

# Soil Success-AG

## BENEFICIAL FUNGAL INOCULANT

### Contains:

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

### This safe product IMPROVES:

- Plant Growth
- Nutrient Uptake
- Root Growth

### This safe product REDUCES:

- Fertilizer Usage
- Plant Diseases
- Wilting

### This safe product is USED FOR:

- Grains, Vegetables, etc.
- Nurseries
- Fruit Trees

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 turf 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.

*The Soil Success-AG contains carefully selected mycorrhizal fungus 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 vigour. Most tree species form ectomycorrhiza and will not respond to Soil Success-AG.*

John Wylie Farm, Kansas  
Wheat planted 10/4/07  
Photograph taken 5/19/08

No Soil Success applied

With Soil Success



# Soil Success-AG

## TECHNICAL DATA

**This Soil Success-AG contains all the ingredients for success:**

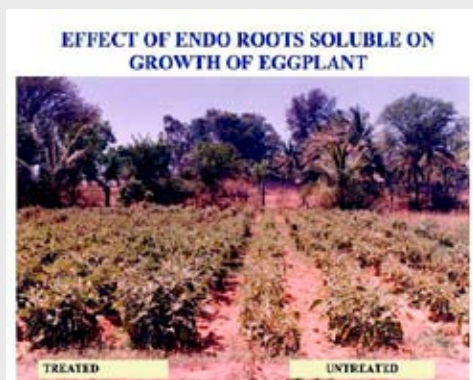
### **Endomycorrhiza (VAM)**

- (a) *Glomus mosseae*
- (b) *Glomus intraradices*
- (c) *Glomus aggregatum*

*Trichoderma koningii*  
*Trichoderma harzianum*

### **Active Ingredients:**

Each pound contains a minimum of 130,000 spores/ propagules of endomycorrhiza and *Trichoderma koningii* at  $9 \times 10^7$  CFU's per pound and *Trichoderma harzianum* at  $6 \times 10^7$  CFU's per pound.



### **APPLICATIONS:**

#### **Broadcast:**

Mix one pound in 10-20 gallons of water to treat 5000 sq. ft. (9 lbs./acre). 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-Sol 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. Apply in furrow at seeding, with irrigation, during or after transplanting. Water in within 24 hours after application. Application rates maybe adjusted downward based on the actual area being treated.

#### **Nurseries/Drench:**

Mix one pound in a minimum of 50 gallons of water. Use as a soil drench in a porous media. The object is to get the spores in close contact with roots.

#### **Seed Treatment:**

Use 3/4 to one pound of Soil Success mycorrhizal inoculant to treat enough seed to sow one acre. Soil Success mycorrhizal inoculant can be applied to seed as a dry powder or as a spray coating. Apply before or during sowing. The goal is to supply 100,000 propagules on enough seed to treat one acre.

**Note:** Mycorrhizae colonization can be reduced by high rates of available phosphorous. Studies have shown that following mycorrhizae application, growers can decrease their P fertilization by 20-30%. High Soil pH, above 8.2, will limit mycorrhizae colonization and should be avoided.



**Soil Technologies Corp.**

2103 185th Street, Fairfield, IA 52556, U.S.A.

1-641-472-3963 FAX: 1-641-472-6189

[www.soiltechcorp.com](http://www.soiltechcorp.com)