



# Terra Trove™

## SP-1 Classic™

# TerraTrove™ SP-1 Classic™

**Guaranteed Analysis**

**Active Ingredient(s):** as soil amending ingredient(s)

Microbial Content .....	0.5%
<i>Bacillus amyloliquefaciens</i> .....	1x10 <sup>3</sup> cfu/ml
<i>Bacillus licheniformis</i> .....	1x10 <sup>3</sup> cfu/ml
<i>Bacillus megaterium</i> .....	1x10 <sup>3</sup> cfu/ml
<i>Bacillus pumilus</i> .....	1x10 <sup>3</sup> cfu/ml
<i>Bacillus subtilis</i> .....	1x10 <sup>3</sup> cfu/ml

**Total Other Ingredients:**

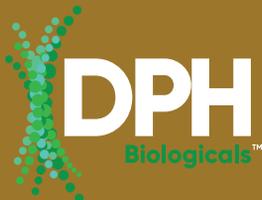
Humus Extract, Water based culture medium, Algae ..... 99.5%

**Product Specifications:**

Density ..... 8.30 lb./gallon (0.99 kg/liter) @ 68 °F

**DPH Biologicals**

21417 County Road 1950 East  
 Princeton, Illinois 61356 USA  
 Phone: (800) 648-7626  
[www.dphbiologicals.com](http://www.dphbiologicals.com)



**Net Contents: 2.5 Gallon**  
**Net Weight: 20.7 lb. (9.43 kg)**

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

## PRODUCT DESCRIPTION

A biofertilizer that aids in the conversion of inorganic and organic fertilizers into plant available forms, decreases soil compaction and improves water infiltration in soils. Application of TerraTrove™ SP-1 Classic™ increases microbial populations in the rhizosphere.

## MIXING AND APPLICATION

Shake well before using. Tank mix TerraTrove™ SP-1 Classic™ according to the directions in the table below. Mix only enough for the immediate application. Do not mix product with bactericides or copper compounds. Only mix TerraTrove™ SP-1 Classic™ with other products the day of use.

### Organic Grower Considerations:

This product is intended for use according to an approved organic system plan. Consult your organic certifier before using this product.

CROP APPLICATION RECOMMENDATIONS		
Crop	Rate per application	Directions
Berries	2-10 gal per acre	Apply at planting or at Spring bud break. Use higher rates if broadcast applied. Apply prior to harvest, and post-harvest.
Root Vegetables	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Citrus	2-4 gal per acre	Apply at planting. Apply in conjunction with growth flushes, especially the Spring and Fall growth flush.
Cole Crops	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Corn	1.5-7 gal per acre	Apply in furrow or alongside seed at planting. Apply high rates if broadcast applied directly before or after planting. Apply at sidedress with lower rates if also applied during planting. May be applied with post emergent herbicides.
Cucurbits	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Small Grains	1-5 gal per acre	Apply before, during, or just after planting. Can be applied during Spring bud break of Fall planted grains. May be applied with post emergent herbicides.

Soybeans	1.5-7 gal per acre	Apply in furrow or alongside seed at planting. Apply high rates if broadcast applied just prior or just after planting. Apply at sidedress. Use lower rates if also applied at planting. May be applied with post emergent herbicides.
Fruiting vegetables	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Grapes	2-5 gal per acre	Apply at bud break. Repeat every 7-30 days until dormancy.
Grasses (grown for seed, sod production, pasture, forage) and Alfalfa	1-3 gal per acre	Apply at bud break. Apply after each harvest.
Perennial Herbs and Spices	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Leafy Annual Vegetables and Herbs	2-10 gal per acre	Apply at planting. Use higher rates if broadcast before bedding or after planting. Secondary (optional) applications every 7 to 30 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigations, higher rates if broadcast.
Potatoes	2-10 gal per acre	Apply in furrow at planting. Use higher rates if broadcast before hilling or after planting. May be applied during hooking and early bulking.
Tree Fruits and Nuts	2-5 gal per acre	Apply at bud break. Repeat every 7-30 days until dormancy.
Tropical/Sub-tropical Fruits	2-5 gal per acre	Apply at planting. Apply in conjunction with growth flushes. Especially the Spring and Fall growth flush.

AGRICULTURAL GREENHOUSE PROPOGATION RATES		
Greenhouse plants, Injection systems	1 pint to 1 quart per 1,000 square feet. Initial plug planting or seeding: 32-64 ounces per gallon per stock tank at 1:100. Constant feed, 4-8 ounces per gallons stock tank at 1:100. Metric: Initial plug planting or seeding, 1-2 liter per 3.75-liter stock tank at 1:100. Constant feed, mix 60-120 ml per 3.75-liter stock tank at 1:100	Drench or spray at appropriate rates to insure proper soil penetration.
Seed Piece or Bulb Treatment	Mix 1:1 with water and spray the seed piece or bulb	
Root Dip Application	Mix 1:1 with water and thoroughly soak roots prior to transplant.	

## STORAGE & DISPOSAL

**Storage:** TerraTrove™ SP-1 Classic™ should be stored in original container, away from heat and direct sunlight. Preferably store in cool areas out of direct sunlight, away from children and pets, feed, and food products. **DO NOT ALLOW TO FREEZE.** Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

**Disposal:** Do not reuse this container. Rinse with water and add rinsate to spray tank, then offer container for recycling or by reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Product guaranteed effective up to 1 year after date stamped on container.

## FIRST AID

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. **Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs: Get medical advice/attention. **Inhalation:** Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist. **Ingestion:** Rinse mouth. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

## CONDITION OF SALE AND WARRANTY

DPH Biologicals 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 DPH Biologicals 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 DPH BIOLOGICALS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

TerraTrove and SP-1 Classic are registered trademarks of DPH Biologicals