

## MICROSYNC™ IRONCLAD™ IDC

2-0-0

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	2.00%
2.0% Ammoniacal Nitrogen	
Sulfur (S).....	4.00%
4.00% Combined Sulfur (S)	
Iron (Fe).....	2.50%
1.55% Chelated Iron (Fe)	
0.95% Water Soluble Iron (Fe)	
Zinc (Zn).....	1.00%
0.50% Chelated Zinc (Zn)	
0.50% Water Soluble Zinc (Zn)	

Derived from Ammonium Sulfate, Iron EDDHA (85% ortho-ortho EDDHA and 15% ortho-para EDDHA), Iron Citrate, Ferrous Sulfate, Zinc EDTA, Zinc Citrate and Zinc Sulfate.

Chelating Agents: EDDHA, EDTA and Citric Acid

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GENERAL INFORMATION

microSync IronClad IDC is a granular fertilizer designed to supply increased available iron to crops. The focus crop for microSync IronClad IDC is soybeans grown in areas with high pH and a history of iron deficiency chlorosis (IDC). Additional crops grown under high pH conditions may benefit from applications of microSync IronClad IDC.

### RECOMMENDATION FOR USE IN SOYBEANS

microSync IronClad IDC is recommended to be part of a complete management program for reducing IDC in soybeans. microSync IronClad IDC is recommended as an in-furrow, soil applied fertilizer in soybeans. Broadcast applications of microSync IronClad IDC in soybeans is not recommended.

**Application for IDC:** 10-15 lbs/A of microSync IronClad IDC have shown to be the most effective application rate to reduce or correct IDC. Blending with other fertilizers is not recommended as other fertilizers may induce IDC.

**Application in the Absence of IDC:** 5-15 lbs/A of microSync IronClad IDC either alone or blended with other fertilizers. Fertilizer rates and blends

should be determined based on a soil test or previous experience with the crop and field.

### DIRECTIONS FOR USE APPLICATION EQUIPMENT REQUIREMENTS (IN-FURROW)

1. Always be sure to calibrate equipment before each use. Follow the calibration instructions supplied by the equipment manufacturer when using microSync IronClad IDC. Contact your equipment dealer if further assistance is needed.
2. microSync IronClad IDC must be applied using the following granular application equipment: a) Dedicated air seed tank b) Bulk granular applicator c) Hoe-drill or press-drill units. microSync IronClad IDC may NOT be applied through granular insecticide boxes or standard grain drills.
3. Be sure to clean tank/hopper, feed line, rotor, and calibration system thoroughly before filling with microSync IronClad IDC.

### GENERAL RECOMMENDATION FOR USE IN OTHER CROPS

**In-Furrow, Banded or Broadcast Application:** Apply 5-15 lbs/A of microSync IronClad IDC either alone or blended with other fertilizers. Fertilizer application type, rate and blends should be determined based on a soil test or previous experience with the crop and field. If the field has a history of iron deficiency an in-furrow application is recommended.

**Note:** Multiple variables affect the rate of application necessary to control or correct IDC. Environmental factors will influence the effectiveness of treatments/applications. For best results, follow good agronomic practices, soil test, use tissue analysis and consult with a regional agronomist when using this product.

### USE PRECAUTIONS KEEP OUT OF REACH OF CHILDREN

User assumes full responsibility to ensure product, equipment and plant compatibilities. PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED. CONSULT SAFETY DATA SHEET FOR FURTHER INFORMATION. In the event of a spill, clean-up promptly using trained personnel and pre-planned procedures.

### STORAGE AND DISPOSAL

Store in a cool, dry place. Keep container tightly closed and out of direct sunlight during storage for extended amounts of time. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Dispose of contents/container to an approved waste disposal plant.

To access Verdesian's Warranty Statement please go to [visci.com/limited-warranty](http://visci.com/limited-warranty)  
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>  
Manufactured by: Verdesian Life Sciences U.S., LLC | 1001 Winstead Drive, Suite 480, Cary, NC 27513 | Customer Service: 800-666-4766  
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