

# HUMIC ACID 10%



## CONCENTRATED FORMULA

CONTAINS NON-PLANT FOOD INGREDIENT:

Active Ingredient: 10% HUMIC ACID derived from leonardite.

## MIXING INSTRUCTIONS

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.

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

Net Contents 2.5 gallons (9.5 liters)  
9.2 lbs. per gallon (1103 grams/liter) @ 68° F

Net Contents 265 gallons (1003.1 liters)  
9.2 lbs. per gallon (1103 grams/liter) @ 68° F

## DIRECTIONS FOR USE

HUMIC ACID 10% can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. HUMIC ACID 10% is designed for soil application and for foliar use. Apply directly to soils or inject through irrigation systems where water quality is satisfactory to maintain solubility. Foliar applications should be as a dilute spray. Application rates vary by crop or situation. 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 applied pre-plant, as a starter, side dress, fertigated, top dressed or banded to the soil. To apply alone, dilute with water to ensure uniform distribution. May be used as a pop-up or in furrow at 2 qts - 3 gpa.

**VEGETABLES & FRUIT CROPS, FIELD AND ROW CROPS:** Use 1/2 to 10 gallons per acre. Repeat applications may be beneficial.

**ORCHARDS & VINEYARDS:** Use 1/2 to 10 gallons per acre injected 3-5" deep at the drip line or surface band and water into the soil. Repeat applications may be beneficial.

## FERTIGATION APPLICATION RATES

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLE & FRUIT CROPS:** Use 1/2 to 10 gallons per acre per irrigation. Continue irrigation for a minimum of 2 hours after application to flush lines and to maximize nutrient distribution with drip and micro sprinkler. Repeat applications may be beneficial.

**APPLICATION THROUGH DRIP IRRIGATION** - inject after irrigation filter.

**TRANSPLANT WATER - ALL CROPS:** Use 1 to 10 gallons per acre not to exceed a 3% solution of HUMIC ACID 10% to water.

## FOLIAR APPLICATION RATES

**ALL CROPS:** Apply 1 quart to 3 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. Repeat applications may be beneficial.

## GENERAL INFORMATION

HUMIC ACID 10% is an auxiliary soil and plant substance for organic use, which can be combined with other fertilizers or can be applied directly to the soil. HUMIC ACID 10% is non-phytotoxic when used as directed.

**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.

**CAUTION:** Foliar application of HUMIC ACID 10% close to harvest may leave a brown residue on the harvestable portion of the crop. Rainfall, sprinkler irrigation or high humidity should alleviate this condition.

**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>

\*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.



**WARNING.** Causes eye irritation. May be harmful in contact with skin. Harmful if swallowed. Avoid breathing dust / fume / gas / mist / vapors / spray. Avoid release to the environment. Wear protective gloves and eye / face protection. If eye irritation persists: get medical attention. IF IN EYES: Rinse with water for 15 to 20 minutes. Remove contact lenses, if present, and continue rinsing eyes. IF ON SKIN: Wash with plenty of water for 15 to 20 minutes. If medical advice is needed, have product container or label available. Keep out of reach of children. Read label before use

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