

# MAX-IN® ULTRA ZMB®

The Next Generation of Foliar Nutrition

## Guaranteed Analysis

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

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

**Store Above 40° F**

**KEEP OUT OF REACH OF CHILDREN**



**DANGER**

Causes severe skin burns and eye damage. Suspected of damaging fertility or the unborn child if ingested. May cause damage to central nervous system and/or lungs through prolonged or repeated inhalation.

### **PRECAUTIONARY STATEMENTS**

Do not breathe mist. Wash hands thoroughly after use. Wear protective gloves, protective clothing, eye protection, and face protection. See Safety Data Sheet for additional information. Do not handle until all safety precautions have been read and understood. Store in a secured, preferably locked, area. 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. Dispose of contents/container in accordance with Federal, state and local regulations.

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, Or Accident, Call: CHEMTREC 1-800-424-9300

### **FIRST AID**

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water/shower.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center or doctor for treatment advice.

**IF IN EYES:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor for treatment advice.

In case of medical emergency, call toll free 1-877-424-7452

### **DIRECTIONS FOR USE:**

F1683

Distributed and Guaranteed By:  
Winfield Solutions, LLC  
PO Box 64589  
St. Paul, Minnesota 55164-0589

1/0917/8

Weight Per Gallon: 10.76 pounds

NET WEIGHT: 26.90 lbs. (12.2 kg.)

NET CONTENTS: 2.5 Gallons (9.464 Liters)

**WINFIELD  
UNITED**

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.

### **GENERAL INFORMATION:**

**MAX-IN® ULTRA ZMB®** 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 CLASS ACT® NG® or Alliance®) 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 CLASS ACT® NG® is recommended.

**MAX-IN® ULTRA ZMB®** 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® ULTRA ZMB®** can be used in conjunction with glyphosate products. It includes SureTank™ 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® ULTRA ZMB®** with pesticides read and follow the pesticide label instructions. Do not mix **MAX-IN® ULTRA ZMB®** where prohibited by the pesticide label. Mixing **MAX-IN® ULTRA ZMB®** 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® ULTRA ZMB®** with pesticides unless potential phytotoxicity can be tolerated. If uncertain spray a small test area with the spray mixture before making large scale applications.

### **MIXING INSTRUCTIONS:**

1. Add water and agitate.
2. Add the ammonium sulfate source (CLASS ACT® NG®) or water conditioner.
3. Add **MAX-IN® ULTRA ZMB®**
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® NG® or AMS and agitate
3. Add **MAX-IN® ULTRA ZMB®**, 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® ULTRA ZMB®** 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® ULTRA ZMB®** 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® ULTRA ZMB®** 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® ULTRA ZMB®** 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® ULTRA ZMB®** can be tank mixed with glyphosate herbicides. **MAX-IN® ULTRA ZMB®** can be tank mixed with MAX-IN for Cotton NF.

**Peanuts:** Use 1-2 quarts per acre of **MAX-IN® ULTRA ZMB®** 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® ULTRA ZMB®** 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® ULTRA ZMB®** can be tank mixed with glyphosate herbicides.

**Non-vine vegetable crops (including edible beans, dry beans, peppers, potatoes, tomatoes and other fruit producing vegetable crops):** Apply 1 quart per acre of **MAX-IN® ULTRA ZMB®** starting at pre-bloom or early bloom. Repeat applications may be needed every 10 to 14 days or as tissue sample deem necessary.

**Cucurbits and other vine crops (including cantaloupes, watermelons, and honey dew melons):** Apply 1 quart per acre of **MAX-IN® ULTRA ZMB®** starting when runners are 4-6 inches in length. May be repeated in 14-21 days for a maximum of four applications.

**Tree Crops (All Nut and Fruit Crops):** Apply 1 to 2 quarts per acre as recommended by crop advisor. Can be applied in 50 to 200 gallons per acre.

**Turfgrass (golf courses, sports fields, lawns, and other turf areas):** Apply 0.25 to 2 fl. oz. per 1000 ft<sup>2</sup> in 1 to 3 gallons of water during the growing season as needed. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rains are expected. Apply this product only to your lawn/garden.

**Other Crops:** Apply according to directions of your regional Winfield Plant Nutrition Specialist or local agricultural professional to crops where the addition of boron, manganese and zinc would be beneficial.

**For Turfgrass Applications:** DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.

### **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.

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.

SureTank™ is a trademark of Winfield Solutions, LLC.

Alliance®, MAX-IN®, ZMB®, CLASS ACT® and NG® are registered trademarks of Winfield Solutions, LLC.

**NOTES**

9/17/18 updated to WU brand. Added Medical emergency number and moved chemical emergency number