

MicroBlend Foliar™ Zn-Mn-B



ADVANCED MULTI-MICRONUTRIENT NUTRITION



MicroBlend Foliar™ Zn-Mn-B is a premium, foliar-applied zinc, manganese, and boron product built with a proprietary blend of FBS Transit®, our patented technology, promote the rapid uptake, absorption and translocation of nutrients within the plant to mobilizes these nutrients in the leaves to increase leaf size, support chlorophyll formation and photosynthesis. MicroBlend Foliar Zn-Mn-B is designed to resolve the common micronutrient deficiencies in all crops and is specially formulated to supplement common in-season micronutrient demands in corn, soybeans, orchards, vineyards, vegetable, or row crops.

- Resolves Flashing Due to Herbicides
- Resolves Chlorosis
- Resolves Little Leaf & Rosetting
- Improves the Growth Rate of Plants
- Improves Pollination Success
- Improves Net Photosynthesis

MicroBlend Foliar Zn-Mn-B Resolves Nutrient Deficiencies



Soybean Leaf
with Symptoms of
Glyphosate Flashing



Healthy
Soybean Leaves

Symptoms of Nutrient Deficiency include:

- Intervenial Chlorosis on New Leaves
- Little Leaf & Rosetting on New Leaves
- Growth Rate Slows after Herbicide Application
- Poor Pollination

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TECHNICAL INFORMATION

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.

Importance of Manganese in Plants

Manganese serves as an activator for enzymes in plant growth processes. It assists zinc in many plant functions such as chlorophyll formation. Manganese plays an important role in several of the plant's natural defense mechanisms to biotic and abiotic stress.

Importance of Boron in Plants

Boron is an immobile element that is essential in the synthesis of structural carbohydrates in the cell wall which promotes cell wall formation and strengthening. It is crucial for stages of rapid growth within the plant, such as pollination, seed production, and protein formation. It preserves the production and concentration of auxins, and is therefore vital in the formation of all new growth including roots, stems, leaves, flowers, fruit, and the vascular system. Boron also supports a balance between sugar and starch, and translocation of water and nutrition within the plant.

ESSENTIAL ON A WIDE VARIETY OF CROPS



GUARANTEED ANALYSIS

Sulfur (S)	3.0%
3.0% Combined Sulfur	
Boron (B)	0.5%
0.5% Water Soluble Boron	
Manganese (Mn)	3.0%
3.0% Water Soluble Manganese	
Zinc (Zn)	3.0%
3.0% Water Soluble Zinc	

Derived from: boric acid, manganese sulfate, and zinc sulfate.

Net Weight

10.6 lbs per Gallon @ 68° F
1.3 kgs per Liter @ 20° C

RECOMMENDATION & COMPATIBILITY

Orchards & Vineyards: Apply 1-4 quarts/acre at any growth stage. Use the higher label rates with spray volumes of 50 gal/acre or greater. Repeat as needed.

Field, Row, Vegetable & Fruit Crops: Apply 1-2 quarts/acre when there is sufficient leaf area to absorb the spray. Repeat as needed.

Sugar Beets: Apply 2-4 quarts/acre any time after 4th leaf. Repeat as needed.

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, 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.

