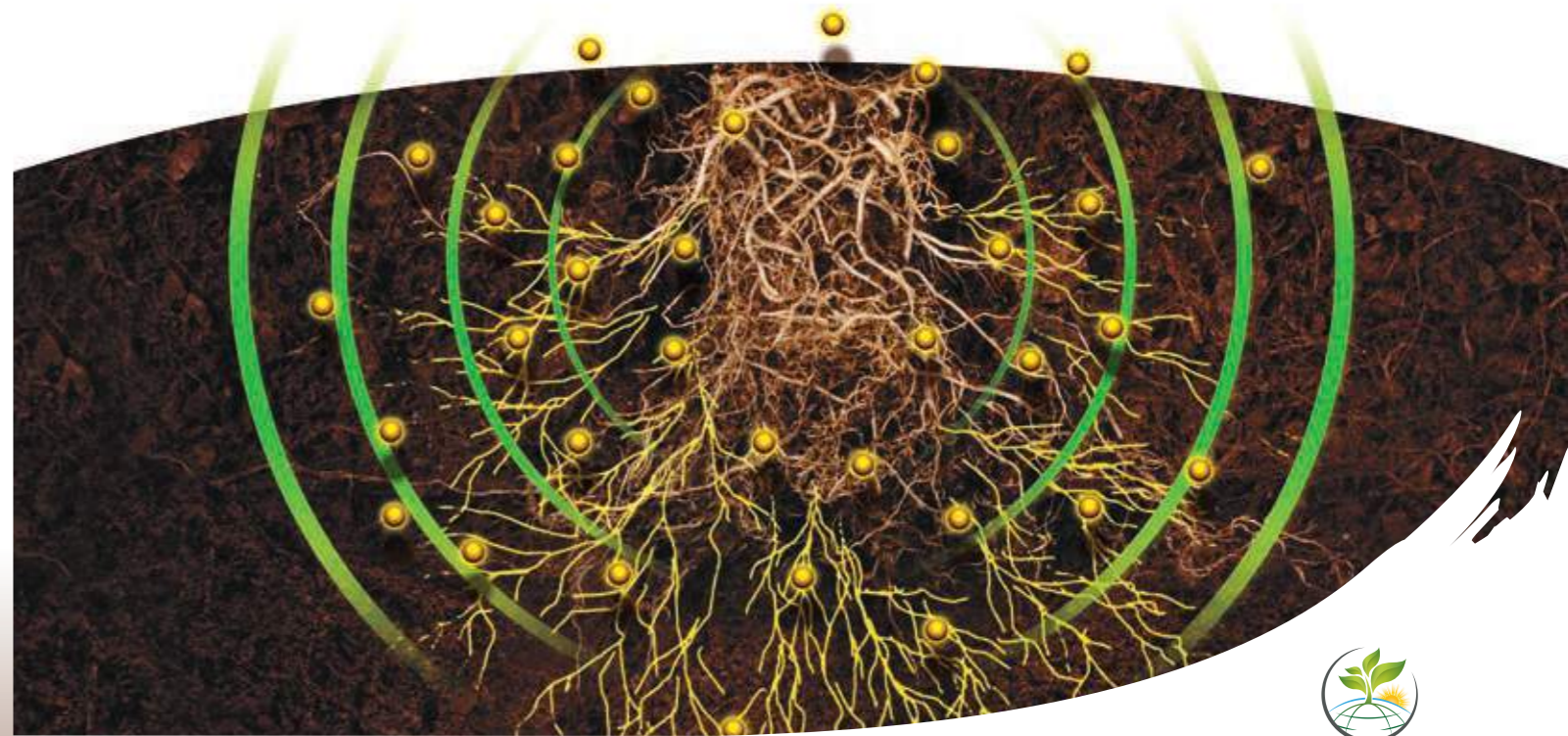


Asir



FRUIT | HORTO | FORESTAL

FRUIT | HORTO



Atens



Product developed and manufactured by:



Follow us:



Quality, care, production and balance



Asir

ASIR is an all-inclusive product with beneficial microorganisms that enhances and balance the growth of your crops, while keeping them protected

ASIR is a unique solution in the market, the result several years of R&D.

Main benefits



• Enhances the radicular system

The mycorrhizas included in ASIR generate a symbiosis with the roots of the plant, developing an enhanced radicular system that increases the absorption of water and nutrients.



• Promotes a balanced growth

A crop with mycorrhizas grows uniformly, and improves the health and resistance against several types of issues.



• Helps to protect the roots

The trichoderma included in each tablet contributes to protect the root system against various types of stress in the early stages of the crop.



• Stimulates the plant

The inclusion of plant-derived organic substances stimulates the development of the plants, minimizing the stress produced by the transplant.

Mycorrhiza

BEST QUALITY

Atens

The mycorrhizal fungi included in each tablet are produced in **ATENS** through our own **in-vivo** replication system, which ensure high-quality spores that effectively colonize the plant. Our in-vivo production method allows, unlike the in-vitro methods, to obtain vital and resistant spores, ensuring an efficient symbiosis.

ASIR is manufactured by the **latest generation pharmaceutical technology**. Our strict production protocols guarantee the quantity and homogeneity in the spores (the type of propagule that guarantees the best efficiency and resistance of the inoculum) content of each tablet. The accuracy regarding the spore content is essential in order to optimize the dosage and effectiveness of the product.



Total Mycorrhiza: 225 spores/tablet
Mycorrhiza *Rhizogloium irregulare* BEG72: 25 spores/g
Mycorrhiza *Funneliformis mosseae* BEG234: 25 spores/g
Trichoderma *koningii* TK7: 1 x 10⁶ UFC/g
Rhizosphere bacteria (PGPR):
 • *Bacillus megaterium* MHBM77: 1 x 10⁶ UFC/g
 • *Bacillus megaterium* MHBM06: 1 x 10⁶ UFC/g
NPK fertilizer: 8-5-4
Organic matter: 50%

Packaging of 50, 500 and 1500 TABLETS



Fertilizer product registered under Spanish law with number F0003654/2029



Total Mycorrhiza: 650 spores/tablet
Mycorrhiza *Rhizogloium irregulare* BEG72: 50 spores/g
Mycorrhiza *Funneliformis mosseae* BEG234: 50 spores/g
Trichoderma *koningii* TK7: 1 x 10⁷ UFC/g
Rhizosphere bacteria (PGPR):
 • *Bacillus megaterium* MHBM77: 1 x 10⁷ UFC/g
 • *Bacillus megaterium* MHBM06: 1 x 10⁷ UFC/g
NPK fertilizer: 8-6-4
Organic matter: 50%

Packaging of 50 and 300 TABLETS



Total Endomycorrhiza: 225 spores/tablet
Endomycorrhiza *Rhizogloium irregulare* BEG72: 25 spores/g
Endomycorrhiza *Funneliformis mosseae* BEG234: 25 spores/g
Ectomycorrhiza (*Pisolithus*, *Scleroderma*, *Rhizopogon*): 2 x 10⁶ spores/tablet
Trichoderma *koningii* TK7: 1 x 10⁶ UFC/g
Rhizosphere bacteria (PGPR):
 • *Bacillus megaterium* MHBM77: 1 x 10⁶ UFC/g
 • *Bacillus megaterium* MHBM06: 1 x 10⁶ UFC/g
NPK fertilizer: 8-5-4
Organic matter: 50%

Packaging of 500 TABLETS



Total Mycorrhiza: 200 spores/tablet
Mycorrhiza *Rhizogloium irregulare* BEG72: 25 spores/g
Mycorrhiza *Funneliformis mosseae* BEG234: 25 spores/g
Trichoderma *koningii* TK7: 1 x 10⁶ UFC/g
Rhizosphere bacteria (PGPR):
 • *Bacillus megaterium* MHBM77: 1 x 10⁶ UFC/g
 • *Bacillus megaterium* MHBM06: 1 x 10⁶ UFC/g
NPK fertilizer: 3-3-4
Organic matter: 50%

Packaging of 500 and 1500 TABLETS

Product suitable for use in organic agriculture



Fertilizer product registered under Spanish law with number F0003653/2029



Total Mycorrhiza: 600 spores/tablet
Mycorrhiza *Rhizogloium irregulare* BEG72: 50 spores/g
Mycorrhiza *Funneliformis mosseae* BEG234: 50 spores/g
Trichoderma *koningii* TK7: 1 x 10⁷ UFC/g
Rhizosphere bacteria (PGPR):
 • *Bacillus megaterium* MHBM77: 1 x 10⁷ UFC/g
 • *Bacillus megaterium* MHBM06: 1 x 10⁷ UFC/g
NPK fertilizer: 3-3
Organic matter: 50%

Packaging of 300 TABLETS

Product suitable for use in organic agriculture.



ASIR is a product developed and patented (**WO2018134465A1**). The plant fiber contained in **ASIR** provides greater water availability to plants and rhizosphere microorganisms while preventing the leaching of nutrients during episodes of excessive irrigation.

The microorganisms included in **ASIR** come from strains isolated by **ATENS** in collaboration with prestigious research centers, like the **Institut de Recerca i Transferencia Agroalimentaria (IRTA)** and the **Instituto Canario de Investigaciones Agrarias (ICIA)**.