

BioSphere Fruit & Nut Tree

Technical Specifications and Application Instructions

Product Description:

BioSphere AgriTech Fruit Tree is a concentrated complex of microbes and known soil plant amending ingredients combined with critical enzymes and the most effective microbe food sources available. The combination of these ingredients will make indigenous beneficial microbes explode in numbers in the soil. This will improve organic matter in the soil, growth patterns in plants, and fruit quality. There are no fillers. 100% of the ingredients have an active purpose for your soil and plants. BioSphere AgriTech Fruit Tree is double the microbial concentration of Biosphere AgriTech SP, making it a better fit when applying Foliar in Orchards. All fruit & nut trees.

Product Specifications:

Bacillus Mucilaginosus	1.3x10 ⁸ cfu/g
Bacillus Subtilis	8.0x10 ⁷ cfu/g
Bacillus Megaterium	4.0x10 ⁷ cfu/g
Bacillus Licheniformis	4.0x10 ⁷ cfu/g
Bacillus Simplex	4.0x10 ⁷ cfu/g
Glomus Intraradices Endomycorrhizae	112 propagules/g
Amino Acids:	14%
Appearance:	Fine tan powder
Solubility:	100% in water (some powder may remain in Suspension)

Benefits:

1. Inoculates soil and foliage with diverse populations of bacteria and fungi beneficial to soil, foliar, root zone and all plant life.
2. Stimulates the growth and reproduction of indigenous microorganisms.
3. Invigorates root growth.
4. Builds higher protein and sugar levels in plants.
5. Improves photosynthetic performance.
6. Helps to break up soil compaction
7. Enhances resistance to drought, pests, and disease.
8. Excellent for organic applications.



Directions for Use:

Liquid Application:

1. Add 120 to 240 Milliliters of water to each 1 weight measured ounce of BioSphere Fruit & Nut Tree in a pail and agitate until powder goes into full suspension.
2. Add water and other liquid fertilizers to tank as directed or Stand a lone application.
3. Add pre-mixed BioSphere Fruit & Nut Tree solution to the tank.
4. Top tank with water to disperse BioSphere Fruit & Nut Tree throughout tank.
5. Apply directly after adding to the tank.

Note: Avoid mixing biocides in the tank with BioSphere Fruit & Nut Tree as it may reduce viable microbial counts at the time of application.

Recommended Application Rates:

Foliar Tree Application:

160g to 320g per hectare

Application rates can vary greatly based on tree and soil conditions. Perform liquid BioSphere Fruit & Nut Tree foliar application every 6 weeks after initial inoculation. Starting pre bud and only apply after budding has completely finished. Last application should take place approximately 4 weeks prior to harvest.

Tree Root Zone Application:

As per Liquid Application rate above – 160g to 320g per hectare

Application should take place in early spring – mid season and post harvest.

Drench method is best around root zone canopy ring.