

# 2.5% BORON

## A LIQUID MICRONUTRIENT

4-0-0

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	4.0%
4.0%.....	Ammoniacal Nitrogen
Boron (B).....	2.5%
Derived from anhydrous ammonia and boric acid.	



**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.

Net Contents 2.5 gallons (9.5 liters), 25.5 lbs  
10.2 lbs. per gallon (1223 grams/liter) @ 68° F

actagro

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V. 080116

### DIRECTIONS FOR USE

Actagro® 2.5% Boron can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. Actagro® 2.5% Boron 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.

**CONFIRM EXISTING BORON LEVELS IN PLANT TISSUE ANALYSIS PRIOR TO ANY APPLICATION.**

### FOLIAR APPLICATION RATES

**VEGETABLES, FIELD AND ROW CROPS:** Apply 1 pint to 4 quarts per acre in a minimum of 10 gallons of water per acre as a foliar spray. May be applied through center pivot irrigation systems. Repeat applications may be beneficial.

**ORCHARDS & VINEYARDS, FRUIT CROPS:** Apply 1 pint to 4 quarts per acre. Aerial applications use a minimum of 10 gallons of water per acre. Dilute or concentrate sprays use a minimum of 25 gallons of water per acre. Repeat applications may be beneficial.

**NOTE:** For all crops, the rate of water used should be sufficient for thorough coverage. Coverage is dependent on proper droplet size and pressure.

### SOIL APPLICATION RATES

**ALL CROPS:** 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. Use 1 pint to 8 quarts per acre. May be applied through all irrigation systems. Repeat applications may be beneficial.

**TRANSPLANT WATER - ALL CROPS:** Apply 1 to 4 quarts per acre in a minimum of 50 gallons solution.

### FERTIGATION APPLICATION RATES

Drip irrigation, micro sprinklers, solid set and moving sprinklers. All crops: Use 1 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 micro sprinkler.

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

### GENERAL INFORMATION

Actagro® 2.5% Boron is formulated for the prevention or correction of boron deficiencies in plants and may be effectively used for both foliar and soil applications. Actagro® 2.5% Boron is non-phytotoxic when used as directed and is compatible with most pesticides and fertilizers.

Actagro® 2.5% Boron will be influenced by differences in varieties, soil and environmental conditions and should be applied under conditions of optimum plant growth. Optimum conditions are defined as adequate humidity, moderate temperatures and adequate soil moisture. Optimum conditions for most crops generally occur early morning or late evening hours.

**CAUTION:** Always check compatibility with other chemicals prior to use. Avoid drift to adjacent crops and do not overlap spray patterns. Do not mix with conventional calcium fertilizers.

**CAUTION:** Foliar application of Actagro® 2.5% Boron 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.

**CAUTION:** If any other chemicals are to be used in the spray mixture be sure to check compatibility. Avoid drift to adjacent crops and do not overlap spray patterns. Thoroughly flush application equipment immediately after use.

**WARNING:** This product contains boron which when applied to certain crops may cause serious injury to the crop.

### MIXING INSTRUCTIONS

1. Partially fill tank with water or fertilizer and start agitation.
2. Add other nutrients or pesticides if compatible.
3. Add Actagro® 2.5% Boron to circulating tank mix.
4. Fill tank and agitate thoroughly.

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