



SOIL MIX:

Treat soil mix with 10 grams of MycoGenesis™ per 1 cubic yard.

SEED TREATMENT:

Treat with Spectrum+Myco™ with enough product to thoroughly coat seed to be planted.

SOIL PREPARATION WITH BIOLOGICALS:

Apply 1 lb. of MycoGenesis™ or 155 grams of Spectrum+Myco™ with NutraNeed™ at a rate of 12.5 oz. per 10,000 sq ft.

Each application should be used with 1 of the enzyme products and a carbon-based product (i.e. fish hydrolysates, humates, kelp, or other carbon-based fertilizer).

FOLIAR TREATMENTS:

When true leaves emerge, alternate Micro 5000™ and PZ 1000™ at a rate of 75-150 grams per 10,000 sq ft. every 14-21 days.

For organic use Micro 5000 Organic™ only.

Caution: Foliars are not recommended for conifer (evergreen) plants.

CONTAINER PLANTS:

Every 45 days per growing season: Spray or drench-apply Spectrum™ or Spectrum PSB™ to growing media at label rate per 10,000 sq ft. May also be applied directly to plants. May be applied along with foliar treatment.

For high sodium soils use Spectrum DS™.

EASY TREATMENT WITH BIOCAPS™ FOR PLANTED TREES:

Apply 1-2 BioCaps™ (13 gram) per tree, or BioCaps™ (2.5 gram) for seedlings or shrubs as follows: Make a 6-inch deep hole at the drip line, place 1 BioCap™ in the hole, poke capsule to break, and cover with soil. Water in. Can use up to 4 evenly spaced capsules for stressed or injured trees or shrubs. Apply BioCaps™ 2 or more times per year, ideally in spring and fall.

*BioCaps™ often recommended for homeowners when planting nursery stock.

TRANSPLANTING:

Root dip seedlings in a solution of 1 lb. of RhizoGenesis™ or MycoGenesis™ for organic use and 12.5 oz. of NutraNeed™ in 20 gallons of water before transplanting. Do not use mixed product after 24 hours.

BEST PRACTICES AND BASIC USAGE RECOMMENDATIONS:

- To avoid plugging: If agitation systems are not mechanical, premix products before adding to tank. 50-mesh screen is recommended.
- Apply foliar sprays in early morning or evening when temperature is below 80°F.
- Do not combine microbial products with antibiotics or materials that contain chlorides, bromine, fluorine, or elemental copper. Use in separate applications at least 2 days apart.
- These products are meant to be used together as a package application and are designed to work in conjunction with each other.
- Some growers have reported cutting back on their nitrogen inputs by 40% while using these products after achieving mineral balance.
- During times and stages of high plant stress (pest pressure, disease, etc.) the recommended rates can be doubled, but do NOT exceed a 2X increase as it may result in leaf burn.
- Non-chlorinated or R/O water is best with a pH between 6.0-6.4 if possible. Water over 105°F. can cause shock and harm to beneficial microbes and enzymes.
- Continuous agitation is recommended to keep materials suspended, vortex well and often when mixing and during use.
- Microbial products should be used within 24 hours after adding water.
- Always perform a jar test to ensure that there is no precipitant formation before the first application of any product or combination of products.
- Thoroughly clean and neutralize all tanks, lines, containers and sprayers prior to mixing products, especially after use of any toxic chemicals.

This protocol is intended as support for your fertility program and not as a replacement. It is designed for simplicity and compatibility with almost any fertilizer program. Our specific recommendations to you may vary depending on your unique situation.