



**TRIBUS**<sup>®</sup>  
**ORIGINAL**

**ALL PURPOSE PLANT GROWTH PROMOTER**  
micro organisms for MACRO YIELDS<sup>®</sup>

**For use on specialty crops, gardens, fruits and vegetables**

**NET WT.** 8.35 lbs (3.79 kg)  
**NET VOLUME** 1 gal (3.79 L)

Tribus® Original is a combination of naturally occurring, non-GMO, plant growth promoting rhizobacteria that colonize the root zone of plants and increase growth through macro and micronutrient fixation, mobilization, and chelation. The high concentration of bacteria in Tribus® Original rapidly establish a tough biofilm on plant roots, reducing stress and increasing plant productivity. Tribus® Original is compatible with all growing medias and fertilization programs.

## DIRECTIONS FOR USE

**Shake Well!** *Bacillus* spores settle naturally.

Use once per week, or as frequently as every watering during the entire plant growth cycle. May be used up to and on day of harvest. Use mixed nutrient solutions within 24 hours for best results.

For use with hydroponic, soilless, and soil-based medias. Can be mixed with aqueous nutrient solutions and/or applied directly to plant roots at the recommended rates.

## APPLICATION NOTES

Applying Tribus® Original early in the plant's life cycle encourages rapid establishment of *Bacillus* biofilms on plant roots. The preemptive colonization of roots by *Bacillus* species, helps mitigate stress, encourages rapid plant growth, and aids in root exploration and development.

This product has been researched and developed for use on specialty crops, fruits, and vegetables.

## SAFETY AND HANDLING

In the case of contact with skin or eyes, promptly rinse with water for at least 15 minutes. For detailed handling information, refer to [impellobio.com](http://impellobio.com) or contact [info@impellobio.com](mailto:info@impellobio.com)

## MANUFACTURE DATE

## INGREDIENTS

### Active Ingredients (soil conditioning):

Live Bacterial Endospores.....1%

### Inactive Ingredients:

(Inert/Water).....99%

## GUARANTEED ANALYSIS

*Bacillus subtilis*.....4.0x10<sup>9</sup> CFU/mL

*Bacillus pumilus*.....4.0x10<sup>9</sup> CFU/mL

*Bacillus amyloliquefaciens*.....2.0x10<sup>9</sup> CFU/mL

**Total: 10 Billion CFU/mL (1x10<sup>10</sup> CFU/mL)**

CFU/mL = colony forming units per milliliter

## DOSAGE RECOMMENDATIONS

Use on all stages of plant growth from seedling through harvest.  
Use at least once per week or as frequently as every watering

### Root Drench

Lite: 0.5mL/gallon

Recommended: 1mL/gallon

Heavy: 2mL/gallon

### Foliar

Lite: 5mL/gallon

Recommended: 10mL/gallon

Heavy: 20mL/gallon

See [impellobio.com](http://impellobio.com) for more application information. Application rates vary based on plant needs and grow intensity.

## STORAGE AND SHELF LIFE

*Bacillus* spore liquids are stable for at least 18 months when stored in a cool, dry location in a closed container. Exposure to high humidity and temperature is not recommended.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

## 100% SATISFACTION GUARANTEED

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