

# ESSENTIAL MINOR ELEMENTS



## DRY NUTRITIONAL

For Shrubs, Trees, Lawns & Turf, and Flower & Vegetable Plants.

Corrects and Prevents Minor Element Deficiencies (yellowing foliage).

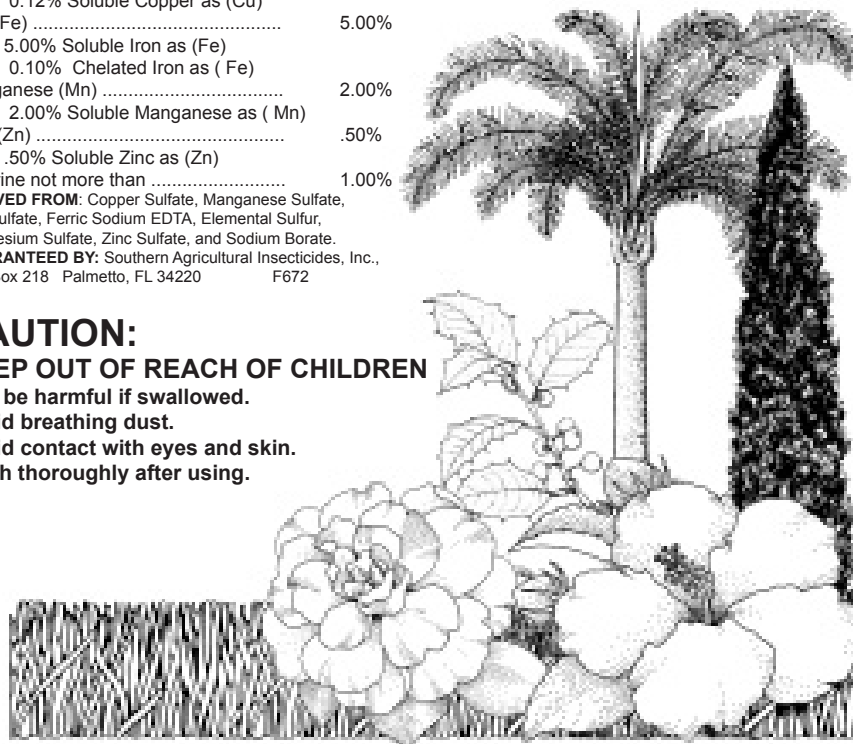
**MINIMUM GUARANTEED ANALYSIS:**

|                                       |       |
|---------------------------------------|-------|
| Magnesium (Mg) .....                  | 8.00% |
| 8.00% Water Soluble Magnesium as (Mg) |       |
| Sulfur (S) .....                      | 8.00% |
| 8.00% Free Sulfur ( S)                |       |
| Boron (B) .....                       | 0.03% |
| Copper (Cu) .....                     | 0.12% |
| 0.12% Soluble Copper as (Cu)          |       |
| Iron (Fe) .....                       | 5.00% |
| 5.00% Soluble Iron as (Fe)            |       |
| 0.10% Chelated Iron as ( Fe)          |       |
| Manganese (Mn) .....                  | 2.00% |
| 2.00% Soluble Manganese as ( Mn)      |       |
| Zinc (Zn) .....                       | .50%  |
| .50% Soluble Zinc as (Zn)             |       |

**Makes soil more acidic**

Chlorine not more than ..... 1.00%  
**DERIVED FROM:** Copper Sulfate, Manganese Sulfate,  
 Iron Sulfate, Ferric Sodium EDTA, Elemental Sulfur,  
 Magnesium Sulfate, Zinc Sulfate, and Sodium Borate.  
**GUARANTEED BY:** Southern Agricultural Insecticides, Inc.,  
 P.O. Box 218 Palmetto, FL 34220 F672

**CAUTION:**  
**KEEP OUT OF REACH OF CHILDREN**  
 May be harmful if swallowed.  
 Avoid breathing dust.  
 Avoid contact with eyes and skin.  
 Wash thoroughly after using.



**Southern Agricultural Insecticides, Inc.**  
 Palmetto, FL 34220 Hendersonville, NC 28793 Boone, NC 28607

# DIRECTIONS FOR USE

Apply this material evenly over treated areas by gloved hand or with fertilizer spreader. Apply to dry foliage. This is a concentrated product, granules may burn green foliage. In the lawn, Essential Minor Elements may temporarily burn damp blades of grass. It is important to water in the material after application. Use alone or with your favorite fertilizers. This product compliments most fertilizers.

**KEEP OFF SIDEWALKS, PORCHES AND ALL MASONRY AND PAINTED SURFACES OR SERIOUS STAINING WILL RESULT.**

## LANDSCAPES AND GARDEN USES

### **FLOWER BEDS, VEGETABLE GARDENS, SHRUBS, and TREES.**

Apply to garden areas or under branch spread to the drip line.

For **preventative** treatment, use 1/4 to 1/2 cup per 10 square feet or 1 1/4 to 2 1/2 lbs. per 100 square feet.

For **curative** treatment, use 1 cup per 10 sq. ft. or 5 lbs. (10 cups) per 100 sq. ft.

**POTTING SOIL:** Mix thoroughly with soil at the rate of 1 - 2 Tablespoons per 3 gallons bucket, 2 Tablespoons to 1/4 cup per 5 gallons (20 quarts) or 2.5 - 5 lbs. (10 cups) per cubic yard.

## TURFGRASS APPLICATIONS

**LAWNS & TURFGRASS:** use 1/4 - 1/2 lb. (1/2 - 1 cups) per 100 sq. ft. or 2 - 5 lbs. per 1000 sq. ft. with a spreader for even coverage. Be sure foliage is dry before application, then wash off or water in as soon as possible to avoid injury. Sweep material off of all driveways, sidewalks, and masonry surfaces before applying water. Repeat application when needed for outstanding color and vigor. do not apply more than 4 times per year.

## COMMERCIAL NURSERY APPLICATIONS

**SOIL INCORPORATION:** Mix thoroughly with soil at the rate of 2 - 4 lbs. per cu. yard. Vary rates on the needs of the plant species.

## **TOPDRESS CONTAINER RATES**

| Container Size    | Rate Essential Minor Elements       |
|-------------------|-------------------------------------|
| 1 gl.             | 4-8 grams                           |
| 3 gl.             | 8-16 grams                          |
| 5 gl. - 7 gl.     | 20-40 grams                         |
| 15 gl.            | 30-60 grams                         |
| larger containers | 10-20 grams per surface square feet |

### **Approximate Volume Measures:**

One Teaspoon = 5.7 grams

One Tablespoon = 17 grams

1/4 cup = 68 grams

