

# TECH-GRO™ ALPHA<sub>DF</sub>

NET CONTENTS: 25.0 LBS.  
(11.3 KG.)

ALPHA<sub>DF</sub> is a neutral, micronized, wettable powder formulated with excellent dispersion and wetting characteristics for use as a foliar spray.

## 0-24-0 22% Calcium, 12% Zinc

### GUARANTEED ANALYSIS

Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	24.0%
Calcium (Ca)	22.0%
Sulfur (S)	2.5%
Zinc (Zn)	12.0%
<i>Derived from: Calcium Phosphate, Calcium Sulfate, Zinc Phosphate, Zinc Oxysulfate.</i>	

### GENERAL RECOMMENDATIONS

FOR SPECIFIC CROP RECOMMENDATIONS -  
SEE SUGGESTED USES

**DILUTION:** Apply the suggested rates of ALPHA<sub>DF</sub> in the following amounts of water per acre. Minimum dilution rate - 1 lb. per gallon of water per suggested rate.

Field & Row Crops: By air	10-20 gals.
By ground	10 gals. minimum.
Tree Crops: By air	10 gals. minimum.
By ground concentrate	40-100 gals.
By ground dilute	100-500 gals.
In oil sprays, use 1-10 lbs. per 100 gallons.	

**COMPATIBILITY:** This product has been designed to be compatible with most commonly used insecticides, fungicides and nutritional products. However, a compatibility test is recommended for combinations that have not been used previously. Consult your NUTRI-TECH representative for detailed compatibility information.

**CAUTION:** Causes skin irritation. Avoid contact with skin, eyes, open cuts or sores. In case of contact, flush with water. Get medical attention for eyes.

**ADEQUATE AGITATION SHOULD BE  
MAINTAINED AT ALL TIMES DURING MIXING  
AND APPLICATION.**

**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
HARMFUL IF SWALLOWED  
AVOID BREATHING DUST

### SUGGESTED USES (RATES PER ACRE)

- Alfalfa, Hay, & Other Forage Crops** - Apply 3-10 lbs. over spring growth, repeat after each cutting.
- Almonds** - Apply 10-25 lbs. pre-bloom and at 3-4 week intervals as needed post-bloom.
- Apples, Pears** - Apply 5-25 lbs. at 2-4 week intervals starting pre-bloom.
- Barley, Oats, Rice, Wheat & Other Small Grains** - Apply 3-10 lbs. at tillering, repeat at early boot if necessary.
- Beans, Peas, & related Legumes** - Apply 2-10 lbs. at early bud, repeat after bloom if necessary.
- Cabbage, Cauliflower, Broccoli, Brussels Sprouts & Other Cole Crops** - Apply 2-10 lbs. as needed after thinning or transplant.
- Carrots, Onions, Radishes, Beets & Other Vegetable Root Crops** - Apply 2-10 lbs. when top growth is 4-8" high, repeat as necessary.
- Citrus, Avocados** - Apply 10-25 lbs. in spring, summer, and fall sprays.
- Corn, Field & Sweet** - Apply 3-10 lbs. when 10-20" high, repeat in 2-4 weeks as necessary.
- Cotton** - Apply 3-15 lbs. at first square, repeat in 2-4 weeks as necessary.
- Cucumbers, Melons, Squash & Other Cucurbits** - Apply 2-10 lbs. pre-bloom, repeat in 2-4 weeks as necessary.
- Grapes** - Apply 5-15 lbs. dormant or as needed pre-bloom to post-bloom. (SEE BELOW)
- Hops** - Apply 5-15 lbs. as needed in cover sprays.
- Lettuce, Celery, Spinach & Other Green Leafy Vegetables** - Apply 2-10 lbs. as needed after thinning and transplant.
- Mint** - Apply 5-15 lbs. over new growth, repeat as needed.
- Peaches, Plums, Cherries, & Other Stone Fruits** - Apply 10-25 lbs. pre-bloom and at 3-4 week intervals as needed post-bloom. (SEE BELOW)
- Peanuts** - Apply 5-25 lbs. at early bloom and just prior to pegging.
- Pecans, & Other Deciduous Nut Trees** - Apply 10-25 lbs. at 3-4 week intervals starting at bud break.
- Ornamentals, Trees & Shrubs** - Apply 3-15 lbs. at 4-6 week intervals as needed.
- Potatoes** - Apply 5-15 lbs. at tuber initiation, repeat in 2-4 weeks as necessary.
- Raspberries, Blackberries, Blueberries & Other Small Fruit** - Apply 3-20 lbs. pre-bloom, repeat in 2-4 weeks as necessary. (SEE BELOW)
- Soybeans, Seed Crops** - Apply 3-20 lbs. pre-bloom, repeat in 2-4 weeks as necessary.
- Sugarbeets** - Apply 5-15 lbs. at 4th-6th leaf, repeat in 2-4 weeks as necessary.
- Strawberries** - Apply 5-10 lbs. pre-bloom, repeat in 2-4 weeks as necessary.
- Tomatoes, Peppers, Eggplant & Okra** - Apply 3-10 lbs. pre-bloom, repeat in 2-4 weeks as necessary. (SEE BELOW)
- Walnuts** - Apply 10-30 lbs. in blight sprays.

ALPHA<sub>DF</sub> may leave a visible residue; do not apply within 3-4 weeks of harvest if a visible residue on the crop at the time of harvest is of concern. Some varieties of stone fruits, especially early varieties are sensitive to Zinc. Application during, or followed by, damp weather may result in spray injury.

**NOTICE:** Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used according to directions under normal conditions on the crops specified. Because of widely varying use conditions, it is impossible to eliminate all risks even when the label directions are followed. Therefore, the manufacturer makes no other warranties, expressed or implied. The buyer assumes all risks associated with the use of this product. In the event of damage resulting from a breach of warranty, the buyer agrees to accept a refund of the purchase price as full discharge of the manufacturer's liability.

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

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