



# Dr Higa's Original EM•1<sup>®</sup>

Effective Microorganisms<sup>®</sup>

EM•1<sup>®</sup> is an organic liquid probiotic for soils and plants. It improves seed germination, root development, nutrient absorption, soil fertility and plant quality, size and color.

**READY  
FOR  
USE!**

EM•1<sup>®</sup> can be  
used straight  
away!



Mix EM•1<sup>®</sup> with water at 6 oz/gallon and apply with a watering can, any type of sprayer, or inject through an irrigation system.

For best results, apply EM•1<sup>®</sup> once a week.

## DOSE

**Soil and foliar application:** → Do not mix with fungicides

- 6 oz EM•1<sup>®</sup> mixed with 1 gallon of water in a watering can
- Spray the leaves on the plant
- It is recommended to apply weekly or according to the needs of the crop

## BENEFITS

- They promote foliar development and optimal crop fructification.
- Increases the photosynthetic capacity of plants.
- Optimizes plant growth and prevents the presence of pests and diseases.
- You improve the physical, chemical and biological conditions of the soil.
- Reduces soil salinity problems.

## APPLICATION MODE

- Apply with watering can.
- Wash the equipment well before use; to avoid agrochemical residues.
- It is recommended to make the applications in the morning or afternoon when the solar radiation is less.

## COMPATIBILITY

- Can be mixed with fertilizers.
- For mixtures with herbicides and insecticides consult our technical team
- It should not be mixed with fungicides and bactericides.



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## ADVANCED USE ACTIVATION

EM•1<sup>®</sup> can be activated and the microbes multiplied before use.



Mix  $\frac{3}{4}$  cup of molasses and  $\frac{3}{4}$  cup of EM•1<sup>®</sup> in 1 gallon of warm water.  
Ratio 1:1:20



Place the mixture in a clean container, close it and shake to dissolve molasses.



Let stand for 5 to 7 days in a shaded environment (Ideally 3.2 - 3.6 pH)

32 oz of EM•1<sup>®</sup> will yield 5 Gallons of Activated EM•1<sup>®</sup>. The Activated EM•1<sup>®</sup> must be used within 90 days of activation.

## DOSE

Soil and foliar application: → Do not mix with fungicides

- 6 oz Activated EM•1<sup>®</sup> mixed with 1 gallon of water in a watering can
- Spray the leaves on the plant
- It is recommended to apply weekly or according to the needs of the crop

## BENEFITS

- They promote foliar development and optimal crop fructification.
- Increases the photosynthetic capacity of plants.
- Optimizes plant growth and prevents the presence of pests and diseases.
- You improve the physical, chemical and biological conditions of the soil.
- Reduces soil salinity problems.

## APPLICATION MODE

- Apply with watering can, backpack or sprayer.
- Wash the equipment well before use; to avoid agrochemical residues.
- It is recommended to make the applications in the morning or afternoon when the solar radiation is less.

## COMPATIBILITY

- Can be mixed with fertilizers.
- For mixtures with herbicides and insecticides consult our technical team
- It should not be mixed with fungicides and bactericides.