

Take it From Nature



EM•1[®] Effective Microorganisms[®] is a safe, nature-grown solution that:

- Promotes soil formation and soil compaction resistance
- Improves seed germination and root development
- Increases nutrient availability
- Improves crop quality: size, color, and shelf life
- Helps improve soil structure and porosity
- Accelerates conversion of organic matter into soil humus
- Increases beneficial microbe activity

TeraGanix
life's getting better

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*Healthy
Soil
Grows
Healthy
Crops*



**Natural
Organic
Solutions**

Original **Authentic** Effective Microorganisms®

For over 20 years, Effective Microorganisms® has been producing amazing results for growers on 6 continents. EM•1® Microbial Inoculant works in all soils types, all farming systems, and all climates on Earth. Dr. Teruo Higa pioneered the methodology of repeated applications of a microbial inoculant in farming systems. The USDA learned of EM•1® in the early 1990's and experimented with it finding many beneficial effects for cropping systems. EM•1® Microbial Inoculant is manufactured in over 50 countries.

Uses: For all agricultural and horticultural applications.

How to use: Apply EM•1® Microbial Inoculant through an irrigation system, boom sprayer, backpack sprayer, fan sprayer, or hand pump sprayer. Spray the mixture on soil, crop residues or cover crops before they are in the soil. Irrigate after application or apply after rain. The key to success with Effective Microorganisms® is to apply lots of organic matter with it to provide a home and food for the microorganisms. EM•1® is compatible in tanks mixes with conventional and organic fertilizers, but is not compatible with any pesticides (herbicides, fungicides, or insecticides).

For best results, apply EM•1® once per week during the growing season. For small areas, 1qt. per 10,000 sq. ft., 8oz per 2,500 sq. ft.

EM•1® can be diluted up to 10,000 times in greenhouses that irrigate several times per day. On fields, row crops and orchards, apply at a rate of 5 gallons per acre per week throughout the growing season.

Active Ingredients: 1 Million Colony Forming Units/cc (units/ml),
1% Lactobacillus plantarum, Lactobacillus casei, Lactobacillus fermentum, Lactobacillus delbruekii, Bacillus subtilis, Saccharomyces cerevisiae, Rhodospseudomonas palustris.

Inactive Ingredients: 96% Water and 3% Molasses.

Manufactured by EMRO USA Effective Microorganisms, Tucson, AZ.

Distributed exclusively in the continental USA and Canada by TeraGanix, Inc., Alto, TX.

NATURE'S OWN BENEFICIAL SOLUTION



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**Natural
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AGRICULTURE

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