



# NUE 5-16-4 Plus

## General Information:

**NUE 5-16-4 + 5% Ca** is a concentrated mixture of nitrogen, phosphate, and potassium fertilizers with calcium in a soluble form.

## 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 NUE 5-16-4+5 Ca and continue agitation.
4. Add other nutrients if compatible.
5. Adjust pH if necessary.
6. Add pesticides if compatible.
7. Fill tank and agitate thoroughly.

**Compatibility** - NUE 5-16-4 +5 Ca is compatible with most pesticides.

**WARNING:** NUE 5-16-4 + 5 Ca may LOWER the pH of the spray solutions. If desired, raise pH by adding NUE Cal-8. When tank mixing NUE 5-16-4 +5 Ca with pesticides requiring specific pH ranges, always follow pesticide label directions.

NUE 5-16-4 +5 Ca can be blended with other liquid fertilizers. Always conduct 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.

**CAUTION:** Tank mixes with copper based fungicides can be toxic due to increased solubility of copper. Application of this product with copper fungicides or any other low pH sensitive product is not recommended.

BG Rev 10-20-2006

Born

## 5-16-4

### Guaranteed Analysis:

Total Nitrogen (N) .....	5%
4.5% Nitrate Nitrogen	
0.5% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	16%
Soluble Potash (K <sub>2</sub> O) .....	4%
Calcium (Ca).....	5%

Derived from urea, ammonium phosphate, phosphoric acid, potassium hydroxide, calcium nitrate,.

KEEP OUT OF REACH OF CHILDREN  
Harmful if Swallowed

### Precautionary Statements:

Harmful if swallowed, inhaled or absorbed through skin. May cause eye and skin irritation. In case of contact, immediately flush eyes and/or wash skin with plenty of fresh water for at least 15 minutes.

Do not contaminate feed or food items.

Use caution in application to assure coverage on intended treatment areas only.

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

### Manufactured by:

Bio-Gro, Inc.  
681 Glade Road  
Mabton, WA 98935  
Tel: 509-894-4110



## Suggested Applications:

**NUE 5-16-4 +5 Ca** can be used on crops where foliar, fertigated or soil applied fertilizer are required. Consult your Bio-Gro dealer for specific recommendations.

### Foliar Applications:

**NUE 5-16-4 +5 Ca** can be applied by ground, or air equipment. Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets.

Do not apply foliar applications of NUE 5-16-4+5 Ca under poor drying conditions or in excess heat.

**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 5-16-4+5 Ca may be applied at 10 to 14 day intervals.

**Vegetable Crops:** Foliar 1-8 quarts per acre. Apply NUE 5-16-4+5 Ca as needed throughout vegetative development and/or during rapid fruit growth.

**Tree and Vine Crops:** Apply 2 to 8 quarts per acre from bud swell to harvest. Repeat applications may be made in 10 to 21 day intervals.

**Berry Crops:** Apply 2 to 8 quarts per acre of NUE after active vegetative growth begins. Applications may be repeated in 7 to 14 day intervals. Dilute spray in at least 100 gallons per acre of water.

**Ornamentals:** Apply 1 to 8 quarts per acre of NUE 5-16-4+5 Ca as needed.

### Fertigation Application:

**All Crops:** NUE 5-16-4+5 Ca may be applied by fertigation through micro or overhead irrigation systems. Apply at 1-5 gallons/acre.

### Soil Applications:

Sidedress/Banding/infurrow: Apply at 1-5 gallons/acre of NUE 5-16-4+5 Ca directly to the soil. Avoid direct contact with fertilizer sensitive soils.

## 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.

# NUE 5-16-4

## 250 Gallons (946 liters)

## 11.35 lbs/gallon (13.60 kg/liter)

# MADE IN USA