



Natural Growing Through Biology

A BIOLOGICAL FARM MANAGEMENT SYSTEM (BFMS®) GUIDE FOR: Tomatoes

SPRING SOIL PREPARATION WITH BIOLOGICALS:

Apply MycoGenesis™ or BioGenesis I NP™ at a rate of 1 lb per surface acre and Pepzyme G™* or NutraNeed™ at a rate of 12.5 oz per surface acre. In-furrow application is recommended.

PLANTING:

Root dip new plants in a solution of 1 lb of RhizoGenesis™* and 12.5 oz Pepzyme G™* or NutraNeed™ in 5 to 20 gallons of water. To reduce waste of material, allow roots to drain over container.

Soaking roots in solution for up to 12 hours before planting is recommended. Once mixed in water, use within 24 hours.

SOIL TREATMENT FOR PLANTED FIELD:

Side dress rows with one of the following combinations: BioGenesis I NP™ and Pepzyme G™, or BioGenesis I Plus Polymers™* and Pepzyme G™, or Spectrum™ and Pepzyme G™.

FALL SOIL PREPARATION (ECONOMICAL PLAN) WITH BIOLOGICALS:

If soil preparation for spring planting is done in the fall, you can give the microbes a good head start, and save money by applying 50 grams of Spectrum™ or 155 grams of Spectrum + Myco™ and 12.5 oz of Pepzyme G™* per surface acre. To protect Spectrum™ microbes from UV damage, incorporate immediately, or apply with BFMS Soluble Humate Powder™ or Nutra Need™. For best first year results with Spectrum™, fall application is recommended to give the microbes ample time to establish before planting. Adding carbon is recommended especially in low organic matter soils.

SIDE DRESS ROWS WITH ONE OF THE FOLLOWING COMBINATIONS:

- BioGenesis I NP™ and Pepzyme G™*
- MycoGenesis™ and Pepzyme G™*
- Spectrum™ and Pepzyme G™*

SEED TREATMENT:

Treat seeds with BioGenesis III™ Seed Treatment or MycoGenesis™ Seed Treatment before planting.

FOLIAR TREATMENTS:

Apply Micro 5000™* foliar fertilizer at a rate of 75 to 150 grams per acre as soon as true leaves emerge on seedlings. Follow with subsequent applications of Micro 5000™* every 2 weeks until flower emergence. After flower emergence, apply 75 to 150 grams of PZ 1000™* per surface acre every 2 weeks until the last harvest.

(Continued on reverse)

FOR ORGANIC APPLICATIONS, PLEASE SUBSTITUTE:

NutraNeed™ or Pepzyme Clear™ for Pepzyme G™

Micro 5000 Organic™ for Micro 5000™ and PZ 1000™

Mycogenesis™ or BioGenesis I NP™ for RhizoGenesis™ or BioGenesis I™

FOR BEST RESULTS:

- 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.
- Mixing foliar fertilizers with thinning sprays could cause over-thinning. Use in separate applications.

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 situation.