

Soil Success-AG

MYCORRHIZAL FUNGAL INOCULANT

Contains:

- Three Species of Beneficial Mycorrhizae
- Two Species of *Trichoderma*-Disease Inhibiting Organisms

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IMPROVES:

- Plant Growth
- Nutrient Uptake
- Root Growth
- Drought Tolerance

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REDUCES:

- Fertilizer Usage
- Plant Diseases
- Wilting
- Moisture Stress

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USED FOR:

- Vegetables, Grain Crops, Herbs, Berries, Nurseries, Fruit Trees, Grape Vines

Mycorrhizal fungi grow in a mutually beneficial association with plant roots. The mycorrhizal relationship occurs with nearly all grasses, turf, crop plants, ornamentals, wild herbaceous plants, shrubs and trees.

Soil Success-AG contains mycorrhizal fungi that colonize plant roots and extend the root system into the surrounding soil, greatly enhancing the absorptive surface area of the root system. The result of this symbiosis is that the plant enjoys improved nutrient and water uptake, enhanced disease resistance, and superior field performance. Soil Success-AG can be stored in a cool, dry area for 24 months without loss of viability.

Soil Success-AG contains carefully selected mycorrhizal fungi, well suited to a variety of soils, climates, and plants. These fungi build a natural microbial system in and on plant roots, which greatly enhances plant growth and vigor.



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TECHNICAL DATA

Soil Success-AG contains all the ingredients for success:

Endomycorrhiza (VAM)

- *Glomus mosseae*
- *Glomus intraradices*
- *Glomus aggregatum*
- *Trichoderma koningii*
- *Trichoderma harzianum*

Active Ingredients:

Each pound of Soil Success-AG contains a minimum of 130,000 spores/ propagules of endomycorrhiza and *Trichoderma koningii* at 9×10^7 CFU's per pound and *Trichoderma harzianum* at 6×10^7 CFU's per pound.

EFFECT OF SOIL SUCCESS-AG SOLUBLE ON GROWTH OF EGGPLANT



BAND APPLICATION or SIDE DRESSING

Dosage: 1.5 to 2.0 Lbs Soil Success-AG per acre (700 to 900 g/ha)

The micronized inoculum is a powder with a particle size of less than 225 microns (#70 screen). It must be mixed well with water and kept agitated during application. To ensure thorough mixing, Soil Success-AG should be made into a slurry, in a pre-mix tank or separate container (bucket) prior to adding to the spray tank. Mix the product thoroughly with water using a paddle mixer. May be banded over the top of seedlings or used as a side-dressing. Water in within 24 hours after application. Application rates may be adjusted downward based on the actual area being treated.

Nurseries/Drench:

Mix one pound (500 grams) Soil Success-AG in a minimum of 50 gallons (200 lt.) of water.

Use as a soil drench in the growing media. The object is to get the spores in close contact with roots.

In Furrow Seed Treatment:

Dosage: 0.75 to 1 Lb Soil Success-AG mycorrhizal inoculant for one acre (0.8 to 1.2 KG / Ha.)

Apply in furrow, before or during sowing.

Note: Studies suggest that high levels of available soil phosphate (soluble phosphates) may result in reduced root colonization by mycorrhizal fungi. Therefore, following mycorrhizae application, growers should decrease their phosphorus (P) fertilization by 20-30%. High soil pH, above 8.2, will limit mycorrhizal colonization and should be avoided.



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