

U.S. Micro-Bac

U.S. Micro-Bac is a concentrated suspension of active soil bacteria and fungi. U.S. MicroBac consists of 4 endomycorrhizal fungi species and 7 ectomycorrhizal fungi species.

U.S. Micro-Bac provides support for soils which have been damaged (e.g. by drought stress, heavy equipment compaction, chemical runoff) or depleted (e.g. by intensive growing, erosion, and weathering). These microbes go on to liberate minerals and nitrogen in a soluble, plant-usable form.



States U.S. Micro-Bac Registered: AL, AZ, CA, CO, CT, DE, FL, GA, ID, IL, IN, IA, KS, LA, MD, MA, MI, MN, MO, NV, NJ, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WV, WI

Titasa USA LLC OMRI Listed Products

Liquids U.S. Sea Kelp
Liquids U.S. Fish Hydrolysate
Liquids U.S. Humate Plus
Liquids U.S. Yucca
Liquids U.S. Vermap
Granular U.S. Kelp Meal 1-0-2
Granular U.S. Nutri-Cast 3-4-2
Granular U.S. Vermacompost Fine Grade
Granular U.S. Vermacompost Standard Grade
Granular U.S. Vermax 4-4-2 w/9% Ca
Soluble U.S. Coral Calcium
Soluble U.S. Humic Acid Powder



U.S. Micro-Bac

Liquid Microbial Stimulant

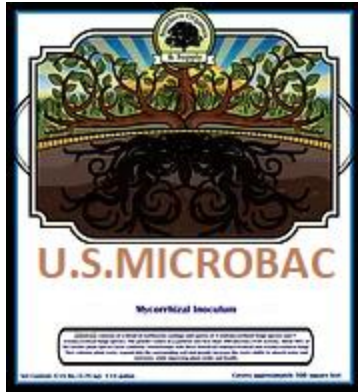
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U.S. Micro-Bac

Organic Liquid Microbial Stimulant



About U.S. Micro-Bac:

- A liquid concentrate of beneficial bacteria and fungi. Because the beneficial microbes are in liquid suspension, they are easily applied over large areas.
- The mycorrhizae in U.S. MicroBac colonize the soil and plants' roots, improving plants' nutrient uptake and resistance to stress.
- The microbes convert atmospheric nitrogen into soluble forms. They also secrete natural gels that bond soil particles together and improve soil texture.
- They colonize plant roots, expand into the surrounding soil and greatly increase the root's ability to absorb water and nutrients, while improving plant yields and health

Mixing Instructions:

When mixing with water, fill container halfway, then add product and the remaining water.

Gallon Mix: While agitating the solution add 3 fluid ounces of U.S. MicroBac to 1 gallon of water.

Tank Mix: While agitating the solution, add 1 gallon of U.S. MicroBac to 50 gallons of water.

Directions For Use: Shake well before use. Do not store diluted.

Shelf life is 2 years from date of purchase.

Application Rates

Apply 50 gallons of U.S. MicroBac mixture per acre. (40 ounces per 1,000 ft²)

Transplants: Dip damp roots in the U.S. MicroBac solution so a small amount sticks to the roots or drip into planting holes. Use 1 ounce under each cutting.

Potted Plants: Apply 1/2 teaspoon of Microbac to potted plants.

Trees: Apply 1/4 ounce per inch of stem caliper

Nurseries: U.S. MicroBac can be mixed into the soil before/during filling cavities, pots and trays.

Use 2 to 4 ounces per yard. Use a higher rate if filling smaller cavities.

Restoration of soil: Use 6 ounces per acre for broadcast or hydro-mulch applications, before or during planting.

Guaranteed Analysis:

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

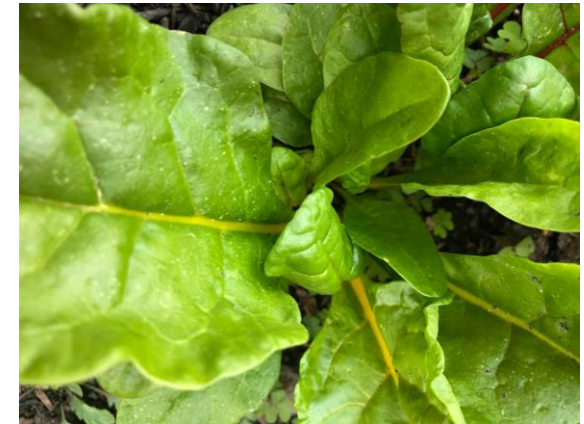
Soil Amending Guaranteed Analysis:

Endomycorrhiza: *Glomus intradices*, *Glomus mosseae*, *Glomus aggregatum* and *Glomus etunicatum* (7 propagules/mL each)

Ectomycorrhizae: *Rhizopogon villosulus*, *Rhizopogon luteolus*, *Rhizopogon amylopogon*, *Rhizopogon fulvicleba* (670 propagules/mL each)

Pisolithus tinctorius: (24,000 propagules/mL)

Scleroderma cepa and *Scleroderma citrinum*: (1,320 propagules/mL each)



Product Sizes Available:

1Gallon 2.5Gallons 5Gallons
55Gallons 275Gallons