

MicroBlend Foliar Zn-Mn-Cu

AN ADVANCED MULTIPLE MICRO-NUTRIENT FORMULATION

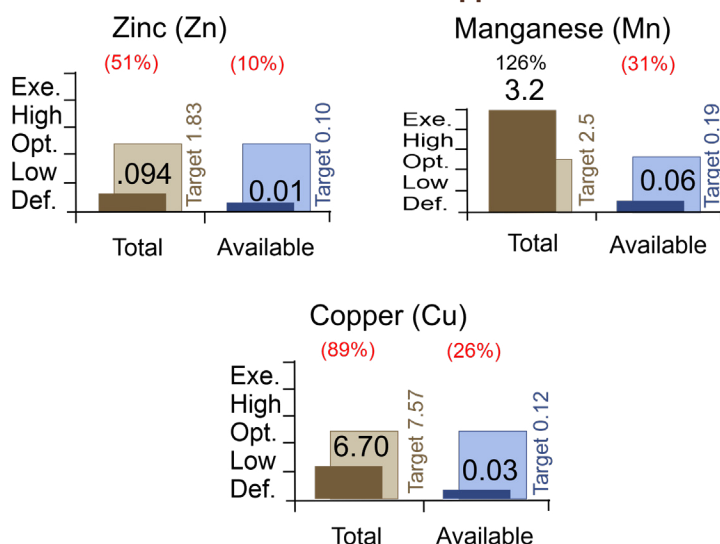


MicroBlend Foliar is a premium, foliar-applied zinc, manganese and copper product built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that together deliver highly efficient nutrients within the plant. MicroBlend Zn-Mn-Cu is designed to resolve common micronutrient deficiencies in all crops and specially formulated to resolve common springtime, summer and fall deficiencies in orchards, tree nuts, and vineyards. Balanced fertility management is important to ensuring optimal growth, fruit production and quality.

- Improves Fruit Size, Weight, & Quality
- Improves Root & Trunk Recovery After Harvest on Permanent Crops
- Resolves Little Leaf, Rosetting, Chlorosis & Bending of Leaves
- Resolves Problems of Alternate Bearing Years
- Resolves Irregular Bark & Seed or Kernel Development

MicroBlend Foliar Zn-Mn-Cu Feeds The Hidden Hunger in Nearly Every Crop Grown in the West

Micronutrients (ppm)



In the last five years, extensive soil testing on west coast crops has proven that zinc, manganese, and copper are universally low. This product has wide applicability across many crops grown in the western USA. What sets MicroBlend Foliar Zn-Mn-Cu apart from other products is the mobility of the nutrients making them more efficient and available to the plant.

MicroBlend Foliar™ Zn-Mn-Cu

TECHNICAL INFORMATION

Importance of Zinc in Plants

Zinc is an essential constituent of several important enzyme systems in the plant. It controls the synthesis of indoleacetic acid, an important plant growth regulator that's crucial for active growing tips. Terminal growth areas are affected first when zinc is deficient. Zinc is the most deficient micronutrient in western soils. Deficiency is most common in neutral or alkaline pH soils that are sandy, low in organic matter content (including cut areas) or are high in available phosphorus. Zinc is crucial for normal sized leaves and internodes, plus adequate chlorophyll density. Therefore, it is very important for maintaining the photosynthetic potential of the plants. On permanent crops it also plays a key role in bud fruitfulness.

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 Copper in Plants

Copper is an essential part of several important enzyme systems in the plant. It's important in the synthesis of lignin and protein. Deficiencies can manifest as twisted leaves, stunted growth, poor pigmentation of leaves and fruit, twisting of the bark and irregular development of shells and kernels on nut crops. Deficiency is most common in neutral or alkaline pH soils that are sandy, low in organic matter content.

GUARANTEED ANALYSIS

Sulfur (S)	3.0%
Copper (Cu)	1.0%
Manganese (Mn)	3.0%
Zinc (Zn)	3.0%

Derived from: zinc sulfate, manganese sulfate, and copper sulfate.

Net Weight

10.7 lbs per Gallon @ 68° F

1.3 kgs per Liter @ 20° C

RECOMMENDATION & COMPATIBILITY

For orchards and vineyards apply 1 to 4 quarts per acre in spring at any time after leaf out. DO NOT apply these higher rates with crop oil concentrates. For ground applications, use a final spray volume of 10 to 200 gallons per acre. Use the higher label rates with spray volumes of 50 gallons per acre or greater. For aerial applications, use a final spray volume of 3 to 20 gallons per acre. Repeat as needed. For applications on all other crops apply 1 to 4 quarts per acre any time during growing season. Repeat as needed.

MicroBlend Foliar Zn-Mn-Cu is compatible with a wide range of nutrient and pesticide solutions and may be applied as a tank mix solution. A standard quart jar test is always recommended before tank mixing other materials. Adjusting the final spray tank to 4.5 with FBS Harmony or with a citric acid buffer can improve compatibility and enhance uptake required when mixing with calcium fertilizers.

MicroBlend Foliar Zn-Mn-Cu should be applied as a foliar spray. Spray in the late evening or early morning. DO NOT spray in the heat of the day. DO NOT spray when the plant is under moisture stress. Use as fine of a spray mist as possible. DO NOT spray to the point of runoff. Allow 3-4 hours after application before sprinkler irrigating to avoid washing the product off.

See product label for complete Directions For Use.

