



A Nutripaction®  
Technology  
Product

# IRONCLAD IDC™

## microSync™

A VERDESIAN NUE SOLUTION™

**MicroSync IronClad IDC™ Granular Micronutrient Fertilizer** is for use in broad acre crops grown in high alkalinity soils to improve the availability of Iron and Zinc in field crops in order to help plants overcome Iron Deficiency Chlorosis (IDC). MicroSync IronClad IDC is designed to be applied in-furrow or can be applied in a band. This micronutrient formulation is a free flowing, low dust, and uniform granular fertilizer, which contains a unique combination of chelated and polymer protected nutrients for increased availability in calcareous soils.

### WHY MICROSINC IRONCLAD IDC?

- **MicroSync IronClad IDC** is formulated with a high percentage of Ortho-Ortho EDDHA Iron, which aids in overcoming IDC in high pH crops including soybeans
- **Verdesian Polymer Technology** help to synergize micronutrient availability for plant uptake
- **Nutripaction® Technology** — Uniformly blended combinations of finely divided particles compacted together produces homogeneous granules consistent in particle size and analysis. In the soil, Nutripaction granules are activated by soil moisture creating millions of particles within the root zone for conversion and uptake
- **Specific nutrient formulation** designed for high pH soils, delivering chelated Iron and Zinc to help deliver a balanced nutritional program for your crop
- **Formulated with a higher spread rate**, which provides more particles per linear foot in the furrow for increased root intercept of the provided micronutrients. The **bulk density** of MicroSync IronClad IDC is 57 lbs. per cu ft.

### DIRECTIONS FOR USE:

MicroSync IronClad IDC is intended as part of a complete management program for reducing IDC in broad acre crops. MicroSync IronClad IDC is recommended for use as an in-furrow, soil-applied fertilizer at planting time. Broadcast applications of MicroSync IronClad IDC are not recommended. Mixing or blending with other fertilizer materials is not recommended.

### Amount of MicroSync IronClad IDC per Acre will provide “x” lbs of nutrient per acre

	5 Lbs/Acre	10 Lbs/Acre	15 Lbs/Acre
EDDHA Chelated Iron	0.06	0.12	0.18
Total Iron	0.13	0.25	0.38
Total Zinc	0.05	0.10	0.15
Total Sulfur	0.20	0.40	0.60

### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	2.00%
2.00% Ammoniacal Nitrogen	
Sulfur (S) .....	4.00%
Iron (Fe).....	2.50%
1.20% EDDHA Chelated Iron (Fe)	
0.35% Citric Acid Chelated Iron (Fe)	
Zinc (Zn) .....	1.00%
0.15% EDTA Chelated Zinc (Zn)	
0.35% Citric Acid Chelated 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

### APPLICATION RATES PER ACRE:

**MILD** deficiency 5 lbs.

**MODERATE** deficiency 10 lbs.

**SEVERE** deficiency 15 lbs.

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Note: Multiple variables effect the rate of application necessary to control or correct IDC. For best results, follow good agronomic practices, soil test, use tissue analysis and consult with a regional agronomist when using this product. Application equipment should be calibrated to insure targeted rates of application. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> MicroSync IronClad IDC is a trademark and Nutripaction is a registered trademark of Verdesian Life Sciences. Important: Always read and follow label use directions. © 2019 Verdesian Life Sciences. All rights reserved. VLS 18.0538

