

# AgrisOLUTIONS<sup>TM</sup>

# MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>

The Next Generation of Foliar Nutrition

## Guaranteed Analysis

Sulfur (S)	3.6%
Boron (B)	0.1%
Manganese (Mn)	3.0%
Zinc (Zn)	4.0%

Derived from: Boric Acid, manganese sulfate and zinc sulfate  
\* U.S. Patent No. 7,666,242

Store Above 40° F

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**  
In case of contact, flush with water.

## **DIRECTIONS FOR USE:**

For use in a balanced fertility program for all crops requiring boron, manganese and zinc. User should seek the advice of a certified crop advisor or trained agronomist. For specific crop recommendations in your area, consult your state's recommendations.

**CAUTION:** Over-application or excessive use of boron, or use on crops other than those listed as having a boron response, can result in boron toxicity and may cause serious crop injury.

**CAUTION:** Due to a low pH, gloves are recommended when handling.

## **GENERAL INFORMATION:**

**MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** contains CornSorb<sup>TM</sup> technology which assists in absorption and movement of nutrients in the plant. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** is not to be used as a replacement for any surfactant in recommendations tank-mixed with herbicides. The use of ammonium sulfate or ammonium sulfate product (such as AgriSolutions CLASS ACT<sup>®</sup> NG<sup>®</sup> or Alliance<sup>TM</sup>) is always recommended when tank-mixed with glyphosate based products and other herbicides. When tough to control weed conditions exist, such as hot and dry weather, the use of AgriSolutions CLASS ACT<sup>®</sup> NG<sup>®</sup> is recommended.

**MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** is specifically designed for use on crops that have displayed deficiencies to zinc and manganese. Use in a minimum of 10 gallons of water per acre.

**MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be used in conjunction with glyphosate products. It includes SureTank<sup>TM</sup> technology for compatibility with many agricultural pesticides. However, if local information is not available, a jar test for compatibility should be conducted prior to large scale mixing. When using **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** with pesticides read and follow the pesticide label instructions. Do not mix **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** where prohibited by the pesticide label. Mixing **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** with certain pesticides or adjuvants, especially oil based products, can increase the risk of phytotoxicity to sensitive crops in conditions that may increase the activity of the spray solution. Do not mix **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** with pesticides unless potential phytotoxicity can be tolerated. If uncertain spray a small test area with the spray mixture before making large scale applications.

Distributed By:  
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St. Paul, Minnesota 55164-0589

1/0506/0  
Weight Per Gallon: 10.76 pounds  
NET WEIGHT: 26.90 lbs. (12.2 kg.)  
NET CONTENTS: 2.5 Gallons (9.464 Liters)

## **MIXING INSTRUCTIONS:**

1. Add water and agitate.
2. Add the ammonium sulfate source (CLASS ACT<sup>®</sup> NG<sup>®</sup>) or water conditioner.
3. Add **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>**
4. Add Pesticides

NOTE: If wettable powders or water dispersible granules (WDG) are used, slurry them in water prior to addition.

## **MIXING INSTRUCTIONS WHEN MIXED WITH GLYPHOSATE:**

1. Fill tank ½ full with water and agitate
2. Add CLASS ACT<sup>®</sup> NG<sup>®</sup> or AMS and agitate
3. Add **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>**, continue agitation
4. Fill tank to ¾ full and continue agitation
5. Add glyphosate and continue agitation
6. Fill tank to full

Do not mix **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** and glyphosate together in the cone inductor. If using a cone induction system, rinse it out thoroughly with water between the addition of **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** and glyphosate.

At the end of the day rinse out spray booms.

## **Foliar Application:**

**Alfalfa:** Apply 1 to 2 quarts per acre of **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** after each cutting. Applications should be made when sufficient re-growth has occurred.

**Cereal Crops:** Apply 1 to 2 quarts per acre when plants are between tillering and early joint stages. Later application may be needed; tissue samples should be used to determine later usages.

**Corn:** Apply 1 to 2 quarts per acre when corn is in the V3 to V8 stage. Later application may be needed; tissue samples should be used to determine later usages. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be tank mixed with glyphosate herbicides.

**Cotton:** Apply 1.5 pints per acre between the first true leaf and pin head square. 1 to 2 quarts per acre from first bloom to boll fill. Later application may be needed; tissue samples should be used to determine later usages. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be tank mixed with glyphosate herbicides. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be tank mixed with MAX-IN Cotton.

**Peanuts:** Use 1-2 quarts per acre of **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** during the vegetative stage in a minimum of 10 gallons of water by ground. A second application may be made at pegging.

**Potatoes:** Apply 1 to 2 quarts per acre from emergence to tuber initiation. Later application may be needed; tissue samples should be used to determine later usages.

**Soybeans:** Apply 1 to 2 quarts per acre when soybeans are in the vegetative stage or earlier reproductive stage. Later application may be needed; tissue samples should be used to determine later usages. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be tank mixed with glyphosate herbicides.

**Sugar Beets:** Apply 1 to 2 quarts per acre between the second and 10 true leaf stages. Later application may be needed; tissue samples should be used to determine later usages. **MAX-IN<sup>®</sup> ULTRA ZMB<sup>®</sup>** can be tank mixed with glyphosate herbicides.

## **Aerial Application:**

Above use rates should be used in a minimum of 3 gallons of water by air. Repeat applications 10-21 days apart may be necessary.

A number of variables influence the rate of application necessary to prevent or correct a specific deficiency. For best results, follow good agronomic practices and tissue test. For specific recommendations for crops in your area, consult your state's recommendations. An ammonium sulfate source is recommended with herbicides where ammonium sulfate or a nitrogen source is recommended.

For use in Wisconsin:

For beans (dry, snap), lettuce, oat, onion, radishes, raspberry, soybean, spinach, sudangrass, wheat – 0.5 lbs manganese (1.56 gallons of product) per acre for foliar applications.

For other crops – 0.10 lbs manganese (0.31 gallons of product) per acre for foliar applications.

## **CAUTION:**

- Keep out of the reach of children
- Harmful if swallowed

- Avoid breathing spray mist
- Contact may cause eye or skin irritation
- Avoid contact with eyes and prolonged contact with skin

**First Aid:**

**In case of contact**, flush eyes with plenty of water for at least 15 minutes and get prompt medical attention. Wash skin thoroughly with soap and water.

**STORAGE****Store Above 40° F**

**MAX-IN® ULTRA ZMB®** can be corrosive to tanks, pumps, meters and fittings. Store in stainless steel or polyethylene tanks with stainless steel or polyethylene fittings.

For Chemical Spill, Leak, Fire or Exposure, Call Chemtrec (800) 424-9300.

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

**WARRANTY DISCLAIMER**

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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