

Zicron® Foliar

ADVANCED ZINC NUTRITION

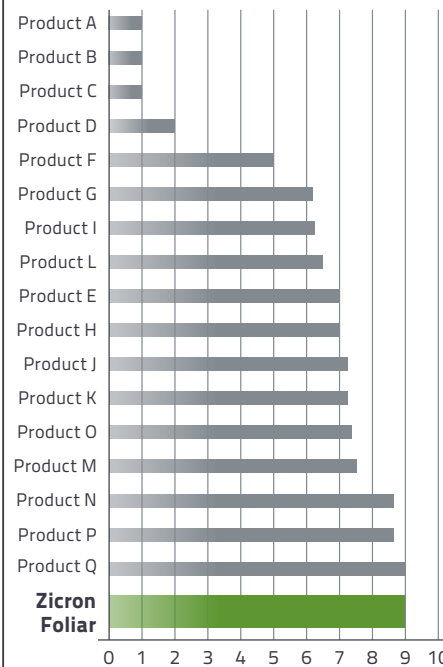


Zicron® Foliar is a premium, foliar-applied zinc and manganese product built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that contains highly efficient zinc for highly mobile uptake within the plant for lasting symptom correction. Zicron Foliar is designed to resolve zinc and manganese deficiencies in all crops including tree nuts, vineyards, fruit, vegetable, grain, and forage crop. When combining zinc with manganese, these nutrients counteract little leaf, shortened internodes, rosetting, and chlorosis.

- Improves Chlorophyll Production
- Resolves Zinc Chlorosis
- Balances Zinc with Manganese
- Resolves Little-Leaf & Rosetting Symptoms
- Improves Leaf Size
- Improves Frost Tolerance
- Greater Bud Fruitfulness
- Improves Plant Health & Quality

EFFECTIVENESS RATING

Various Commercial
Zinc Foliar Fertilizers



Research Conducted by Dr. Patrick Brown at UC Davis.
Zicron Foliar was previously named Zicron®-F.

Zicron® Foliar

TECHNICAL INFORMATION

The nutrient and organic compounds in Zicron® Foliar address zinc and manganese deficiencies commonly present in many soils.

Importance of Manganese in Plants

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.

Importance of Zinc in Plants

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. When zinc is deficient, terminal growth areas are the first areas to be impacted. Zinc is crucial for stress mitigation and 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. Zinc is also critical in bud differentiation, making it important for long-term productivity in vineyard and orchard crops.

RECOMMENDATION & COMPATIBILITY

For applications on all crops apply 1 to 6 pints per acre any time during the growing season. Use the higher rate with spray volume greater than 50 gallons per acre. May be applied in combination with other FBSciences' products such as PhotoGreen® Foliar and Copron® Foliar. Repeat as needed.

Zicron Foliar mixes well with most other liquids and wettable. Tank mix compatibility is impacted by water quality which may vary by location. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences 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 product label for complete Directions For Use.

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
1.3 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

