

DESCRIPTION OF ECTOPLANT

ECTOPLANT is a natural biological product consisting of spores of fungi forming ectomycorrhizae. It also contains natural compounds of plant origin that help compaction and a moisture retainer.

General characteristics and mode of action

ECTOPLANT is a formulation specifically studied for a quick and practical forest plant mycorrhization in nursery or field (established plants or during the transplant). The absence of ectomycorrhizal association in the roots of plants is often the cause of the failure of reforestation programs. Among the benefits provided by plants are: better absorption of water and soil minerals, increased survival, increased resistance and / or tolerance to certain soil pathogens as well as water and saline stress. Other benefits include an increased root system of plants and a decrease in the provision of fertilizer and water.

The application of soil disinfectant, fungicide treatments and fertilizer high in phosphorus, can affect or inhibit the development of mycorrhizal fungi.

Product suitable for use in all species of Pinaceae (pines and firs in general), Fagaceae (oaks, oaks, chestnut and beech), Betulaceae (birch, hazel, alder) and Salicaceae (willows and poplars).
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Delivery formats

ECTOPLANT tablets can be supplied in bags of 500 units, vacuum packed



ECTOPLANT DATASHEET

Tablets

Fungal genera Contents: Rhizopogon sp, Pisolithus tinctorius, Scleroderma verrucosum, Suillus spp.

Number of viable microorganisms: > 2x10⁶ spores / unit

Qualitative-quantitative: the product is in the form of spores, supported by inert, inorganic substrates, organic matter and agents for the compression

Physical-chemical analysis of the product

Tablets

Volume of product per unit:	7cc
Unit Weight:	5g
Odor:	earth
Dry matter:	96%
pH in water (1:5):	6.5-7
N (total):	0.4% DM (dry matter)
P2O5:	0.5% MS
Exchangeable K2O:	0.5% MS
Organic matter:	12% MS

Expiration

18 months Do not expose directly to sunlight, kept in a dry place freq).

Instructions for use

For transplant

Place under the plant in direct contact with the roots.

For established plants

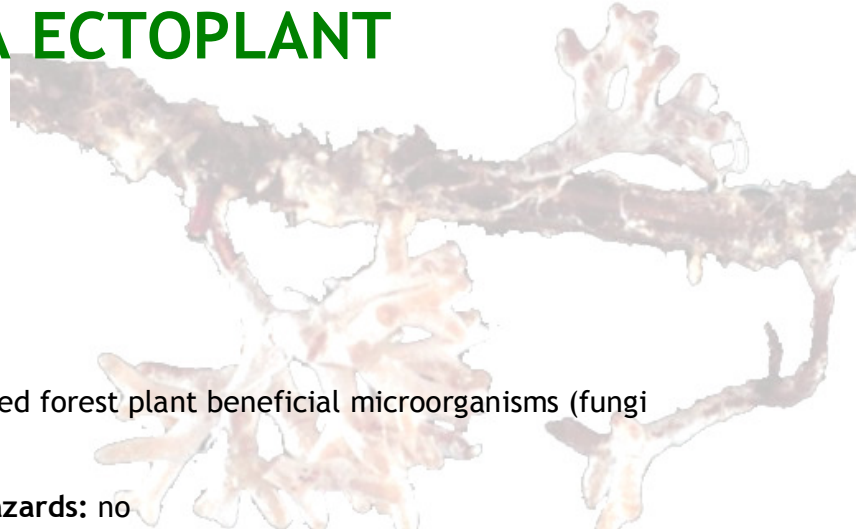
Buried in the ground, and place it in contact with the roots

Dose

1 tablet per plant



SAFETY DATA ECTOPLANT Tablets



Product and manufacturer

Trade name: Ectoplant

Product Category: concentrated forest plant beneficial microorganisms (fungi forming ectomycorrhiza)

Identification of potential hazards: no

First aid measures: if the tablet dissolves and the resulting dust falls into eyes, rinse with water if necessary

Fire-fighting measures: non-relevant (non-flammable product)

Measures in case of accidental spillage: retrieve the product and use it if it has not been in contact with other inert substrates

Precautions for handling and storage: Normal handling.
Store in cool, dry place

Personal Protection: no

Stability and Reactivity: Stable product with no hazardous reactions

Toxicological information: Inhalation of copious quantities of dust due to the disintegration of the tablet may cause transient respiratory distress.



Ectomycorrhizal Plants: 5% of Plants—Mainly Conifers & Oaks—more woody plants.

Some commercially important plant groups that benefit from ECTO-mycorrhizal fungi:

- Alder (Endo/Ecto)
- Arborvitae
- Arctostaphylos
- Aspen (Endo/Ecto)
- Basswood
- Beech
- Birch
- Chestnut
- Chinquapin
- Cottonwood (Endo/Ecto)
- Douglas fir
- Eucalyptus
- Filbert
- Fir
- Hazelnut
- Hickory
- Hemlock
- Larch

