

Humic Acid 10%



U.S. PATENT No. 4,698,090

OMRI™
Listed

Active Ingredient:
10% HUMIC ACIDS derived from leonardite.

Net Contents 5 gallons (18.9 liters)
9.2 lbs. per gallon (1103 grams/liter) @ 68° F

FOLIAR MIXING INSTRUCTIONS

HUMIC ACID 10% disperses well in water with minimal agitation. It may be combined with most fertilizer solutions using adequate agitation during mixing. Dilutions with water may be made at any time.

1. Partially fill tank with water and start agitation.
2. Add HUMIC ACID 10% slowly to the circulating mix, mix thoroughly.
3. While agitating, inject the fertilizer product into the HUMIC ACID 10% and water mixture.

**Not all Actagro® products are compatible with one another or when mixed with other fertilizers and/or pesticides on the market. A small scale compatibility test is recommended prior to mixing.*

DIRECTIONS FOR USE

HUMIC ACID 10% can be applied to all vegetables, cucurbit crops, row crops, deciduous fruit and nut trees, grapes, olives, citrus and ornamentals. Direct application of solutions may be made to drip, sprinkler or micro-sprinkler irrigation systems, or foliar applied by air or ground application equipment. May be applied through center pivot irrigation systems.

Mixing with irrigation water for field storage is generally not recommended. Products blended with irrigation water should be used immediately and not stored for prolonged periods.

SOIL APPLICATION RATES

HUMIC ACID 10% may be injected preplant into the root zone, drilled in bands where practical, or sprayed onto the soil and incorporated. To apply alone, dilute with water to ensure uniform distribution.

VEGETABLES, CUCURBITS, FIELD AND ROW CROPS: Use 1/2 to 4 gallons per acre diluted with a minimum of 10 to 40 gallons of solution.

DECIDUOUS FRUIT AND NUT TREES, GRAPES, OLIVES AND CITRUS: Use 1/2 to 4 gallons per acre diluted with a minimum of 10 to 40 gallons of solution.

TRANSPLANT WATER - ALL CROPS: Use 1/2 to 1 gallon per acre diluted with a minimum of 200 gallons of solution.

ORNAMENTALS: Apply through a drip system or directly to the soil. Use 1 to 2 quarts diluted with 25 gallons of solution. Do not apply more than 3 times during the growing season.

TURF: Apply through drip or sprinkler system. Use 8 to 16 ounces per 1,000 sq. feet, 3 to 4 times per season. Dilute in a minimum of 5 gallons of solution.

FOLIAR APPLICATION RATES

HUMIC ACID 10% can be applied to all vegetable crops, row crops, deciduous fruit and nut trees, grapes, olives, citrus and ornamentals. Apply 1/2 to 1 gallons per acre with the appropriate dilution for adequate coverage. A maximum concentration of 1:10 HUMIC ACID 10% to water should be used for foliar applications.

APPLICATION THROUGH DRIP IRRIGATION - inject after irrigation filter.

GENERAL INFORMATION

HUMIC ACID 10% is an auxiliary soil and plant substance, which can be combined with other fertilizers or can be applied directly to the soil.

HUMIC ACID 10% is recommended for direct injection in the root zone area. For best results, application should be made early in the life cycle of the crop.

HUMIC ACID 10% may be banded at preplant, at planting time or sidedressed as needed. It may be injected in irrigation systems.

HUMIC ACID 10% may also be applied as a foliar.

HUMIC ACID 10% is compatible with most fertilizer solutions when adequate agitation is used during mixing. Do not use with products that contain high content of calcium. When mixing, dilute the HUMIC ACID 10% with an equal volume of water. While agitating, inject the fertilizing product into the HUMIC ACID 10% and water mixture.

HUMIC ACID 10% is non-phytotoxic when used as directed.

WARRANTY: Since weather, crops, soil and other conditions may vary, neither ACTAGRO®, LLC, nor the Seller make a warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. In case of contact immediately flush skin, eyes or clothing with plenty of water for at least 15 minutes.

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

CAUTION: Use caution when handling. HUMIC ACID 10% may not be compatible with all organic fertilizer mixes. Always check compatibility with other products prior to use. Do not apply with calcium based fertilizers. Fertilizer solutions with a pH of 4 or less may not be compatible. Combining with liquid fertilizer solutions is more effective if done at a blending plant.

ACTAGRO®, LLC.
PO BOX 309 • BIOLA, CA 93606
Copyright 2008