

MICRONUTRIENTS

Nutritional boost for your crops



Monty's secondary and micronutrients are designed to supplement traditional nutrient management programs and to assist in addressing specific micronutrient deficiencies.

Each formula is designed to overcome specific plant stresses associated with nutrient uptake. By applying these foliar or soil applied micronutrients you can address deficiencies rapidly to speed recovery and reduce yield drag.

- **Boron** for protein synthesis, cell division and root development
- **CoMoB** a unique blend of Cobalt (CO), Molybdenum (MO), and Boron (B)
- **Copper** activates plant enzymes required in growth process
- **Iron** for the prevention and correction of iron chlorosis in all crops
- **Magnesium** activates plant enzymes required in growth process
- **Manganese** essential for cell oxidation and sugar absorption
- **Molybdenum** supplement to a regular fertilization program to prevent and correct deficiencies
- **Zinc** increases availability of Calcium (Ca) and Phosphorus (P)

For more information, contact your sales representative, visit montysplantfood.com, or call 800.978.6342.



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BORON (B)

For Protein Synthesis, Cell Division, and Root Development

- Moves plant sugars up and down the plant daily
- Is essential for germination of pollen grains and growth of pollen tubes, and for seed and cell wall formation
- Forms sugar-borate complexes associated with sugar translocation and is important in protein formation
- Available in 10% concentration

ACTIVE INGREDIENTS

Boron (B) 10%
10% Water Soluble Boron
Derived from Boric Acid

CoMoB

Cobalt (Co), Molybdenum (Mo), and Boron (B)

A unique blend of micronutrients geared for maximizing plant growth

- Boron supports plant structure
- Molybdenum supports Nitrogen fixation in legumes
- Cobalt is important for growth and metabolism

ACTIVE INGREDIENTS

Boron (B) 0.50%
Cobalt (Co) 1.75%
1.75% Chelated Cobalt
Molybdenum (Mo)..... 3.00%
3% Chelated Molybdenum
Derived from Boric Acid, Cobalt EDTA,
and Molybdenum EDTA

COPPER (Cu)

Activates Plant Enzymes Required in Growth Process

- Necessary to chlorophyll formation in plants
- Catalyzes several other plant reactions
- Helps avoid sickly plants and failure to flower

ACTIVE INGREDIENTS

Nitrogen (N) 4.0%
4.0% Ammoniacal Nitrogen
Copper (Cu)..... 7.5%
7.5% Chelated Copper
Derived from Copper Diammonium EDTA

IRON (Fe)

For the Prevention and Correction of Iron Chlorosis in All Crops

- A catalyst to chlorophyll formation
- Acts as an oxygen carrier
- Helps for certain respiratory enzyme systems

ACTIVE INGREDIENTS

Iron (Fe) 4.5%
4.5% Chelated Iron
Derived from Iron EDTA

For Micronutrient application rates, visit montysplantfood.com or contact your Monty's representative.



MAGNESIUM (Mg)

Activates Plant Enzymes Required in Growth Process

- Essential for photosynthesis
- Activator for many plant enzymes required in growth processes
- Acts as a carrier of phosphorus in the plant
- Necessary for protein formation and in cell division

ACTIVE INGREDIENTS

Magnesium (Mg) 2.5%
2.5% Water Soluble Magnesium
Derived from Magnesium EDTA

MANGANESE (Mn)

Essential for Cell Oxidation and Sugar Absorption

- Assists in chlorophyll production
- Affects lignin-building and is critical in preventing lodging/disease
- Accelerates germination and maturity, while increasing P and Ca
- Activates several important metabolic reactions and plays a direct role in photosynthesis by aiding chlorophyll synthesis
- Functions primarily as part of the enzyme systems in plants
- Also available with Iron (Fe). Contact your representative for more information

ACTIVE INGREDIENTS

Manganese (Mn) 6%
6% Chelated Manganese
Derived from Manganese EDTA

MOLYBDENUM (Mo)

Supplement to a Regular Fertilization Program to Prevent and Correct Deficiencies

- Vital for the process of symbiotic nitrogen (N) fixation by rhizobia bacteria in legume root nodules
- Is needed to convert inorganic P to organic forms in the plant
- Is required for the synthesis and activity of enzymes

ACTIVE INGREDIENTS

Molybdenum (Mo) 10%
10% Water soluble Molybdenum
Derived from Sodium Molybdate

ZINC (Zn)

Increases Availability of Calcium (Ca) and Phosphorus (P)

- Improves assimilation of CO₂ in photosynthesis
- Improves the plant's metabolism and uptake of nitrogen
- Chelated for rapid absorption and utilization
- Aids synthesis of plant growth substances and enzyme systems
- Is essential for promoting certain metabolic reactions

ACTIVE INGREDIENTS

Zinc (Zn) 9%
9% Chelated Zinc
Derived from Zinc EDTA