

# NUE Photo Cal

**0.20-0-0**

## Guaranteed Analysis

<b>Total Nitrogen (N)</b> .....	<b>0.20%</b>
<b>0.20% Nitrate Nitrogen</b>	
<b>Calcium (Ca)</b> .....	<b>4.00%</b>
<b>Magnesium (Mg)</b> .....	<b>0.25%</b>
<b>Copper (Cu)</b> .....	<b>0.06%</b>
<b>Iron (Fe)</b> .....	<b>0.12%</b>
<b>Manganese (Mn)</b> .....	<b>0.12%</b>
<b>Zinc (Zn)</b> .....	<b>0.12%</b>

Derived from: Calcium Hydroxide, Magnesium Acetate, Copper Nitrate, Manganese Nitrate, Iron Nitrate and Zinc Nitrate

## GENERAL INFORMATION

NUE Photo Cal is a liquid calcium fertilizer that can be used as a foliar or water run source of calcium to help prevent and correct nutrient deficiencies that may limit crop growth and yields. NUE Photo Cal is a supplement to an adequate and balanced soil fertility program.

It is important to monitor crop needs and responses by maintaining an adequate tissue testing program. When unfamiliar with the effects of foliar applications of calcium it is recommended to perform small scale field trials.

## DIRECTIONS FOR USE

### Mixing Directions

1. Be sure spray tank is thoroughly cleaned.
2. Fill 1/2 full with clean water and start agitation.
3. Add other nutrients if compatible.
4. Add NUE Photo Cal and continue agitation.
5. Adjust pH if necessary.
6. Add pesticides if compatible.
7. Fill tank and agitate thoroughly.

**Compatibility** - NUE Photo Cal is compatible with most pesticides. **Warning: NUE Photo Cal may RAISE the pH of the spray solutions.** For maximum nutritional results with tank mixes containing NUE Photo Cal adjust the final pH to 6.0-7.0. When tank mixing NUE Photo Cal with pesticides

requiring specific pH ranges, always follow pesticide label directions.

Always check compatibility with a jar test before mixing with other fertilizers (i.e. phosphate). If any precipitation occurs, it may be necessary to add NUE Water Conditioner compatibility agent. Consult your Bio-Gro dealer for more information.

## SUGGESTED APPLICATIONS

NUE Photo Cal can be used on most crops where foliar or water run calcium applications are commonly used. Consult your Bio-Gro dealer for specific recommendations.

NUE Photo Cal can be applied by ground, air or through micro and overhead irrigation systems. Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets.

Optimum rate of application will vary between fields depending on soil and/or climatic conditions, stage of crop growth and size of plants.

Do not apply foliar applications of NUE Photo Cal under poor drying conditions or in excess heat. Dilute spray in at least 100 gallons per acre of water.

## FOLIAR APPLICATION RATES

**Field Crops:** Apply 1 to 8 quarts per acre as a directed foliar spray during periods of rapid growth or nutritional demand once plants have reached 4-8 inches in height. NUE Photo Cal may be applied at 10 to 14 day intervals.

**Vegetable Crops:** Apply 1 to 8 quarts per acre. Apply NUE Photo Cal as needed throughout vegetative development and/or during rapid fruit growth.

**Tree and Vine Crops:** Apply 2 to 12 quarts per acre during growing season. Applications during veraison should be limited to 2 qts/acre and used with appropriate adjuvant unless experience dictates otherwise. Repeat applications may be made in 10 to 21 day intervals.

**Berry Crops:** Apply 2 to 8 quarts per acre of NUE Photo Cal after active vegetative growth begins. Applications may be repeated in 7 to 14 day intervals.

## FERTIGATION APPLICATION RATES

**All Crops:** Apply 4 to 12 quarts per acre once plants have an established root system. NUE Photo Cal may be applied through drip or overhead irrigation systems as required.

## CONDITIONS OF SALE

Seller and/or manufacturer warrants only that this product consists of the ingredients specified on this label. No one is hereby authorized to make any warranty and/or guarantee concerning the use of this product. Being that the use, timing, placement, rate, application and other conditions are beyond the control of the seller and/or manufacturer, the seller's and/or manufacturer's liability for handling, storage and use of this product is limited to replacement of product or refund of purchase price.

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



**BioGro**



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## Photo Cal



### WARNING

H302: Harmful if swallowed  
H315: Causes skin irritation.  
H318: Causes eye damage.

### PRECAUTIONARY STATEMENTS

Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection. Do not handle until all safety precautions have been read and understood. Do not taste or swallow.

**10.29 lbs/gallon @ 68° F (1.23 kg/liter)**

- Net Contents: 2 x 2.5 Gal (2 x 9.46 L)     Net Contents: 5 Gal (18.92 L)  
 Net Contents: 250 Gal (946 L)                     Net Contents: \_\_\_\_\_