

# LESCO®

## High Manganese Combo Chelated Micronutrients

A blend of essential nutrients specifically designed to correct manganese deficiencies in turf and ornamentals.

### GUARANTEED ANALYSIS

<b>MAGNESIUM (Mg) Total</b> .....	1.00%
1.00% Water Soluble Magnesium (Mg)	
<b>SULFUR (S)</b> .....	5.75%
5.75% Combined Sulfur (S)	
<b>IRON (Fe) TOTAL</b> .....	3.00%
2.75% Chelated Iron (Fe)	
<b>MANGANESE (Mn) TOTAL</b> .....	4.00%
3.75% Chelated Manganese (Mn)	

**DERIVED FROM:** Magnesium Sulfate, Iron Sulfate, Iron Lignin Sulfonate, Manganese Sulfate and Manganese Lignin Sulfonate.

According to state law in Maryland, this product may not be applied at an application rate of more than 0.7 lbs. Nitrogen per 1,000 sq. ft.

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN.

**F1560**

# #082851

**NET CONTENTS:** 275 gal (1040.9 L)  
**NET WEIGHT:** 3355 lb (1521.8 kg)

LESCO is a registered trademark of  
LESCO Technologies, LLC.

### READ LABEL CAREFULLY

### KEEP OUT OF REACH OF CHILDREN WARNING

**HAZARD STATEMENTS:** Causes skin irritation  
Causes eye irritation. Harmful to aquatic life

#### PRECAUTIONARY STATEMENTS:

Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection  
IF ON SKIN: Wash with plenty of soap and water  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Specific treatment: See first aid on this label  
If skin irritation occurs: Get medical advice/attention  
If eye irritation persists: Get medical advice/attention  
Take off contaminated clothing and wash

**FIRST AID:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention if irritation occurs. In case of skin contact, flush skin with water. If irritation occurs, seek immediate medical attention. Remove and wash contaminated clothing before reuse. If swallowed, give large amounts of water and induce vomiting by touching back of throat with finger unless unconscious. Seek immediate medical attention.

**HANDLING AND STORAGE:** Minimize skin exposure. Store mini-bulks and smaller containers out of the sun in an area of moderate temperature. Do not re-use containers. Avoid containers, piping or fittings made of copper containing alloys or galvanized metal. Dispose of containers in accordance with local regulations and requirements.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.



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Distributed by  
LESCO, Inc.  
1385 East 36th Street,  
Cleveland, OH 44114-4114

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#### APPLICATION GUIDELINES

**LESCO High Manganese Combo Chelated Micronutrients** is compatible with many pesticide and fertilizer formulations. However, when working with new or unfamiliar products, it is suggested that a small quantity be jar mixed to check for incompatibilities prior to tank mixing.

**Mixing Instructions:** Add one-fourth water to tank. Add **LESCO High Manganese Combo Chelated Micronutrients**. Agitate tank contents while adding remaining water. Add urea or other fertilizers. Add herbicide/pesticide last while continuing to agitate contents of tank. Spray tank mixes as soon as possible. Always agitate tank contents well prior to spraying especially if contents have been standing for over 24 hours. Do not premix **LESCO High Manganese Combo Chelated Micronutrients** with herbicides/pesticides prior to adding to spray tank.

**Acidifying:** **LESCO High Manganese Combo Chelated Micronutrients** is an excellent acidifying agent which effectively reduces the pH of alkaline spray water.

#### CAUTION

Spray only on target areas. Staining may occur if diluted spray is allowed to remain on non-target surfaces such as asphalt, concrete, ceramic tile, painted surfaces, stucco, unfinished woodwork, fences, etc. Should accidental contact occur, immediately wash off with clear water.

#### CONTAINER DISPOSAL

Dispose of container according to Federal EPA procedures as outlined in the Resource Conservation Act (RCRA) and follow state and local guidelines. Triple rinse and puncture as required.

**STORAGE:** Do not store below 32°F. Protect from freezing. Store in cool areas. Store in original container in a locked storage area inaccessible to children and pets.

#### DIRECTIONS FOR USE

##### *Turf Recommendations*

**Greens and Tees** - Apply 3 to 6\* ounces of **LESCO High Manganese Combo Chelated Micronutrients** in sufficient water for thorough coverage (usually 3-5 gallons per 1,000 sq ft). **LESCO High Manganese Combo Chelated Micronutrients** is best applied when the turf is actively growing. Avoid spraying in periods of low humidity or when turf is under severe stress. Apply monthly or as needed to maintain turf color. Avoid watering for 24 hours after application for optimal results.

**Fairways, Lawns, Athletic Fields and other Turf Areas** - Apply 1 to 3 gallons per acre (3-9\* ounces/1,000 sq ft) in sufficient water for thorough coverage (usually 3-5 gallons per 1,000 sq ft). Three to four applications per growing season are recommended to maintain vigorous turf. Avoid watering for 24 hours after application for optimal results.

Application to turfgrass areas by injection into irrigation systems will provide good dilution and distribution. Observe all local regulations while connecting injectors to irrigation systems to avoid contamination of potable water. Inject at 90-200 ppm or as needed to maintain color.

\*Warm season grasses may require an increase in rates of up to 2 oz per 1,000 sq ft.

##### *Ornamental Recommendations*

**Evergreens, Deciduous Shrubs, Trees and Palms** - For foliar application, mix 1-2 gallons of **LESCO High Manganese Combo Chelated Micronutrients** in 100 gallons of water and spray foliage to the point of runoff. Best results will occur when **LESCO High Manganese Combo Chelated Micronutrients** is applied to actively growing foliage during periods of high humidity and low plant stress. (Early morning, late afternoon or cloudy days are preferable to hot, dry conditions.) Avoid watering for 24 hours after application for optimum results.

**Soil Applications** - Mix 4-5 gallons in 100 gallons of water and inject around base of plants (within the drip line). Approximately 1 to 2 gallons of finished spray will be adequate for most ornamentals.

**LESCO High Manganese Combo Chelated Micronutrients** may be combined as a tank mix with **LESCO Arbor-Green® Tree and Ornamental Fertilizer** for soil injection at the rate of 1 gallon of **LESCO High Manganese Combo Chelated Micronutrients** per 100 gallons of tank mixture.

**Palms** - Insures adequate micronutrients are available to prevent "Frizzle top" and other elemental deficiencies. May be applied as a foliar spray for quicker plant absorption, but best results are a combination of foliar application and soil treatment. A regular maintenance program combined with a balanced fertilizer program will produce best responses.

Severely affected palms may require up to 10 gallons of finished solution per tree. For maintenance dosage, inject approximately 3 to 5 gallons of finished solution per tree. Date Palms, Queen Palms and Royal Palms are most susceptible to frizzle top and should be on a regular preventative spray program based on soil and/or tissue tests.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn: RA Dept, 1385 East 36th Street, Cleveland, OH 44114-4114, referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

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