

AXILO® Mix 5

SOLUBLE MICROGRANULES

GUARANTEED ANALYSIS

Magnesium (Mg)	6.0%
3.0 % chelated Magnesium (Mg)	
Boron (B)	0.5%
Copper (Cu)	1.5%
1.5% chelated Copper (Cu)	
Iron (Fe)	4.0%
4.0% chelated Iron (Fe)	
Manganese (Mn)	4.0%
4.0% chelated Manganese (Mn)	
Molybdenum (Mo)	0.1%
Zinc (Zn)	1.5%
1.5% chelated Zinc (Zn)	

Derived from Copper EDTA, Iron EDTA, Magnesium EDTA, Magnesium Oxide, Manganese EDTA, Zinc EDTA, Sodium Molybdate and Boric Acid

GENERAL INFORMATION

Axilo Mix 5 is designed to be used as a supplement to standard fertility programs for the maintenance of micronutrient levels in plant structures or for the correction of known or suspected deficiencies.

Axilo Mix 5 can be applied on all agricultural, horticultural, and ornamental crops that require and respond to nutritional supplements.

Axilo Mix 5 is compatible with a wide range of fertilizers and pesticides.

GENERAL USAGE PRECAUTIONS

Axilo Mix 5 should be applied at a time when the particular crops being treated are most responsive to micronutrient treatment.

Axilo Mix 5 gives the best results when crops have adequate supplies of water or major nutrients.

A compatibility jar test should be performed before mixing **Axilo Mix 5** with phosphorous fertilizers.

WARNING:

This product contains a chemical (or chemicals) known to the State of California to cause cancer and birth defects or other reproductive harm.

This product contains Boron (B) and may be harmful to certain crops. Use only according to manufacturer's directions."

This product contains Molybdenum (Mo). Crops high in Molybdenum can be toxic to ruminant animals. Use only according to manufacturer's directions.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin, and clothing.

DIRECTIONS FOR USE - *Soil Application*

1. Apply to the soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation.
 - a. When applied as a powder, it must be washed in within 4 hours of treatment.
 - b. Sprays should be applied in a volume of water which ensures adequate wetting of the soil.
 - c. Soil injections should be no more than 3 feet apart.

2. Application Rates:

Tree Crops (including but not limited to citrus, stone fruit, and apples). Apply the recommended rate of **Axilo Mix 5** evenly to the whole area beneath the branch spread of the tree or bush. Wash the product into the root zone by flooding or irrigation.

- I. Small fruit trees (5-10 ft) - apply 0.5 ounces per tree for slight deficiency, and 1.5 ounces per tree for severe deficiencies.
- II. Medium fruit trees (10-15 ft) apply 1.5- ounces per tree for slight deficiency, and 2.5 ounces per tree for severe deficiencies.
- III. Large fruit trees (taller than 15 ft) apply 3.5 ounces per tree for slight deficiency and 7 ounces per tree for severe deficiencies

Fruit Bushes: apply 0.5 ounces/bush for slight deficiency and 1.0 oz/bush for severe deficiencies.

Small Fruit Crops: crops that are treated on a broadcast basis such as grapevines and strawberries used a rate of 4 lbs/acre

Field, Row and Vegetable Crops: apply 2.0-9.0 pounds per acre by sprayer and cultivate into the soil immediately after spraying. If spraying is not possible, **Axilo Mix 5** can be diluted with sand or fertilizers and spread evenly by hand or fertilizer spreader

Ornamentals, Roses and Flowers:

- I. Roses and container grown nursery plants-apply 0.5 oz/plant (0.25 oz for recently planted stock) for slight deficiency and 1.0 oz/plant (0.5 oz for recently planted stock) for severe deficiencies.
- II. Azalea, Camellias, magnolias, and rhododendrons - apply 0.5 oz/plant for slight deficiency, and 1.0 oz /plant for severe deficiencies.
- III. Annual and perennial flowers - apply 0.1 oz /plant for slight deficiency and 0.25 oz/plant for severe deficiencies. Apply as a spray between the rows and cultivate into the soil early in the season. Irrigation after application is recommended.

Greens: Apply **Axilo Mix 5** at 1/2 lb per acre (43,650 sq ft) in a minimum of 150 to 200 gallons of water. **Axilo Mix 5** at 1/2 lb in 150 to 200 gallons of water will cover approximately six average greens. Best results will be seen when **Axilo Mix 5** is applied in early spring when greens are actively growing. Four or more applications can be made at monthly intervals to maintain color and vigor. Applications should always be made late in the evening or early in the morning to reduce potential for phytotoxicity.

Fairways and Lawns: Apply **Axilo Mix 5** at 1 lb per acre in a minimum of 40 gallons of water. Use three or more applications per year to maintain fine healthy turf.

DIRECTIONS FOR USE - *Foliar Application*

Symptoms of micronutrient deficiencies can be alleviated by foliar spraying of **Axilo Mix 5**:

1. DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best.
2. DO NOT apply to trees bearing mature fruit until it has been determined that this product will not damage or mark the fruit in anyway

3. Application Rates:

Horticultural Crops: including, but not limited to, citrus, grapes, apples, pears, vegetables, stone fruit, apply 0.5-1.0 pounds per acre and apply for complete coverage of the foliage. Repeat application if necessary, after 7-21 days.

Open Field Crops (cereals, soybean, cotton): apply 1.0-1.5 pounds per acre, at 7-21 day intervals until deficiency symptoms disappear.

I. Maintenance - Apply 0.25 to 0.5 pound per acre at the vegetative growth stage, then every 14 to 21 days.

II. Moderate Deficiency - Apply 0.5 to 0.75 pound per acre every 14 to 21 days until deficiency symptoms disappear.

Note: Foliar applications of any salt or chelate under conditions of temperature and high light intensity may cause slight leaf scorch. Stone fruits appear to be the most susceptible. For these crops, do not exceed a rate of 0.5 lb per acre.

DIRECTIONS FOR MIXING

1. When making solutions of this product for soil or foliar application, DO NOT premix with a small amount of water. Add this product directly to water in the tank slowly under good agitation . Continue stirring for several minutes until fully dissolved.
2. Dissolve product into a convenient amount of water, consistent with the type of sprayer used.
3. Choose a water volume necessary to achieve uniform coverage with little or no run-off.
4. Spray nozzles should produce a fine mist.
5. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best.
6. If rainfall occurs within several hours after application, the crop may require re-spraying 3 to 4 days later.

TANK MIXES:

1. If the product is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If applied in conjunction with chemicals which contain their own wetting agent, then the addition of a wetting agent may not be necessary.
2. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the effect of wetting agents on their herbicide (many wetting agents tend to destroy the selectivity of hormone type weed killers).

CAUTIONARY STATEMENTS

1. This product has been determined to be hazardous in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication).
 - a. Handle and use this product in accordance with good industrial hygiene safety practices which includes:
 - I. Avoid unnecessary exposure to dusts and sprays.
 - II. Avoid ingestion of product or spray solutions.
 - III. Avoid inhalation of dusts and sprays.
 - IV. Avoid eye and unnecessary skin contact.
 - b. Store away from children, pets, livestock, food, and water sources.
 - c. Wash hands before meals and after work.
2. Store in a cool, dry storage area away from strong sunlight. There will be no loss of effectiveness if allowed to become damp.

3. Store any unused material in original, sealed container.
4. In case of spill, confine material and handle in accordance with Federal, State, and Local regulations.
5. Dispose of any waste material and container in accordance with Federal, State, and Local Regulations.
6. DO NOT re-enter area without protective clothing until dusts have settled or sprays have dried.

CLEANING OF SPRAYER

Flush with clean water all parts of the sprayer including the pump, hoses and nozzles several times prior to and after the use of this product.

STORAGE INSTRUCTION:

Keep the product sheltered from the sun and in a dry warehouse.

CONDITIONS OF SALE

Seller warrants this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions and use. No one other than an officer of the seller is authorized to make any warranty, guarantee or direction concerning this product. Because time, place, rate of application and other conditions of use are beyond the seller's control, the seller's liability from handling, storage, and use of this product is limited to replacement of the product or a refund of the purchase price. It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, presence of other materials, the manner of application, or other factors, all of which are beyond the control of Nutrecology or the seller. All such risks shall be assumed by buyer.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>. Information concerning the raw materials composing the product in this container can be obtained by writing to Nutrecology, Inc., at the address below and referring to the lot/batch # on this container.

This product is manufactured to ISO 9001/14001/18001, EUREPGAP, Responsible Care and ICQF quality standards.

AXILO is a Registered Trademark and Nutrecology is a Trademark of VALAGRO S.p.A.

Produced and packed by **VALAGRO S.p.A.**, Zona Ind.le - 66040 Atessa (Ch) - ITALY

Distributed and guaranteed by **Nutrecology, Inc.**, 19500 SH 249 - Suite 245, Houston, TX 77070

NET WEIGHT 5 or 55 Lbs.

DO NOT SELL UNPACKED

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