

# SUSTÅNE

Naturally...

## SUSTÅNE BOLSTER MycoBio<sup>®</sup> MYCORRHIZAL BIOSTIMULANT & BACTERIAL INOCULANT

**NEW!**

**KNOWN WORLDWIDE FOR *SIMPLY THE BEST...*  
...NATURAL FERTILIZER & SOIL BUILDERS!**

### **BOLSTER MycoBio<sup>®</sup> MYCORRHIZAL BIOSTIMULANT & BACTERIAL INOCULANT**

#### **ENHANCED FOR SUPERIOR NUTRIENT UPTAKE & GROWTH PROMOTION**

Suståne Bolster MycoBio is a specially formulated blend of endo-mycorrhizae and beneficial bacteria used for inoculating soils and growing media with the added benefits from compost and humic acid. This biologically charged granular soil amendment can enhance root growth for rapid plant establishment and increases nutrient use efficiency from seedling through maturity.

#### **Recommended Use**

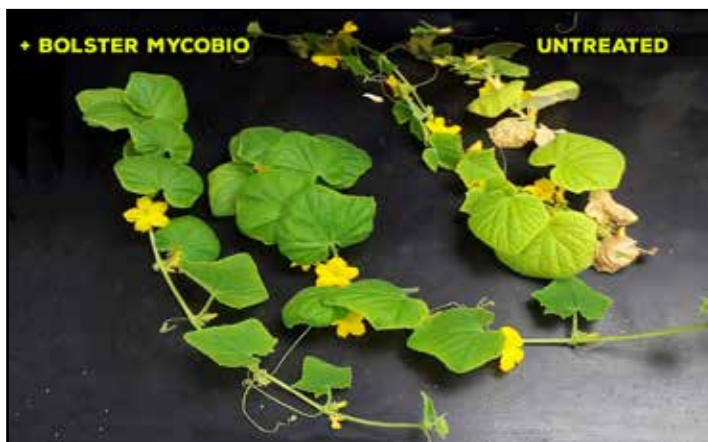
Use BOLSTER MycoBio for rapid and resilient seedling establishment. The BOLSTER MycoBio formulation supports the growth of diverse crops in all types of growing environments. Ideal for transplant production in greenhouse and nursery systems. BOLSTER MycoBio is ideal for application to new plantings of flower beds, landscapes, and turf grass.

#### **Professional Grade**

Suståne Natural Fertilizer is backed by over 30 years of independent applied research on diverse crops and ecosystems. Unmatched by any other organic fertilizer manufacturer, such research is the foundation for developing products that deliver value under a wide variety of growing conditions. The superior performance of Suståne's products is recognized by growers from around the world.

### SELECT INGREDIENTS FOR EFFECTIVE MYCORRHIZAL COLONIZATION, REGARDLESS OF GROWING CONDITIONS

Effective mycorrhizal colonization is associated with numerous soil and plant-enhancing effects, including improvements in soil structure, water use, and nutrient use efficiency. However, such benefits are not always observed due to differences in local soil conditions and variations in competitors' inoculant formulations.



Cucumber plants treated with Suståne BOLSTER MycoBio on the left vs. untreated control on the right. Plants treated with Suståne BOLSTER MycoBio show greater top growth and enhanced color.



Growth of Kentucky blue grass in response to different mycorrhizal formulations. Plants treated with Suståne MycoBio showed superior growth (left side) as compared to those receiving other test formulations (right side).





## INSTRUCTIONS FOR USE

BOLSTER MycoBio is particularly useful at promoting rapid establishment of diverse plants in growing media, and in constructed soils. MycoBio also improves tolerance to stressed conditions. Best used in combination with a Sustane-based organic fertility program using an N:P<sub>2</sub>O<sub>5</sub> ratio that is greater than 2:1 over the entire grow cycle.

## APPLICATIONS AND RATES

Blend into growing media used for seed starting, transplant production and/or initial planting of rooted cuttings at 1 - 2 lb. per yd<sup>3</sup> (.65-1.5 kg m<sup>3</sup>) of media.

### Landscape and Garden Use:

Apply ½ cup per gallon (64 g per 3.8 L) to fill dirt when planting shrubs or trees. In garden beds, use just 1 teaspoon (2.5 g) of material in each transplant hole for small flower vegetable transplants. Alternatively, apply in furrow using 1 lb.-2 lb. per 100 ft<sup>2</sup> (1-2 kg per 100 m<sup>2</sup>) of soil when planting vegetable, fruit, or flower gardens.

### Greenhouse/Transplant Production:

For seed starting, transplant production, and/or initial planting of rooted cuttings, thoroughly incorporate into potting media using 1 - 2 lb. per yd<sup>3</sup> (.65-1.5 kg m<sup>3</sup>). Increase to 3 lb. per yd<sup>3</sup> (1.95 kg m<sup>3</sup>) when using propagation trays with < 20 cm<sup>3</sup> cell volumes. For smaller planting volumes or planted containers, use 1.5 tablespoon per gallon (2.6 g per L) of potting media, or 1 cup per 2.8 ft<sup>3</sup> (128 g per .26 m<sup>3</sup>) loose filled bag of media.

### Lawn Establishment:

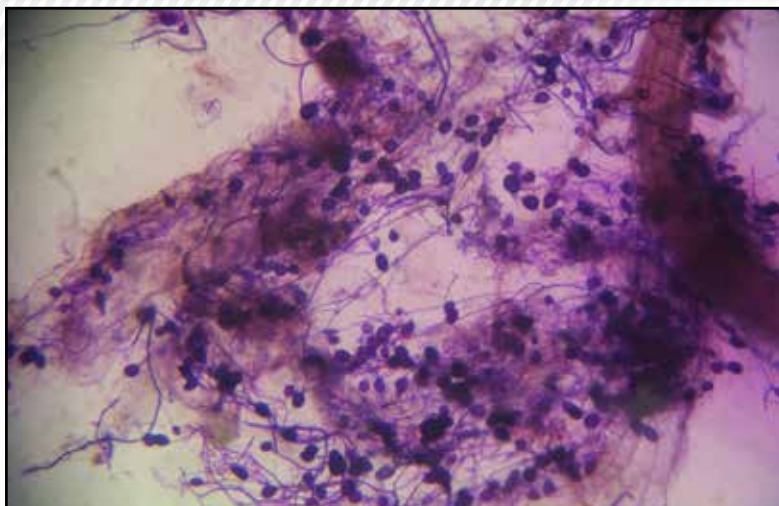
Applied prior to or concurrently to seeding with any species of turf grass. Broadcast apply 2 to 4 lb. per 1000 ft<sup>2</sup> (1.5 - 3 kg per 100 m<sup>2</sup>), then lightly incorporate into the seed bed.

*\*NOTE: ADJUST FERTILIZER PROGRAM FOR LOCAL CONDITIONS & REQUIREMENTS.*

## STORAGE

Store in a cool, dry place. Do not expose to moisture or extreme temperatures. For best results, use by expiration date printed on label.

Item #	Package Size	Units / Case	Units / Pallet
<b>BOLSTER MycoBio®</b>			
<i>Fine Grade 100 SGN</i>			
60-60-6061	1 lb. jar	12 / case	40 cs / pallet
60-60-6065	6 lb. canister	4 / case	60 cs / pallet
60-60-6060	40 lb. bag	--	50 bags / pallet



Light microscopy image of a plant root with an effective mycorrhizal infection. Blue stained portions represent effective colonization of the root by the endo-mycorrhizae in BOLSTER MycoBio.



### BOLSTER MycoBio Guaranteed Analysis

#### CONTAINS NON-PLANT FOOD INGREDIENTS:

36.7% Compost	
0.3% Humic Acid (derived from leonardite)	
<b>Endo-Mycorrhizae Inoculant</b>	
<i>Rhizophagus irregularis</i> .....	84 spores/g
<i>Rhizophagus clarus</i> .....	12 spores/g
<i>Septoglo mus deserticola</i> .....	12 spores/g
<i>Claroideoglo mus etunicatum</i> .....	12 spores/g
<b>Bacterial Inoculant</b>	
<i>Bacillus subtilis</i> .....	20,000 CFU/g
<i>Bacillus pumilus</i> .....	20,000 CFU/g
<i>Bacillus megaterium</i> .....	20,000 CFU/g
<i>Bacillus licheniformis</i> .....	20,000 CFU/g
<i>Bacillus amylo liquefaciens</i> .....	20,000 CFU/g

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>