



Natural Growing Through Biology

A BIOLOGICAL FARM MANAGEMENT SYSTEM (BFMS) GUIDE FOR: Cannabis

PRE-PLANT PROPAGATION MEDIA AND STARTER PROGRAM:

1. Mix 1 tsp. to 1 Tblsp. Spectrum™, Spectrum + Myco™, or MycoGenesis™, and 1 tsp NutraNeed™ in 10 gallons of water to soak plugs or soil prior to propagation.
2. Lightly mist new seedlings with a mixture of 1oz. Spectrum™, Spectrum + Myco™, or MycoGenesis™ and ½ tsp of Micro 5000 Organic™ per gallon of water.
3. Repeat weekly after plants are 12"-15" high and have at least three full sets of leaves.

FOLIAR SPRAY MIST: :

1 tsp Micro 5000 Organic™ and 2 oz. fish fertilizer per gallon of water:

1. Mix products thoroughly in 1 gallon of tepid water.
2. Lightly mist directly onto leaf surface every 7-10 days.

FERTIGATION/SOIL DRENCH:

1. Mix 1 tsp. to 1 Tblsp. Spectrum™, Spectrum + Myco™, or MycoGenesis™, 6oz. NutraNeed™, and 2oz. fish fertilizer per gallon of water.
2. Apply every 7-10 days through drip irrigation or apply 8oz. per plant around root zone for 6" pot, 32oz. per 5 gallon pot, 64oz. per 10 gallon pot, etc.

BEST PRACTICES AND BASIC USAGE RECOMMENDATIONS:

- These products are meant to be used together as a package application, and are designed to work in conjunction with each other.
- Do not exceed the recommended application rates! If the soil minerals in your pots are well balanced the recommended rates can be reduced by as much as 50% while maintaining excellent results. 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.
- Tepid water is recommended for mixing solutions, also non-chlorinated or R/O water is best with a pH between 6.0-6.4 if possible. Water over 105 degrees 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.