



A Nutripaction®  
Technology  
Product



# MicroSync Ultra™

**MicroSync Ultra™ Granular Micronutrient Fertilizer** is formulated for use in broad acre crops and designed to be blended with NPK granular fertilizer programs. This combination micronutrient formulation is a free flowing, low dust, and uniform granular fertilizer, which contains a unique combination of Sulfates and Sucrates for enhanced microbial activity and bioavailability. MicroSync Ultra boosts soil fertility programs by providing a superior balance of nutrients precisely formulated to prevent or correct micronutrient deficiencies.

### WHY MICROSUNC ULTRA?

- **MicroSync Ultra contains Humic Acids**, which are important chelating agents, combining minerals into organic compounds that are more available to plants
- **Verdesian Polymer Technology** and carboxylates synergize micronutrient and sulfur 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
- **Balanced nutrient formulations** designed with your crop in mind, delivering three critical micronutrients and sulfur, with the addition of Humic Acids
- **Ideal for blending** with NPK fertilizers with an ideal spread pattern at 10-40 lbs. per acre
- **Matches particle size and bulk density** of most dry fertilizers for a more uniform distribution of critical nutrients

### DIRECTIONS FOR USE:

MicroSync Ultra is intended for use in mixing or blending with other fertilizer materials. This product is recommended for correction of multiple deficiencies, as determined by tissue analysis and soil testing, on any agricultural or horticultural crop where a deficiency of Boron, Manganese and/or Zinc may exist. When deficiencies exist, use the following table or consult your local agricultural extension professional or your local professional consultant. This product is for soil application only.

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

	10 Lbs/Acre	20 Lbs/Acre	30 Lbs/Acre	40 Lbs/Acre
Sulfur	0.75	1.50	2.25	3.00
Zinc	0.50	1.00	1.50	2.00
Manganese	0.40	0.80	1.20	1.60
Boron	0.10	0.20	0.30	0.40



### GUARANTEED ANALYSIS:

Calcium (Ca) .....	5.0%
Sulfur (S) .....	7.5%
Boron (B) .....	1.0%
Manganese (Mn) .....	4.0%
Zinc (Zn) .....	5.0%

Derived from: Ammonium Sulfate, Calcium Sulfate, Sodium Borate, Manganese Sucrate, Manganese Sulfate, Zinc Sucrate and Zinc Sulfate

### CONTAINS NON-PLANT FOOD INGREDIENT

10% Humic Acid  
Derived from: Leonardite

### APPLICATION RATES PER ACRE:

- MILD** deficiency 5-15 lbs.
- MODERATE** deficiency 20-30 lbs.
- SEVERE** deficiency 35-50 lbs.

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein.

NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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### Tomorrow's Science Delivering Today's Returns

**WARNING!** Excessive amounts of Boron may cause injury to crops. This product is intended for use in further blending with agricultural grade fertilizers and should be applied evenly. 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 Ultra is a trademark and Nutripaction is a registered trademark of Verdesian Life Sciences.  
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