



TerraTrove™ AmplAphex™

FO03166

Guaranteed Analysis

Contains Non-Plant Food Ingredients:

Microbial Content.....	0.5%
<i>Bacillus amyloliquefaciens</i>	1x10 ⁴ cfu/ml
<i>Bacillus licheniformis</i>	1x10 ⁴ cfu/ml
<i>Bacillus megaterium</i>	1x10 ⁴ cfu/ml
<i>Bacillus pumilus</i>	1x10 ⁴ cfu/ml
<i>Bacillus subtilis</i>	1x10 ⁴ cfu/ml
<i>Monorapidium komarkovae</i> (algae as microbial food source).....	1x10 ² cfu/ml
Total Organic Carbon.....	70 mg/L

Total Other Ingredients:

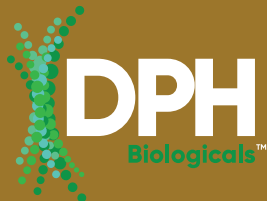
Water based culture medium.....	99.5%
---------------------------------	-------

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.dphbio.com



Net Contents: 2.5 Gallon (9.4 L)
 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

TerraTrove AmplAphex is designed to aid in the conversion of inorganic and organic fertilizers into plant available forms as well as reducing abiotic stresses experienced by crops. Application of TerraTrove AmplAphex increases microbial populations in the rhizosphere, which assists in decreasing soil compaction and improving water infiltration in soils.

MIXING AND APPLICATION

Shake well before using. Tank mix TerraTrove AmplAphex according to the directions in the table below. Mix only enough for the immediate application. Do not mix product with bactericides or copper compounds. TerraTrove AmplAphex can be mixed with approved herbicides, foliar fungicides, plant growth regulators (PGR), and other standard crop protection products. Follow the most restrictive dilution rates and application instructions when mixing other products with TerraTrove AmplAphex. A jar test should be employed before mixing TerraTrove AmplAphex with any product with which the user has no known history. Only mix TerraTrove AmplAphex with other products the day of use.

CROP APPLICATION RECOMMENDATIONS		
Crop	Rate per application	Directions
Berries	Soil/Dip Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha] Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]	Soil apply or as a root dip at planting. Use higher rates if broadcast applied. Apply as a foliar spray beginning at bud break and every 14 days after as desired until dormancy.
Citrus	0.25 - 0.5 quarts per acre [2.34 L - 4.68 L per ha]	Apply at planting, in conjunction with growth flushes, especially the Spring and Fall growth flush
Cole Crops	Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha] Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]	Soil apply in furrow or alongside seed at planting. Use higher rates if broadcast before bedding or after planting. Apply as a foliar spray beginning 14 days post emergence or transplanting and every 14 days after as desired. Use lower rates if banded or injected through irrigation, higher rates if broadcast.
Corn	Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha] Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]	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. Apply as a foliar spray beginning at V3-5 and every 14 days after as desired.
Cotton	Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha] Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]	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. Apply as a foliar spray beginning at V3-5 and every 14 days after as desired.

<p>Cucurbits</p> <p>Fruiting Vegetables</p> <p>Leafy Annual Vegetables</p> <p>Legume Vegetables & Peanuts</p> <p>Annual/Perennial Herbs & Spices</p> <p>Root Vegetables & Sugar Beets</p> <p>Sugarcane</p>	<p>Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha]</p> <p>Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]</p>	<p>Apply at planting. Use higher rates if broadcast before bedding or after planting.</p> <p>Apply as a foliar spray every 7 to 21 days following planting up to 21 days before harvest. Use lower rates if banded or injected through irrigation, higher rates if broadcast.</p>
<p>Grapes</p>	<p>1 - 5 quarts per acre [2.34 L - 11.7 L per ha]</p>	<p>Apply at bud break. Repeat every 7-30 days until dormancy.</p>
<p>Grasses (grown for seed, sod production, pasture, forage) & Alfalfa</p>	<p>1 - 5 quarts per acre [2.34 L - 11.7 L per ha]</p>	<p>Apply before, during, or just after planting.</p> <p>Apply as a foliar spray beginning at dormancy break (Green-up) and every 14 days after as desired.</p>
<p>Hemp</p>	<p>Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha]</p> <p>Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]</p>	<p>Apply in furrow or alongside seed at planting. Apply high rates if broadcast applied directly before or after planting. Apply as a sidedress with lower rates if also applied during planting.</p> <p>Apply as a foliar spray beginning at V3-5 and every 14 days after as desired.</p>
<p>Potatoes</p>	<p>Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha]</p> <p>Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]</p>	<p>Apply in furrow at planting. Use higher rates if broadcast before hilling or after planting.</p> <p>Apply as a foliar spray beginning at hooking every 14 days after as desired.</p>
<p>Small Grains</p>	<p>Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha]</p> <p>Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]</p>	<p>Apply before, during, or just after planting.</p> <p>Apply as a foliar spray beginning at dormancy break (Green-up) and every 14 days after as desired.</p>
<p>Soybeans</p>	<p>Soil Application: 1 quart - 5 quarts per acre [2.34 L - 11.7 L per ha]</p> <p>Foliar Application: 0.5 - 2.5 quarts per acre [1.2 L - 5.8 L per ha]</p>	<p>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.</p> <p>Apply as a foliar spray beginning at V3-5 and every 14 days after as desired.</p>
<p>Tree Fruits & Nuts</p>	<p>1 - 2.5 quarts per acre [2.34 L - 5.8 L per ha]</p>	<p>Apply at bud break. Repeat every 14 days as desired until dormancy.</p>
<p>Tropical/Sub-tropical Fruits</p>	<p>1 - 5 quarts per acre [2.34 L - 11.7 L per ha]</p>	<p>Apply in conjunction with growth flushes. Especially the Spring and Fall growth flush.</p> <p>Apply as a foliar spray beginning at bloom and every 14 days as desired until harvest.</p>

AGRICULTURAL GREENHOUSE PROPOGATION RATES

Greenhouse plants, Injection systems, Cannabis	1 pint to 1 quart per 1,000 ft ² . Initial plug planting or seeding: 32 – 64 fl. oz. per gallon stock tank at 1:100. Constant feed, 4 – 8 fl. oz. per gallon stock tank at 1:100. Metric: Initial plug planting or seeding, 1 – 2 L per 3.78 L stock tank at 1:100. Constant feed, mix 60 – 120 ml per 3.78 L 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 AmplAphex 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.

Expiration Date: 2 years 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 AmplAphex are registered trademarks of DPH Biologicals

TerraTrove™ AmplAphex™

Guaranteed Analysis

Contains Non-Plant Food Ingredients:

Microbial Content	0.5%
<i>Bacillus amyloliquefaciens</i>	1x10 ⁶ cfu/ml
<i>Bacillus licheniformis</i>	1x10 ⁶ cfu/ml
<i>Bacillus megaterium</i>	1x10 ⁶ cfu/ml
<i>Bacillus pumilus</i>	1x10 ⁶ cfu/ml
<i>Bacillus subtilis</i>	1x10 ⁶ cfu/ml
<i>Monorapidium mikmarkovae</i> (algae as microbial food source)	1x10 ² cfu/ml
Total Organic Carbon	70 mg/L

Total Other Ingredients:

Water based culture medium99.5%

Product Specifications:

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

PRODUCT DESCRIPTION

TerraTrove AmplAphex is designed to aid in the conversion of inorganic and organic fertilizers into plant available forms as well as reducing abiotic stresses experienced by crops. Application of TerraTrove AmplAphex increases microbial populations in the rhizosphere, which assists in decreasing soil compaction and improving water infiltration in soils.

MIXING AND APPLICATION

Shake well before using. Tank mix TerraTrove AmplAphex according to the directions in the table below. Mix only enough for the immediate application. Do not mix product with bactericides or copper compounds. TerraTrove AmplAphex can be mixed with approved herbicides, foliar fungicides, plant growth regulators (PGR), and other standard crop protection products. Follow the most restrictive dilution rates and application instructions when mixing other products with TerraTrove AmplAphex. A jar test should be employed before mixing TerraTrove AmplAphex with any product with which the user has no known history. Only mix TerraTrove AmplAphex with other products the day of use.

STORAGE & DISPOSAL

Storage: TerraTrove AmplAphex 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.

Expiration Date: 2 years 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.

TerraTrove and AmplAphex are registered trademarks of DPH Biologicals

DPH Biologicals

21417 County Road 1950 East
Princeton, Illinois 61356 USA
Phone: (800) 648-7626
www.dphbio.com



Net Contents: 2.5 Gallon (9.4 L)
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>