

# Primacy ALPHA™

## 3-0-7

Target Market  
**VEGETABLE,  
FIELD AND  
PERMANENT  
CROPS**

Target Usage/  
Application  
**FOLIAR OR  
SOIL NUTRIENT**

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	3%
1.23% Ammoniacal Nitrogen	
1.77% Nitrate Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	7%
Sulfur (S).....	3%
3% Combined Sulfur	
Boron (B).....	0.1%
Manganese (Mn).....	0.5%
0.50% Chelated Manganese	
Zinc (Zn).....	0.5%
0.50% Chelated Zinc	

Derived from Ammonium Nitrate, Potassium Nitrate, Dimethyl Sulfone, Boric Acid, Manganese EDTA, and Zinc EDTA.

F002331

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GENERAL RECOMMENDATIONS

This product is a concentrated nutrient solution containing, in highly soluble form, certain elements beneficial to plant growth, flowering, crop development, crop quality, yield, fruit set, rooting, root development and transplant establishment when applied as a properly timed foliar or soil application. Follow manufacturer's recommended directions for use. Applications of this product should be part of a fertility program based upon soil and tissue testing data and is intended for use as a supplemental fertilizer treatment.

**BORON WARNING:** Over-application or excessive use of boron can result in boron toxicity. This may cause foliar damage or serious crop injury. The proper use of soil test recommendations will minimize the risk of over-application of boron.

For the following product rates, do not use less than the corresponding gallons of water per acre:

Do not exceed a product concentration of 1.5% volume/volume maximum.

0.5 pints/acre = 4.2 gallons/acre
1 pint/acre = 8.4 gallons of water/acre;
2 pints/acre = 16.8 gallons of water/acre;
4 pints/acre = 33.6 gallons of water/acre;
8 pints/acre = 67.2 gallons of water/acre.

(See **APPLICATION PRECAUTIONS** section.)

**Soil Application** – This product may be applied to the soil by all types of soil spraying/injection equipment and through certain types of irrigation systems. Refer to the **IRRIGATION SYSTEM APPLICATION** section. Apply 0.5 to 4 pints per acre. (See **APPLICATION PRECAUTIONS** section.)

**Foliar Application** – This product may be applied by air or with all types of ground spraying equipment. Apply 0.5 to 4 pints per acre based upon crop and growing conditions detailed below. Do not exceed a product concentration of 1.5% volume/volume maximum. (See **APPLICATION PRECAUTIONS** section.)

**Greenhouse or Protected Area Conditions:** DO NOT exceed a maximum product concentration of 0.1% volume/volume or apply more than 2 pints per acre per application. Allow at least 1 week between applications. Note: A 0.1% volume/volume solution is approximately 0.25 fl. oz. of this product per 2 gallons of water. (See **APPLICATION PRECAUTIONS** section.)

**Compatibility** – This product is compatible with most commonly used foliar pesticides, chemically neutral fertilizers and micronutrients. **It is not recommended to use this product with surfactants or adjuvants that lower pH. DO NOT mix with silicone based surfactants or adjuvants. USER ASSUMES FULL RESPONSIBILITY** to ensure compatibility when tank mixing with other products. (See **APPLICATION PRECAUTIONS** section.)

Contact your Certified Crop Advisor for specific recommendations for your area.

### SUGGESTED USES

For the following crops make first application at emergence, transplant, bud break or bloom. Subsequent applications can be made at 15-30 day intervals up to harvest.

**General fruit and vegetable crops** including artichokes, carrots, celery, cabbage, beans, garlic, onions, tomatoes, peppers, broccoli, cauliflower, lettuce, spinach, strawberries, cantaloupes, melons

**Trees** including citrus, avocados, figs, almonds, walnuts, pecans, pistachios, peaches, plums, nectarines, cherries, apples, pears, olives, pomegranates, dates

**Vines** including hops, table, wine and raisin grapes, kiwis

**Berries** including bush, caneberries, cranberries, strawberries

**Field crops** including garbanzo beans, cotton, forage crops, alfalfa hay and seed, barley, corn, grass seed, oats, rice, rye, sugar cane, wheat, sugar beets, asparagus, sunflower, safflower, tobacco

**Forestry and nursery crops**

### IRRIGATION SYSTEM APPLICATION

Applications can be made through certain irrigation systems including, but not limited to, low volume systems and typical agricultural sprinkler systems. The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, with the exception of center pivot and lateral systems, apply this product toward the end of the irrigation set. Allow sufficient time for the product to be flushed completely out of the entire irrigation system prior to turning off the irrigation water. Contact your Certified Crop Advisor for specific recommendations for your area.

### APPLICATION PRECAUTIONS

As with all materials, user should exercise precaution to avoid potential phytotoxicity including foliar burning. Precaution is advised if applying this product in combination with other materials, a jar test for compatibility is recommended before tank mixing with other products. The pH of any final spray solution should be checked and an appropriate amount of the solution should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities.

**INTENDED FOR AGRICULTURAL USE. CONSULT SAFETY DATA SHEET FOR FURTHER INFORMATION.** In the event of a spill, clean-up promptly using trained personnel and pre-planned procedures.

### STORAGE AND HANDLING

Store locked up in a cool, dry, well-ventilated place. Keep container tightly closed and out of direct sunlight during storage for extended amounts of time. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. **Store above 32°F.** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

In Mississippi this product is a **Low Analysis Fertilizer**.

### WARRANTY

Verdesian Life Sciences U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

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