



# Microbe Nutrients

## Food for Bacteria

PO Box 1555, Ventura, CA 93002  
800-248-2847 \* 805-643-5407 \* fax 805-643-6267  
e-mail [bugnet@rinconvitova.com](mailto:bugnet@rinconvitova.com)  
[www.rinconvitova.com](http://www.rinconvitova.com)

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### Description:

Microbe Nutrients, is a non-toxic, dry concentrate that can be applied with bacteria to promote their growth. Used with *Biostart*<sup>™</sup> Defensor or Rhizoboost, Microbe Nutrients enhances the action of these inoculants. This is a complete soluble food that stimulates germination of bacterial spores into growing cells, multiplying numbers of beneficial bacteria.

### Composition:

Dry molasses, yeast, soluble humic acid.

### Benefits:

- Easy to handle dry form
- Enhances action of *Biostart*<sup>™</sup> Rhizoboost and Defensor
- Soluble organic fertilizer
- Natural materials, non GMO, acceptable in organic programs
- Apply through irrigation, injection, sprinkler, spray
- By feeding bacteria, helps increase diversity of soil food web, availability of plant nutrients, and improvement in soil structure

### Compatibility:

Microbe Nutrients is compatible with most organic fertilizers. Fertilizers, such as kelp or seaweed, fish, yucca, humic acid and fulvic acid are compatible and also feed beneficial bacteria. Before mixing large quantities of additional fertilizers or other materials, mix the materials in a jar to be sure contents stay in solution.

### Packaging and Handling:

Packed in 2 and 8 pound bags. Store in a cool dry place. Tightly reseal container after opening. Product is low risk and nontoxic. Do not inhale or avoid contact with eyes. In case of contact, flush with water.

### Application:

Mix at the rate of 2 pounds of Microbe Nutrient to 1 quart of *Biostart*<sup>™</sup> inoculant (8 pound/gallon). Can be mixed at up to 20 times this rate (i.e. 40 pound Microbe Nutrients to 1 quart *Biostart*<sup>™</sup>) to extend the effectiveness of bacteria. Half fill sprayer with water, turn on agitator, and sprinkle Microbe Nutrients powder into water. Add *Biostart*<sup>™</sup> Defensor or Rhizoboost to water, then dilute to volume. Apply by spraying onto foliage or the soil, or inject into irrigation system. After mixing with Microbe Nutrients, *Biostart*<sup>™</sup> bacteria start growing. Apply within 1 day of mixing.