

Rhizanova™

Mycorrhizal Inoculants

Product Overview

Rhizanova brand is a family of mycorrhizal fungi inoculant products. These products contain naturally occurring fungi, which colonize and form symbiotic relationships with plant roots. By the extension of fungal growth into the soil, the effective absorptive area of roots is greatly increased. Chemical activity of fungal extensions on soil components solubilizes and mobilizes inorganic nutrients making these available to the plant. In particular, the beneficial effects of mycorrhizae on phosphorus uptake is universally accepted. Increased uptake of water is frequently observed, as well. Mycorrhizae are especially critical for plants growing in infertile soils and/or drought-prone areas. Mycorrhizal plants are rendered more fit, more able to grow, compete, reproduce and withstand environmental stresses such as disease and drought. Fungi species included in Rhizanova products were carefully selected for their wide distribution on plant species and aggressive colonization of roots.

There are two primary forms of mycorrhizae:

Endomycorrhizae

- Formed with fungi that grow within cortical root cells but also extend loose strands of vegetative growth into the soil.
- Form associations with herbaceous and broadleaved woody plants including agricultural and horticultural plant species with the exception of ericaceous plants. (rhododendron, azalea, laurel, and blueberries)

Ectomycorrhizae

- Formed with fungi whose growth normally produce a mantle of compact tissue that may completely cover plant feeder roots.
- Form association with many woody plants and, in particular, coniferous species. (pine, spruce, fir, etc.)

Differentiation

- Becker Underwood places an emphasis on product quality and quantity of inoculum
- ISO 9001 registered manufacturing means...
 - The raw inocula included in all rhizanova products are required to be certified as to species and number of fungal spores before entry and use is allowed;
 - Certificate statements are verified by third party analysis; and
 - Infectivity tests are conducted to ensure high levels of colonization.
- We believe no supplier of formulated mycorrhizal inoculants are held to higher standards than Becker Underwood.

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