

Zicron® Foliar

ZINC BIONUTRITION

Enhances photosynthesis with complexed organic matter (COM) and nutrient chelators, increasing leaf penetration and movement throughout the entire plant. The addition of manganese addresses the hidden hunger common with zinc deficiencies, amplifying the response for immediate relief of symptoms.

GUARANTEED ANALYSIS

Sulfur (S) 3.0%
 Manganese (Mn)..... 1.0%
 Zinc (Zn)..... 6.0%

Derived from: manganese sulfate and zinc sulfate.

Net Weight

10.8 lbs per Gallon @ 68°F



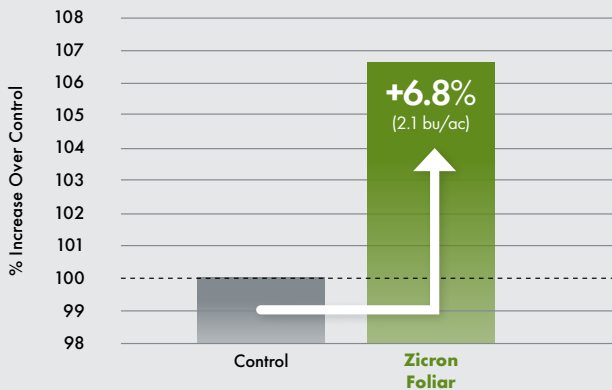
Essential to Improve

- Enzyme Activation for Early Season Growth
- Leaf Size & Stem Elongation
- Protein & Carbohydrate Production
- Natural Defense Response

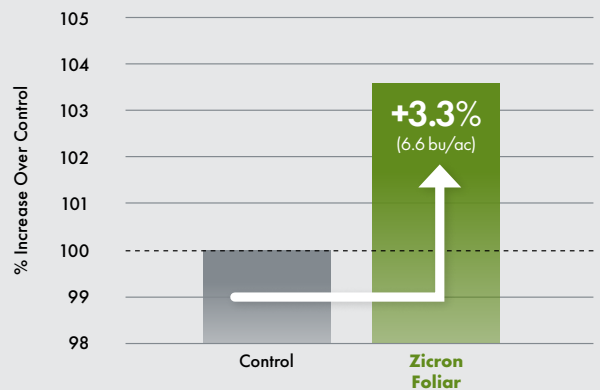
Formulation Advantages

- Increases Nutrient Mobility in Plant Tissue
- Maximizes Foliar Penetration
- Increases Phloem Mobility
- Low pH (3) Increases Tank Compatibility

Zicron Foliar Increases Yield in Soybeans



Zicron Foliar Increases Yield in Corn



Zicron[®] Foliar

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NUTRITIONAL INFORMATION

Zinc

Zinc is an essential constituent of several important enzyme systems and affects many metabolic processes in the plant. Zinc controls the synthesis of the important plant growth regulator indoleacetic acid, which is crucial for active growing tips and leaf enlargement. Zinc is crucial for stress mitigation and plays a key part of most antioxidant systems in the plant. It combines with copper to create the plant's most effective response to abiotic stresses.

Manganese

Manganese plays a key role in chlorophyll production. Because it is used to split the water molecule during photosynthesis it is essential for plant health. Manganese also activates more enzymes than any other nutrient. It is especially important in the production of proteins that are part of the plant's natural defenses against disease.

Sulfur

Sulfur plays a vital role in protein synthesis and is required for many plant functions, such as; photosynthesis, chlorophyll formation, and nitrogen fixation. When sulfur is deficient, plants become pale in color, growth is stunted, and maturity is delayed. Sulfur is a nutrient that is not easily translocated in plants, so visual deficiencies are typically found in the newer leaves of the foliage.

RATES, TIMING, & DIRECTIONS FOR USE

All Crops: Apply 1-6 pints/acre any time during the growing season. Repeat as needed. Use the higher rate with spray volume greater than 50 gallons per acre.

DO NOT spray in the heat of the day or when the plant is under moisture stress. DO NOT spray to the point of runoff. Use as fine of a spray mist as possible. Allow 3-4 hours after application before sprinkler irrigating to avoid washing the product off.

Recommended mixing sequence: water, adjuvants, pesticides, Valent BioSciences nutrient products, other fertilizers, balance of water while agitating. When mixing with high phosphate fertilizers, add a citric acid buffer until the pH is 4.5 to 5.0 to improve compatibility and uptake. Ensure agitation is available when mixing with calcium fertilizers. A standard jar test is recommended before tank mixing.

See label for complete Directions for Use.