

# Multi-purpose Micronutrients

*Science-Driven Nutrition<sup>SM</sup>*

Agro-K's Multi-Purpose Micronutrients is a balanced blend of seven lingo-sulfonate chelated micronutrients designed to correct and/or prevent micronutrient deficiencies. Multi-Purpose Micronutrients contains: sulfur, iron, zinc, manganese, copper, boron and molybdenum. Trace elements regulate and manage a wide range of metabolic processes within plants. Deficiencies of any one or more elements can negatively affect plant growth and production as well as plant health and fruit quality.

Mutli-Purpose Micronutrients is a versatile blend that can be used in soil and foliar applications. As with all Agro-K foliar products, Mutli-Purpose Micronutrients is manufactured for rapid uptake and absorption through plant tissue and stomata. When used in the soil, availability is also excellent.

## Guaranteed Analysis

Sulfur (S)	2.60%
Iron (Fe)	1.00%
Zinc (Zn)	1.00%
Manganese (Mn)	0.48%
Boron (B)	0.32%
Copper (Cu)	0.16%
Molybdenum (Mo)	0.04%

## Derived From

Ligno Sulfonic Acid, Ferric Sulfate, Zinc Sulfate, Manganese Sulfate, Boric Acid, Copper Sulfate, Sodium Molybdate

## Availability

1, 5, 55 and 250 gallon and bulk

## Directions For Use

Foliar: Apply 1 to 3 quarts per acre (2.5 to 7.5 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 5 quarts per acre (5 to 12.5 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS



**Suggested Uses**

**Tomatoes, Peppers, Cucumbers**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) pre-plant during soil preparation or through the drip tape. Application can be repeated every 30 days as needed. Foliar: Apply 1-2 pints per acre (1 to 3 liters/hectare). Apply first application 14 days after transplanting, thinning or at the 4-5 true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

**Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) pre-plant during soil preparation or through the drip tape. Application can be repeated every 30 days as needed. Foliar: Apply 1-2 pints per acre (1 to 3 liters/hectare). Apply first application 14 days after transplanting, thinning or at the 4-5 true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

**Corn, Beans and Peas**

Soil: apply 1 to 8 pints per acre (1 to 10 liters/hectare) pre-plant during soil preparation or at planting time (do not mix directly with N-P-K fertilizers, but can be mixed and side-dressed with nitrogen). Foliar: Apply 1-4 pints per acre (1 to 5 liters/hectare) 3-4 weeks post emergence.

**Strawberries**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the drip tape. Foliar: Apply 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply the first application 14 days after transplanting or early spring for over-wintered plants. Reapply at 14 day intervals or as needed to supplement nutritional requirements.

**Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops**

Soil: Apply 1 to 6 pints per acre (1 to 8 liters/hectare). Apply during soil preparation time or at planting. Foliar: 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply 2-3 weeks post emergence and at any subsequent time as needed to supplement nutritional requirements.

**Almonds, Walnuts and Other Nut Crops**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

**Plums, Peaches, Cherries and Other Stone Fruits**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

**Apples, Pears and Other Pome Fruits**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

**Citrus and Avocados**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply every 4-6 months as needed.

**Grapes**

Soil: apply 1 to 2 pints per acre (1 to 3 liters/hectare) through the irrigation system at first irrigation or band spray during early spring. Foliar: If needed to correct deficiencies, apply first application two-three weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

**Raspberries, Blackberries and Other Caneberries**

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system at first irrigation or band spray during early spring. Foliar: Apply 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

