



# Resist™

0-27-21

## GUARANTEED ANALYSIS

Total Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	27.0%
Soluble Potash (K <sub>2</sub> O).....	21.0%

Derived from potassium hydroxide and phosphorous acid.

WARNING: Causes eye irritation. Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Net Contents 2.5 gallons (9.5 liters)  
11.7 lbs. per gallon (1403 grams/liter) @ 68° F



ACTAGRO®, LLC  
677 W. Palmton Dr. #108  
FRESNO, CA 93704 USA  
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### DIRECTIONS FOR USE

Resist™ can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. Resist™ 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.

### FOLIAR APPLICATION RATES

Resist™ may be applied by air or ground spray. Use the appropriate volume of water for the application method and the crop. Apply in a water volume for thorough coverage of plant foliage, 10 gallons per acre minimum.

**ALL CROPS:** Apply 1 to 4 quarts per acre per application. Repeat applications as needed with at least 2 weeks between applications.

**BEARING ALMOND AND WALNUT ONLY:** Apply 1 to 8 quarts per acre per application. Repeat applications as needed with at least 3 weeks between applications over 4 quarts per acre.

**BEARING CITRUS ONLY:** Apply 1 to 4 quarts per acre per application. Repeat applications as needed with at least 3 weeks between applications over 4 quarts per acre.

### SOIL APPLICATION RATES

Resist™ may be applied pre-plant, as a starter, side dress, fertigated, top dressed or banded to the soil. Dilute with water if needed to ensure uniform distribution. Resist™ may be used as a pop-up or in furrow at 1 to 4 pints per acre.

**FIELD & ROW CROPS, VEGETABLE & FRUIT CROPS:** Apply 2 to 8 quarts per acre in a surface or sub-surface band. Repeat applications may be beneficial.

**ORCHARDS & VINEYARDS:** Inject 2 to 8 quarts per acre 3 to 5 inches deep at the drip line, or surface band and water into the soil. Repeat applications may be beneficial. Higher rates are generally for treating a larger volume of soil.

**TRANSPLANT WATER - ALL CROPS:** Apply 1 to 8 quarts per acre in a minimum of 100 gallons solution.

### FERTIGATION APPLICATION RATES

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLE & FRUIT CROPS:** Use 2 to 8 quarts 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 microsprinkler use. Repeat applications may be beneficial.

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

### GENERAL INFORMATION

Resist™ is non-phytotoxic when used as directed and is compatible with most commonly used pesticides and fertilizers. Resist™ has a low salt index and can be applied as a foliar or used in drip or micro-sprinkler irrigation systems. Resist™ should not be applied to plants that are stressed by high temperature or lack of moisture.

When using Resist™ as a foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or are utilized directly by plants, as phosphite ions. When using Resist as a soil application on annual crops, you may experience a lesser response from the initial crop, with a corresponding superior response from succeeding crops. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5.

**CAUTION:** Always check for compatibility with other products prior to use. Do not mix with conventional calcium based fertilizers. Actagro® Resist™ is not compatible with conventional products containing the salts of heavy metals. Foliar application of Actagro® Resist™ 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.

\*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.

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

### MIXING INSTRUCTIONS

1. Partially fill tank with water and start agitation.
2. Add pesticides or other nutrients.
3. Add Resist™ to circulating tank mix.
4. Fill tank and agitate thoroughly.

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