

# Premium PhotoStim



**0-0-5**

## Guaranteed Analysis

### PLANT FOOD INGREDIENTS

**Soluble Potash (K<sub>2</sub>O).....5.00%**

Derived from sunflower hull ash.

### NON-PLANT INGREDIENTS

**Monosaccharides .....42.10%**

**Polysaccharides.....3.4%**

Derived from sunflower hull ash and sugars.

### GENERAL INFORMATION

Premium PhotoStim is a blend of naturally produced organic and amino acids designed for chelation of soil & foliar applied minerals such as Ca, Cu, Fe, Mg, Mn & Zn.

Premium PhotoStim can be used as an aid for the prevention of precipitation of minerals in the spray tank.

### DIRECTIONS FOR USE

**Mixing Directions** - Be sure spray tank is thoroughly cleaned, fill ½ full with clean water, add required amount of Premium PhotoStim. Begin agitation, and minerals first; add balance of water and then NPK solution. Always add NPK solution last.

**Compatibility** - Due to the variability of NPK products and mineral sources, it is recommended to check compatibility in all spray combinations by a simple jar test with appropriate concentrations in lieu of published data. In the event of precipitation, additional Premium PhotoStim may be needed. Prolonged storage of NPK and/or mineral combinations with Premium PhotoStim is not recommended.

**Dilution and Spray Volumes** - Always use enough water for uniform application and to prevent possible plant tissue

damage to the intended crop from concentrated droplets.

**Containers:** Triple rinse. Dispose of containers only in a manner approved by local and state authorities.

### SUGGESTED APPLICATIONS

**Soil Applications:** 1 to 4 gallons per acre in pop-up, side-dressed, side-banded or starter fertilizers. Can be water run with any liquid fertilizer application. 2-gallon rates should be spread out over 3-4 applications for most effectiveness. **128 to 512 ozs/acre on Soil**

**Foliar Applications:** Premium PhotoStim is designed for increased mineral translocation and uptake. It should be used at 1 to 4 quarts per acre in additions to any mineral foliar – Ca, Mg, Zn, Mn, Cu, Fe, Co, Mo & B. **32 to 128 ozs/acre as Foliar**

Premium PhotoStim is also a trace mineral compatibility agent. It can be used to blend liquid phosphate fertilizers with trace elements such as Ca, Mg, Zn, Mn, Cu & Fe.

Each NPK & Trace mineral blend requires specific amounts of NUE Carbo-Chelate for optimum chelation, compatibility and cost.

Please call Bio-Gro, Inc. at 1-509-894-4110 and we will lab test your specific blend. Allow 2-3 days so that the sample(s) can be allowed to stand 1-2 days.

### 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.

Quality Concerns? Love our Product? Use QR code to let us know



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

### Sunflower Ash



#### WARNING

H313: May be harmful in con-tact with skin. H318: Causes serious eye damage. H303: May be harmful if swal-lowed. H313: May be harmful in con-tact with skin.

#### PRECAUTIONARY STATEMENTS

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling.



Manufactured by:  
Bio-Gro, Inc. • 681 Glade Road • Mabton, WA 98935  
Tel: 509-894-4110 Web: [www.BioGro.com](http://www.BioGro.com)

**9.2 lbs/gallon @ 68° F (1.1 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: \_\_\_\_\_