

# MycoGold Soybean Blend – Mycorrhizal Biological Soybean Inoculant Seed Treatment

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## Achieve **Golden Soybean Yields**

MycoGold™ Soybean Blend is the only biological soybean Inoculant, or seed treatment product on the market that provides the combination blend of soybean specific Bradyrhizobia, Bio-Stimulants, Mycorrhizal Fungi, Beauveria Bassiana Fungi, Micro-Nutrients, and a group of highly effective complex vitamins. This powerful Biological Arsenal inoculant works symbiotically with the plant to produce a much more vibrant plant that maximizes yields from germination all the way to harvest.

## The Ultimate Soybean Inoculant Seed Treatment



### **Bio-Stimulants ,Mycorrhizal Fungi, Beauveria Bassiana, Bradyrhizobia, Micro-Nutrient Combo**

This combination biological arsenal work together to provide the best and most complete biological soybean inoculant, or seed treatment created. First, the Bradyrhizobia goes to work converting atmospheric Nitrogen gas into Ammonia gas in the form of nodules. Secondly, the Enzyme/Amino/Vitamin package accelerates the plants metabolic growth development and processes nutrients for the plant. The Mycorrhizal Fungi takes over increasing the root absorption area 100 to 1000 times more than control. This increased root system allows for more efficient uptake of Moisture and Nutrients along with improving the soil biology. The Beauveria Bassiana grows endophytically through the plant increasing vigor and defending against certain insect pests. Last but not least, the micro-nutrients give your beans that boost during the initial growing stage allowing for a head start and better emergence over control that pays dividends. Our tests have shown an average increase in yield of 11.2% over the last three years.

### **Application**

MycoGold™ Soybean Blend is a dry seed treatment biological soybean inoculant applied as a planter box additive. Mix MycoGold™ evenly with seeds when filling seeder using grain auger or directly in the hopper or other container. **See label for application rate.** The talc/graphite carrier also helps to lubricate your planter equipment.

## Save on Seed Rate and Fertilizer

Our tests have shown that when soybean plants are treated with MycoGold™ soybean seed treatment, the efficiency dramatically increases in nutrient uptake. This has allowed for a 10%-20% reduction in fertilizer. The Mycorrhizal fungi seek out NPK and other micro nutrients with its increased root system. Studies have shown that Mycorrhizal fungi have been estimated to 'substitute' up to 170 lbs/acre of phosphorous for soybean. MycoGold biological soybean inoculant seed treatment allows for a 7% better germination rate over control.

## Dry Seed Treaters

(See special Offer) We use a dry seed treater on our farms to easily deliver MycoGold™ soybean inoculant onto our seeds. It is recommended to perform a calibration test with the device to adjust the flow rate to the drill box filling rate. Devices tested: Inoculator Seed Treater (Enviropac Inc., 1-800-752-1414, <http://www.enviropacinc.com/seedtreater.htm>)

## Soybean Blend Label



**MycoGold**  
Achieve Golden Yields

**Soybean Blend**  
Supreme Biological Inoculant

MycoGold® is an endomycorrhizal biological inoculant in powder form. It contains natural beneficial bacteria, fungi microorganisms, bio stimulants, and micronutrients. MycoGold® Bio-Inoculant will accelerate growth, enhance root system, colonizes roots, and provide superior drought stress protection. Certain active ingredients also prevent various soil-borne pathogens and insect pests from crop damage.

**Net Weight 100 oz.**

**ACTIVE INGREDIENT:**  
Endomycorrhizal Fungi CFU  $2 \times 10^6$  per ounce  
Beauveria Bassiana Fungi CFU  $2 \times 10^8$  per ounce  
Bacteria - Azospirillum, Azotobacter CFU  $4 \times 10^8$  per ounce  
Bacteria - Bradyrhizobia Japonicum CFU  $4 \times 10^8$  per ounce  
Complex Vitamins, Bio-Stimulants and Fortified Aminos, Humates

**MICRO-NUTRIENTS**  
Iron (Fe) .4%, Manganese (Mn) .4%, Magnesium (Mg) .9%, Boron (B) .05%, Cobalt (Co) .03%, Copper (Cu) .15%, Molybdenum (Mo) .01%, Zinc (Zn) 1%, Sulfur (S) 4%, Calcium (Ca) 4%.

**CARRIER:**  
Talc

**DIRECTIONS FOR USE:**  
Mix MycoGold® evenly with seeds when filling seeder using grain auger or directly in the hopper or other container. The application rate is 2 ounce of product per 50 lb. of seed. One 100 oz pouch of MycoGold® Soybean Blend covers up to 50 acres.

(Use included one ounce measuring cup (X2) per 50 lb. of seed to apply product)

For Bulk applications, use a dry seed treater or manually disperse MycoGold® evenly into stream of seed.

- 120 hour window after mixed with seed (dry application)  
- 4 week window after treated with seed (liquid polymer application)

**STORAGE AND HANDLING :** Store in a cool, dry place  
Do not freeze or expose to temperatures above 35°C (95°F)  
Avoid severe temperature variation  
Close tightly after use  
Respect the best before date.

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