



# MICROBES

NET CONTENTS: 2.5 Gallons/9.45 Liters

NET WEIGHT: 20.75 lbs/9.25kg

**SuperBio® Microbes** is a microbial soil amendment for the purpose of improving plant growth, increasing plant nutrient availability, reducing salinity stress, and improving soil structure.

**Microbes** *supplement* your existing fertilizers and plant foods. Optimal results are obtained when using at time of fertilization. Not recommended as a fertilizer substitute.

Make AMS products part of your regular fertilization and soil management program.

MADE IN THE USA

**SHAKE WELL**

**NON-PLANT FOOD INGREDIENTS:**

Microorganisms ..... 1%  
cfu/mL (cc) = colony forming units/milliliter or cubic centimeter  
*Acidovorax facilis* 1x10<sup>3</sup> cfu/mL(cc); *Bacillus licheniformis* 1x10<sup>3</sup> cfu/mL(cc); *B. subtilis* 1x10<sup>3</sup> cfu/mL(cc); *B. oleronius* 1x10<sup>5</sup> cfu/mL(cc); *B. marinus* 1x10<sup>3</sup> cfu/mL(cc); *B. megaterium* 1x10<sup>4</sup> cfu/mL(cc); *Rhodococcus rhodochrous* 1x10<sup>3</sup> cfu/mL(cc);

Inert ingredients including water-based culture medium ..... 99%

**SuperBio Microbes** is Non-Pathogenic.

**Optimum storage conditions:** Store product in dark fiberglass or plastic containers in cool, dry place out of direct sunlight. Protect from freezing.

**WHEN TO USE:** Before, after or along with fertilization program.

**MIXING: SHAKE WELL** and mix with sufficient quantity of water (at least 10:1 water to **Microbes**) and/or liquid fertilizer to obtain proper coverage. Higher dilution ratios are not detrimental and may assist in achieving even coverage over the recommended area. Apply through existing spray equipment that has been thoroughly rinsed. Broadcast sprayer, hose end sprayers, hand sprayers, watering pails and injection systems are all acceptable methods of applying.

**NOTE:** If mixing with liquid fertilizer that has not been diluted with water, it is preferable for **Microbes** to be mixed at least 1:1 with water before adding it to the mixture. If mixing in sprayer with liquid fertilizer, JAR TEST to assure compatibility with different mixtures of chemicals. Use caution when mixing with herbicides (Jar Test). When mixing with other products, avoid highly acidic or alkaline conditions.

**Exp: 12/11**

**Athletic Fields:** Two (2) gallons per acre every time you fertilize.

**Golf Courses:**

Broadcast Spray for Greens -Initial: Six (6) oz per 1,000 sq. ft.  
Additional: Three (3) oz per 1,000 sq. ft. per month  
Broadcast Spray for Fairways - Initial: 2 gallons per acre  
Additional: ½ gallon per acre per month  
Injection System - Initial: 1.25 gallons per acre  
Additional: ½ gallons per acre per month

**Nurseries/Landscaping/Turf-Sod Farms:** One (1) gallon covers 24,000 sq. ft. One and a half (1.5) to three (3) gallons per growing season.

**Seedbeds:** One (1) quart covers 43,560 sq. ft. (one acre). Mix at least 10:1 water to **Microbes** prior to application. Spray directly into the seedbed and onto the seed.

**TRANSPLANTING:**

When transplanting plants, the bare roots or seed tray may be drenched (dipped) in a solution of one (1) gallon of water mixed with one (1) to two (2) ounces of **Microbes**, or apply the solution to the soil around the ball of the plant and into the hole at planting. For optimum results, spray the soil surface at the recommended rates about one (1) to two (2) weeks prior to transplanting and a second application 15-45 days following planting at two (2) quarts per acre.

**CAUTION: Use only as directed. Do not take internally.  
KEEP OUT OF REACH OF CHILDREN**

NO WARRANTIES ARE IMPLIED OR EXPRESSED AND BUYER ASSUMES RESPONSIBILITY FOR THE PROPER USE OF THIS PRODUCT.

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

ADVANCED MICROBIAL SOLUTIONS, L.L.C. (AMS)  
PO Box 519 • Pilot Point, Texas 76258

Lot#: 1234

**SHAKE WELL**