



**PLANT  
FOOD  
COMPANY, INC.**

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**Guaranteed Analysis**

Total Nitrogen (N) . . . . . 4.0%  
4.0% Ammoniacal Nitrogen  
Soluble Potash (K2O) . . . . . 1.0%  
Sulfur (S) . . . . . 4.0%  
4.0% Combined Sulfur

Derived from ammonium sulfate and potassium hydroxide.

ALSO CONTAINS NONPLANT FOOD INGREDIENTS:  
10% Humic acid derived from leonardite ore.

- Weight per gallon: 9.7lbs.

**GENERAL INFORMATION**

**Hume Earth** is a highly charged, modified humic acid material formulated for NPK fertilizer solutions. This highly charged humic acid offers superior compatibility with phosphate solutions and does not precipitate out of these solutions like traditional humate liquids. **Hume Earth** is compatible with conventional NPK solutions and starters including, but not limited to:

- 11-37-0
- 10-34-0
- 8-16-8
- 3-18-18
- 30-0-0
- 28-0-0 2%S
- 9-3-9
- 9-5-9
- 9-9-9
- 14-7-7

# Hume Earth

## 4-0-1 4% Sulfur

## 10% Humic Acid

**Directions for use**

**Starter Fertilizer:**

Add 1-2 pints **Hume Earth** per 5 -10 gallons of Liquid NPK fertilizer solution and mix thoroughly. \*Apply this mixture in accordance with standard NPK fertilizer practices.

**Starter Solution with high Phosphorous:**

Apply with High phosphorous starter fertilizers at a rate of 1 qt per acre. Apply this mixture in accordance with the standard NPK fertilizer practices.

**Trickle/Sidedress Rate:**

Apply 1 qt per acre in NPK fertilizer solutions and mix thoroughly. Apply this mixture in accordance with the standard NPK fertilizer practices. Repeat with each fertilization.

Prior to adding Hume Earth to NPK fertilizer solutions, be sure to test compatibility by jar testing at desired ratios prior to mixing.

\* Mixtures of **Hume Earth** and NPK fertilizer solutions should be used within the same growing season.

**Tank Mixing:**

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least ¾ full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence: **1) Dry flowables or water dispersible granules, 2) Wetttable powders, 3) Flowables, 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents, 7) Micronutrients and fertilizer, 8) Spray adjuvant**

**Caution:**

Keep away from Children and Domestic Animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately

**Storage and Handling:**

Store in a cool dry place, keep container tightly closed, do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

**Store above 40°F. Do not allow to freeze**