



# PhotoMag™

## ultra micronized nutrient



*PhotoMag™ is a synergistic blend of minerals designed to provide the key nutrients used in photosynthesis and protein synthesis.*

### features & benefits

- Contains magnesium to provide the building block of chlorophyll
- Contains sulfur, boron, cobalt and molybdenum to aid in the production of proteins
- Helps increase photosynthetic efficiency
- Promotes better mineral mobility from soil reserves
- Facilitates nitrate metabolism within the plant

### where & how to use

When mineral availability in soil is low, PhotoMag™ supplements critical elements to help maximize the mobility of tied up nutrient reserves.

An application of available phosphorus and calcium sources combined with PhotoMag™ can increase sugar production and flow in the plant.

PhotoMag™ can be used in the row, in irrigation or as a foliar spray and can be mixed with many other fertilizer products. PhotoMag™ can be mixed with many fungicides and insecticides.\*

*This product is suitable for use under NOP. Please check with your certifier before using.*

\* A jar test should be conducted when mixing PhotoMag™ with any other product.

### nutritional supplement makeup

PhotoMag™ is derived from magnesium which acts as an aid to promote chlorophyll and sugar production.

PhotoMag™ also contains sulfur, boron, cobalt and molybdenum.

Sulfur promotes the building of amino acids that enable the production of complete proteins.

Boron enables the efficient translocation of sugars to the root which enhances nutrient uptake, especially calcium.

Cobalt facilitates proper root development and is an integral part in preventing early plant die-back (senescence) by blocking ethylene production.

Molybdenum is critical to a plant's nitrate metabolism.

### application rates and timing

**Forage Crops:** Apply at a rate of up to 6 quarts per acre, 10-14 days after each cutting.

**Fruits & Vegetables:** As a foliar and/or in irrigation, apply up to 1 gallon per acre, every 7-14 days.

**Broad Acre Crops:** For use as a row starter, or as a side dress, can be applied at up to 2 gallons per acre. As a foliar, apply up to 1 gallon per acre at appropriate plant growth stages.

***While this product can be used individually, it has been designed to be used along with other complementary products as part of an overall fertility program that will produce the highest quality results.***

***If you are currently not taking advantage of our consulting service, please call 800-495-6603 to get connected with an AEA consultant.***



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