

AgriGuardian MicroMix Complete™ is a proprietary plant nutrient formulation containing all essential plant micronutrients required by every crop. The product is formulated using compounds that are readily absorbed through plant leaves, shoots, roots and reproductive structures. The balanced nutrient composition is based on the needs of most crops. MicroMix Complete™ is highly concentrated and only a small amount is needed. When properly used it promotes higher yields wherever micronutrients are limiting crop performance.

GUARANTEED ANALYSIS

Boron	0.20%
Chlorine	0.05%
Cobalt	0.005%
Copper	0.80%
Iron	1.20%
Manganese	1.20%
Molybdenum	0.04%
Nickel	0.04%
Zinc	1.20%

DERIVED FROM: Sodium Borate, Ferric Chloride, Cobalt Sulfate, Copper Glucoheptonate, Iron Glucoheptonate, Manganese Glucoheptonate, Sodium Molybdate, Nickel Nitrate, and Zinc Glucoheptonate.

How to use MicroMix Complete™

MicroMix Complete's™ micronutrients are chelated with sugar-based organic compounds. This allows rapid absorption of the nutrients by the plant, making the nutrients immediately available for plant use.

MicroMix Complete™ can be applied many ways to crops:

- Foliar Spray used alone or tank mixed with most other fertilizers and pesticides (including with glyphosate to prevent micronutrient tie-up and “yellow flash”).
- Irrigation Systems, used alone or mixed with most other fertilizers and pesticides.
- Starter Solutions used alone or mixed with most other fertilizers and chemicals.
- Soil Application used alone or mixed with most other fertilizers and chemicals.
- Nutrient Solutions for hydroponics and greenhouse house production, used alone or mixed with most other fertilizers and chemicals.

The Science Behind MicroMix Complete™

The availability of micronutrients for uptake in the soil is heavily dependent on conditions at the root surface where the nutrients are actually taken into the plant. Organic acids, pH changes, nutrient balances and several other factors can change the quantity of micronutrients that plant roots can take up. Most micronutrients are poorly mobile inside the plant. This means that once the nutrients are within the plant cells as part of the leaves, stems and roots, they do not readily move from these cells to new growth. This is why micronutrient deficiency symptoms most often occur in new leaves, and not in older leaves.

To prevent micronutrient deficiencies, a regular supply of micronutrients must be available from the soil or growing media, or additional applications of the micronutrients must be made to the crop. The most effective way of getting micronutrients into a growing plant beginning in late spring and throughout the summer is to foliar apply nutrients in a readily absorbed form as found in AgriGuardian MicroMix Complete™.

Micronutrients are often the first nutrient deficiencies to limit a crop's potential performance. MicroMix Complete™ is an economical and efficient way to increase yields and profits, by providing the essential micronutrients needed by most crops.

Why use MicroMix Complete™?

- MicroMix Complete™ is one of the most cost effective and efficient complete micronutrient products on the market today.
- The product was also designed to be compatible in tank mixes with most chemistries including glyphosate and glufosinate.
- Provides all essential micronutrients required for most crops in an easy to use, convenient blend.
- Provides micronutrients that can be taken up rapidly through leaves, stems and roots to quickly correct deficiencies.
- Increases vigor, health, size and quality of crops.
- MicroMix Complete™ stimulates plants' natural defenses (e.g. formation of salicylic acid) to prevent or reduce the severity of many diseases.
- Replenishes micronutrients tied up by glyphosate use and prevents “yellow flash” in all Roundup Ready® crops.

In tests of MicroMix Complete™ on wheat, baseline protein content of 12% was increased on average to 12.5% with no additional applied nitrogen.