

AGRICULTURE



# TerraTrove™ Myco Seed Treat®

- Beneficial micro-organisms
- Increases microbial activity, nutrient availability, nutrient cycling
- Improves water holding capacity

Net Weight:  1 lbs (0.45 kg)  5 lbs (2.27 kg)  10 lbs (4.54 kg)  30 lbs (13.61 kg)

# TerraTrove™ Myco Seed Treat®

## Guaranteed Analysis: Soil Amending Ingredients:

Microbial content . . . . .	<1%
Bacillus amyloliquefaciens . . . . .	2x10 <sup>7</sup> cfu/g
Bacillus licheniformis . . . . .	5x10 <sup>7</sup> cfu/g
Bacillus megaterium . . . . .	2x10 <sup>7</sup> cfu/g
Bacillus pumilus . . . . .	4x10 <sup>7</sup> cfu/g
Bacillus subtilis . . . . .	2x10 <sup>7</sup> cfu/g
Trichoderma afroharzianum . . . . .	2x10 <sup>4</sup> cfu/g
Endomycorrhizal fungi . . . . .	5x10 <sup>1</sup> cfu/g
Total Other Ingredients: . . . . .	99%

## Product Description:

TerraTrove™ Myco Seed Treat® (MST) is a dry blend of bacteria and fungi that support the soil microbiology, the under-cover crop, during establishment. As a seed treatment, MST contains 7 different species of microorganisms. MST provides a beneficial zone of microbes surrounding the seed which form a symbiotic relationship with the plant's roots. The amount of water and nutrients available to the plant increases with the use of TerraTrove™ Myco Seed Treat. An active rhizosphere including beneficial fungi act as root extensions providing access to more soil. These fungi act on and degrade organic materials and water insoluble compounds and store found nutrients in their hyphae and mycelia which reduces leaching. The fungi bind soil particles together and form stable aggregates therefore increasing water infiltration. This process actually increases water holding capacity by improving tilth and sequestering carbon.

Condition of Sale and Warranty: Douglas Plant Health, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Douglas Plant Health and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL DOUGLAS PLANT HEALTH, INC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT

With MST's micro-organisms and an initial food source, the microbes start to grow immediately at planting. The microbes in MST colonize the rhizosphere of each planted seed while the food sources and nutrients help the microbes get established. The crop benefits by the microorganisms freeing up nutrients - with an end result of better nutrient cycling. MST treatments increase Microbial Activity, Nutrient Availability, and Nutrient Cycling.

## Suggested Uses:

May be used on all crops. Commonly mixed into seed box on planter.

Shelf Life: Microbe count may begin to decline 2 years from Manufacturing Date printed on container.

FIRST AID	
IF SWALLOWED:	Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a poison center or doctor/physician if you feel unwell.
IF IN EYES:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
IF ON SKIN:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
IF INHALED:	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.
You may also contact 1-352-323-3500 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

**DPH Biologicals**  
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**Storage and Handling:**

Keep product dry. Store out of direct sunlight. Store below 90 ° F.

**Caution:**

When using dry products, always use proper safety equipment (dust masks, goggles, gloves)

**Organic Grower Consideratons:**

This product is intended for use according to an approved organic system plan.

TerraTrove™ Myco Seed Treat meets National Organic Program requirements for organic production. TerraTrove™ Myco Seed Treat contains NO Genetically Modified Organisms.

It is each certified organic grower's responsibility to get approval from his/her certifying agency before using this product. Because of differences among the various certifying agencies, and differences between NOP/EU/JAS/COR ingredient lists, Douglas Plant Health cannot guarantee that our products will be allowed by your certifier on your farm.

Recommended Application Rates	
Application	Rate
All Crops	4 - 12 oz per 100 lbs of seed