Soil Preparation with Biologicals:

Apply MycoGenesis™ or BioGenesis I NP™ at a rate of 1 lb per 10,000 sq ft and Pepzyme G™* at a rate of 12.5 oz per 10,000 sq ft. Or 50 grams of Spectrum™ and 12.5 oz of Pepzyme G™* per 10,000 sq. ft.

Seed Treatment:

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

Foliar Treatments:

When true leaves emerge, alternate Micro 5000™* and PZ 1000™* at a rate of 75 grams to 150 grams per 10,000 sq. ft. every 2 to 4 weeks.

Caution: Foliars are not recommended for conifers.

Container Plants:

Apply foliars as directed above.

Once per growing season: Spray or drench-apply Spectrum™ to growing media at a rate of 50 grams (about 7 tbsp) per 10,000 sq ft. May also be applied directly to plants. May be applied along with foliar treatment.

Transplanting:

Root dip seedlings in a solution of 1 lb of RhizoGenesis™* or BioGenesis I™* and 25 fl oz of Pepzyme G™* in 5 – 20 gallons of water before transplanting. For best results, soak roots in solution for up to 12 hours before planting. Do not use mixed product after 24 hours.

For Organic Applications, Please Substitute:

- MycoGenesis™ or BioGenesis I NP™ for RhizoGenesis™ and BioGenesis I™
- NutraNeed™ or Pepzyme Clear™ for Pepzyme G™
- Micro 5000 Organic™ for Micro 5000™ and PZ 1000™

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.

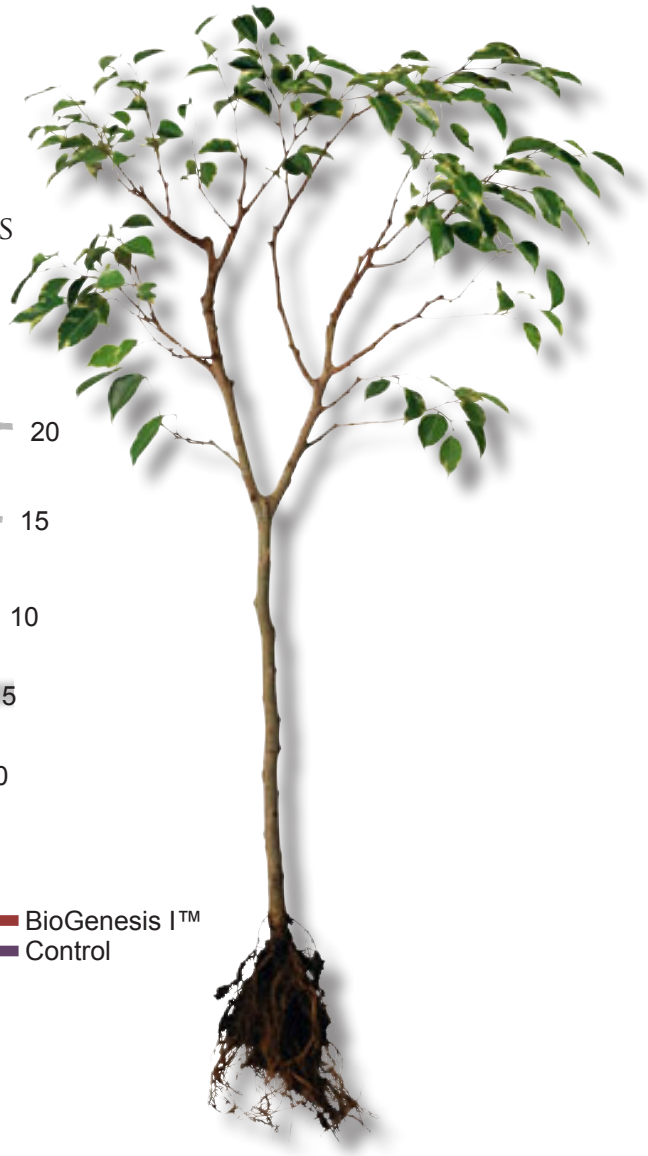
This protocol is intended as support for your fertility program and not as a replacement. It is designed for simplicity and compatibility with almost any fertility program. Our specific recommendations to you may vary depending on your own unique situation.

PO Box 19185, Spokane, WA 99219 • Tel. 509.747.5471 • Fax. 509.747.8122 • www.tainio.com

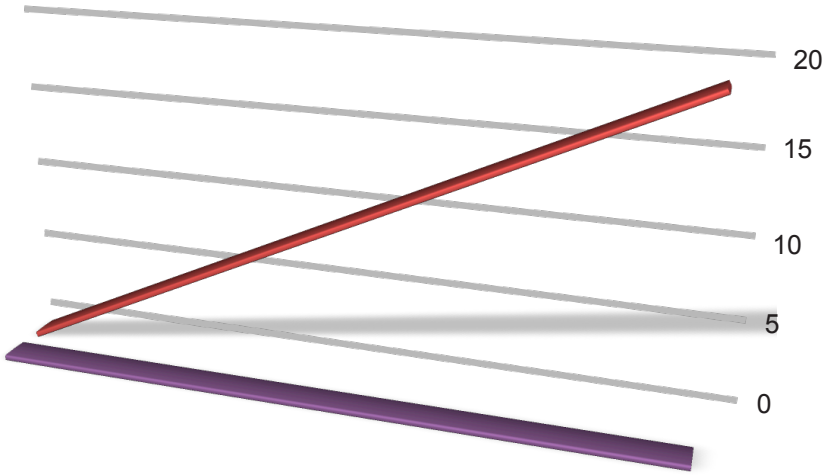
BFMS® Program RESULTS

The Role of Beneficial Microbes

- Promote healthy root growth
- Break down organic debris
- Break down toxins
- Increase mineral availability
- Improve soil tilth



% Gain of Plant Extractable Minerals in 15 Days (1.26% per day). BioGenesis I™ vs Control



Minerals include: P, K, Mg, Ca, N, S, Zn, Mn, Fe, Cu, B

BioGenesis I™
Control

PO Box 19185, Spokane, WA 99219 • Tel. 509.747.5471 • Fax. 509.747.8122 • www.tainio.com