



Metalosate®

BIG 5™

Amino Acid Complex Liquid Foliar Fertilizer



Net Weight: 26.22 lbs/11.91 kg (2.5 Gallons)

Stock Code: 09031-AL-GL0025

Lot #:

17000000

label version
ALv12/2017

METALOSATE® BIG 5™

GUARANTEED ANALYSIS:

Total Nitrogen (N)	1.5%
Sulfur (S)	3.0%
Boron (B)	0.25%
Manganese (Mn)	3.0%
Zinc (Zn)	3.0%

Derived from Manganese Amino Acid Complex, Zinc Amino Acid Complex, Sodium Tetraborate, Nitrogen in the form of Amino Acids and Sulfur in the form of Manganese Sulfate and Zinc Sulfate.

GENERAL INFORMATION:

Metalosate® BIG 5™ is designed for foliar application on plants to prevent or correct nutrient deficiencies that may limit crop growth and yields. It is water soluble and nontoxic to plants when applied as directed. For best results, apply **Metalosate® BIG 5™** according to recommendations based on plant tissue or soil analysis.

DIRECTIONS:

Shake well before use. Keep from freezing. Store in a cool place. DO NOT apply undiluted.

Dilute one part **Metalosate® BIG 5™** with 20 or more parts water. Apply by a spray method and in an adequate amount of water that will provide complete coverage of the plants. Use of a non-ionic wetting agent may improve spray coverage of certain hard to wet plants.

Metalosate® BIG 5™ can be included in a regular spray program on crops.

Consult with an **Albion®** representative on compatibility with other spray materials.

The rate of application will depend on the crop, stage of growth, and severity of deficiency. The maximum recommended rates are for mature, full-sized plants. Reduce the rates proportionately when spraying smaller plants.

LIMITED WARRANTY:

Seller's and Manufacturer's obligation is limited to replacement of defective product. **NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS, OR DAMAGE DIRECTLY OR CONSEQUENTLY ARISING OUT OF THE MISUSE OR INABILITY TO USE THE PRODUCT. ALL OTHER WARRANTIES EXCEPT IN WRITING FROM THE MANUFACTURER, WHETHER EXPRESSED OR IMPLIED ARE HEREBY DISCLAIMED.**

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

Albion®, BIG 5™, and Metalosate® are trademarks of Albion Laboratories, Inc. Patent information: www.albionplantnutrition.com/patents

Metalosate® BIG 5™ may be used on legumes, grain crops, root crops, cucurbits, cruciferous crops, leafy vegetables, woody and herbaceous ornamentals, deciduous fruits, vine crops, tropical and subtropical fruits, and many other crops.

RECOMMENDATIONS:

Field Crops (including corn, soybeans and rice): Apply 8 to 16 fluid ounces per acre (500 to 1000 milliliters per hectare) during periods of rapid growth or nutritional stress. The application may be repeated 2 or more times through the growing season.

Vegetable Crops (including beans, carrots, cucurbits, cole crops, leafy vegetables, onions and tomatoes): Apply 3 to 4 applications at 8 to 16 fluid oz per acre (500 to 1000 milliliters per hectare) per application. Spraying should start at the 3 to 4 leaf stage using the lower concentration. As the volume of foliage increases the application rate should increase to the higher concentration.

Guideline for mixing with compatible products in the spray tank:

1. Fill the spray tank to at least one half capacity with clean water and start the agitation.
2. Add the total required amount of **Metalosate® BIG 5™** to the tank and allow it to completely dissolve in the water before adding the next one.
3. Add the chemicals in the following order:
 - i. Wettable powder
 - ii. Flowable
 - ii. Emulsifiable concentration
 - iv. Oil
 - v. Surfactant
4. Allow each chemical to completely disperse in the solution with good agitation before adding the next one.
5. Finally, fill the tank with water to the final volume and immediately spray while maintaining agitation.

Toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect Spillage. Dispose of contents/container at an approved waste disposal plant. 2% of the mixture consists of ingredient(s) of unknown acute and environmental toxicity.

Manufactured by: Albion Laboratories, Inc.
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