



# PhotoMag™

## ultra micronized nutrient

### Guaranteed analysis:

Magnesium (Mg).....	1%
Sulfur (S).....	1%
Boron (B).....	0.6%
Cobalt (Co).....	0.02%
Molybdenum (Mo).....	0.02%

### Derived from:

Magnesium sulfate, disodium octaborate, concentrated sea water, cobalt sulfate, sodium molybdate

### Also contains non-plant food ingredient:

- 1.2% humic acid (derived from leonardite)
- 1 gallon (3.78L)
  - 55 gallon (208.2L)
  - 5 gallon (18.92L)
  - 275 gallon (1041L)
  - 30 gallon (113.56L)

**Density:** 9.5 lbs. per gallon at 68° F

**Volume:** 1 gallon (3.78L)

Information regarding the contents and levels of metals in this product is available on the internet at

<http://www.aapfco.org/metals.htm>

*Disclaimer: AEA products are sold "as is" and all warranties, express or implied, are disclaimed. In no event shall AEA or its affiliates be liable for any damages of any kind for the storage or use of this product. The buyer assumes all responsibility for the use of any AEA products.*

This product is intended for use according to an approved organic system plan. All materials comply with the USDA National Organic Program (NOP) rules and other international bio-organic regulations for certified organic crop production. Verify with your certifier before using.

### Application rates and timing

This material is intended for foliar application and is to be used only according to the manufacturer's directions.

**For Forages:** Apply 4-6 quarts per acre, 10-14 days after each cutting.

**For Fruits and Vegetables:** As a foliar and/or in irrigation, apply 1-2 quarts per acre, every 7-14 days as part of a full fertility program.

**For Broad Acre Crops:** As a row starter or side dress, apply 4-8 quarts per acre, based on soil analysis. As a foliar, apply 2-4 quarts per acre. This product is to be used as a supplement to a regular fertilizer program.

**CAUTION:** Some crops may be injured by excessive application of boron.

**WARNING:** The applications of fertilizers containing molybdenum may result in forage crops containing levels of molybdenum which are toxic to ruminant animals.

**Handling:** Store in cool dry area out of direct sunlight. This product has been tested to store safely down to 35°F. Crystallization or sedimentation may occur below 35°F or above 95° F. Shake or stir before use, especially when near empty to dissolve the residue on the bottom of the drum/bottle. Do not pre-mix or store in diluted form. Always use product within 8 hours of diluting. All foliar sprays perform best when applied early morning or late afternoon.

**When tank mixing:** A jar test is recommended: Prepare a small amount of the proposed mix and allow it to stand in a glass jar over night observing for signs of incompatibility. Ideally, a sample of the test mix should then be sprayed on a small area of the target crop and observed for 3 to 4 days for any phytotoxic effects. Agitation is the key to usability of this product. AEA products involve tiny particles which are far too small to clog filters, however if they are inadequately diluted or agitated before and during application there is a possibility of problems with spray equipment. Consider using an eductor nozzle to agitate prior to use. Compatibility and/or performance cannot be guaranteed when combined with other products.



**Advancing Eco Agriculture**

4551 Parks West Road, Middlefield, OH 44062  
www.advancingecoag.com • 800-495-6603