

# MAX-IN<sup>®</sup> Iron

The Next Generation of Foliar Nutrition  
**12-0-0**

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	12.0%
12.0% Urea Nitrogen	
Iron (Fe) .....	5.0%
5.0% Water Soluble Iron (Fe)	
Manganese (Mn) .....	1.0%
1.0% Water Soluble Manganese (Mn)	

**Derived From:** Urea, Ferrous Sulfate and Manganese sulfate

\* U.S. Patent No. 7,666,242

**STORE ABOVE 45°F**

**KEEP OUT OF REACH OF CHILDREN**



## WARNING

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

## PRECAUTIONARY STATEMENTS

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing and eye and face protection. Do not breathe mist, vapors or spray. Dispose of contents/container to an approved waste disposal plant. Recommended storage temperature is between 45°F-100°F. Undiluted **MAX-IN<sup>®</sup> IRON** is corrosive to mild steel, aluminum, and brass and must be stored and/or shipped in fiberglass, polypropylene, or stainless steel--use only stainless or P.V.C. fittings. Absorb any spillage to prevent material damage.

## FIRST AID

**IF SWALLOWED:** Call a poison center or doctor if you feel unwell. Rinse mouth.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**GENERAL ADVICE:** Get medical attention if you feel unwell.

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300

F1683

Distributed and Guaranteed By:  
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P.O. Box 64589  
St. Paul, MN 55164-0589

Weight Per Gallon: 11.0 lbs. (4.98kg.)  
Net Weight: 27.5lbs. (12.47 kg)  
Net Contents: 2.5 Gallons (9.46 Liters)  
1/0105/7

# WINFIELD<sup>™</sup>

## GENERAL INFORMATION:

**MAX-IN® IRON** 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.

When using **MAX-IN® IRON** with pesticides read and follow the pesticide label instructions. Do not mix **MAX-IN® IRON** where prohibited by the pesticide label. Mixing **MAX-IN® IRON** 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® IRON** 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® IRON**
4. Add Pesticides

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

## DIRECTIONS FOR USE:

For use in a balanced fertility program for all crops requiring ferrous sulfate. 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.

Use in a minimum of 10 gallons of water per acre.

**PRECAUTION:** Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. Do not apply to foliage of any crop when temperatures are above 90°F.

## FOLIAR APPLICATIONS TO CROPS

**Alfalfa:** Apply 1 to 2 quarts per acre of **MAX-IN® IRON** 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.

**Cotton:** Apply 1 to 2 quarts 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® IRON** can be tank mixed with MAX-IN for Cotton NF.

**Peanuts:** Use 1-2 quarts per acre of **MAX-IN® IRON** 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.

**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.

**Vegetable Crops:** Apply 1/2 to 1 gallon per acre in at least 25 gallons of water. Application should be made early in the growing season. This treatment should be repeated if crops continue to show deficiencies. Avoid spraying during bloom periods.

**Orchard Crops:** Apply 1/2 to 1-1/2 gallons per acre in at least 100 gallons of water. Application should be made early in the growing season. Do not apply after petal-fall.

**Other Crops:** Apply according to the directions of your regional Winfield Agronomist or local agricultural professional to crops where the addition of nitrogen and iron would be beneficial.

**Golf Courses:** **MAX-IN® IRON** should be applied at 2-12 fl oz per 1,000 sq. ft. in 3 to 7 applications per year, depending on need and the fertilization program in your region. Spray volumes can range from 0.5 to 4 gallons per 1,000 sq. ft. for adequate coverage. For tank mixtures containing amine formulations of herbicides, spray volumes greater than 2 gallons per 1,000 sq. ft. are recommended. **MAX-IN® IRON** may be used on greens,

tees, fairways, roughs, and other turf areas composed of turfgrasses including, but not limited to: Bluegrass, Perennial Ryegrass, Tall Fescue, Annual Bluegrass, Bentgrass, Bahiagrass, St. Augustinegrass, Zoysiagrass, Centipedegrass, Seashore Paspalum, and Bermudagrass. For best results do not irrigate or mow until sprayed area has completely dried.

\* On centipedegrass do not apply with other fertilizers, pesticides or specialty products when temperatures can exceed 90°F.

**Lawns and Other Turf Areas:** **MAX-IN® IRON** should be applied at 4-16 fl oz per 1,000 sq. ft. in 3 to 5 applications per year, depending on need and the fertilization program in your region. Spray volumes can range from 0.5 to 4 gallons per 1,000 sq. ft. for adequate coverage. For tank mixtures containing amine formulations of herbicides, spray volumes greater than 2 gallons per 1,000 sq. ft. are recommended. **MAX-IN® IRON** may be used on all turfgrasses including, but not limited to: Bluegrass, Perennial Ryegrass, Tall Fescue, Annual Bluegrass, Bentgrass, Bahiagrass, St. Augustinegrass, Zoysiagrass, Centipedegrass, Seashore Paspalum, and Bermudagrass. For best results do not irrigate or mow until sprayed area has completely dried.

\* On centipedegrass do not apply with other fertilizers, pesticides or specialty products when temperatures can exceed 90°F.

**Herbaceous Ornamentals:** Apply 40-60 fl. oz. per 1,000 square feet of landscaped area and water in. For container grown products apply a foliar spray or soil drench at a rate of 0.25 to 0.5 gal per 100 gals of water. Do not apply directly to flowers or flower buds.

**Woody Ornamentals:** Apply 40-60 fl. oz. per 1,000 square feet of landscaped area and water in. For container grown products apply a foliar spray or soil drench at a rate of 0.5 to 2 gal per 100 gals of water.

**Trees:** As a soil drench, use 16 fl. oz. in 2 gallons of water per inch of trunk DBH. Thoroughly drench area around trunk. Apply 40-60 fl. oz. per 1,000 square feet of landscaped area and water in. As a foliar spray, apply at a rate of 0.5 to 2 gal per 100 gals of water.

**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.

Information regarding the content 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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