



# MICREL TOTAL 5-0-0

*With S, Mg, B, Cu, Fe, Mn, Mo, AND Zn*  
**A TOTAL LIQUID MICRONUTRIENT PACKAGE**

- **FOLIAR SPRAY TO CORRECT CHLOROSIS**
- **EIGHT CHELATED MICROS**

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) . . . . .	5%
5% Urea Nitrogen	
Magnesium (Mg) . . . . .	0.5%
0.5% Water Soluble Magnesium (Mg)	
Sulfur (S) Combined . . . . .	4%
Boron (B) . . . . .	0.02%
Copper (Cu) . . . . .	0.5%
0.5% Chelated Copper (Cu)	
Iron (Fe) . . . . .	6%
6% Chelated Iron (Fe)	
Manganese (Mn) . . . . .	0.5%
0.5% Water Soluble Manganese (Mn)	
Molybdenum (Mo) . . . . .	0.0005%
Zinc (Zn) . . . . .	0.5%
0.5% Chelated Zinc (Zn)	

Derived From: Ferrous Sulfate, Manganese Sulfate, Copper Sulfate, Zinc Sulfate, Magnesium Sulfate, Sodium Borate, Sodium Molybdate, Urea. Chelating Agent: Citric Acid.  
 Weight per gallon . . . . . 11.65 lbs.  
 Weight per litre . . . . . 1.39 kg

**PRODUCT DESCRIPTION:**

Micrel Total is a true solution containing eight chelated micronutrients used to correct deficiencies (chlorosis) in turf, trees, ornamentals and bedding plants. Micrel Total is completely miscible in water. The unique citrate / nitrogen chelate bond eliminates any flush growth or budding. All nutrients are available either by foliar or root feeding, and can be applied throughout the growing season with no concern of phytotoxicity. Micrel Total aids in resistance to disease, winter desiccation and tolerance to stress. Chlorotic plants will respond within 48 hours with a deeper, healthier green. Bentgrass turf will respond within 24 hours and maintain a residual green for 2 to 3 weeks. Micrel Total can be sprayed along with herbicide applications to reduce yellowing. Micrel Total is compatible with other technical materials.

**APPLICATION RATES:**

**Tees & Greens / Fairways & Lawns:** Micrel Total is best applied in early spring when turf is actively growing. Continue to apply 4 or more applications annually. Late fall application will improve winter hardiness and help prevent winter desiccation. Apply on Bent, Bermuda and Ryegrasses 2 to 3 ounces of Micrel Total per 1,000 sq. ft. of turf. For USGA spec tees and greens, apply 4 to 6 ounces per 1,000 square feet every 21 days during the growing season to improve stress tolerance and maintain color.

**CAUTION:** This is an acidic material. Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- **IMPROVES COLOR**
- **FOLIAR & ROOT ABSORBED**

**Trees & Ornamentals:** Proper maintenance of trees and ornamentals in high stress urban areas requires regular application of micronutrients. Nutrient deficient foliage can be corrected by foliar spraying; however, soil application should also be part of a regular maintenance program.

**Acid-Loving Plants:** Chlorosis is a common ailment of acid-loving plants, especially when soil pH is above 7 or below 5. Micrel Total can be used for foliar spray or root application and will supply all essential minor elements in their soluble forms for immediate uptake. Mix 1 - 2 ounces in one gallon for foliar spray or for soil drench. Use one gallon of Micrel Total in 200 gallons of water for foliar feeding of Rhododendrons, Azaleas, Camellias, Evergreens, Pin Oaks and White Pines. Thoroughly drench the leaves.

Trees, Shrubs & Ornamentals:	
<b>Foliar Spray:</b>	24 oz in 100 gallons of water (4-5 L in 400 L water)
<b>Soil Drench:</b>	Corrective: 3 ounces per inch of trunk DBH in 2 gallons of water. Thoroughly drench soil around area (90 ml per 8 L water)  Maintenance: 2 oz per inch of trunk DBH in 2 gallons of water (60 ml per 8 L water)

**BEDDING PLANTS & PERENNIALS:**

Micrel Total can be applied to Impatiens, Chrysanthemums, Geraniums and all plant materials to produce lush green leaves with no concern of phytotoxicity. Mix 3 oz. in 3-5 gal. of water and thoroughly spray plant.

**STORAGE & HANDLING:**

Micrel Total can be stored in normal warehouse areas. Dilution / **Mixing:** Dilute tank mix with water prior to adding Micrel Total. Never mix concentrate technical materials together, always dilute first with water. Be sure to read all labels carefully. Always provide sufficient water. Be sure each product is mixed well before adding next product. Do a jar test to assure compatibility.

Manufactured By:

