

# Fërromec® AC

## **LIQUID IRON 15-0-0**

Promotes Rapid Turf Green-Up and Dark Green Color Compatible with Most Turf Care Products



## **GUARANTEED ANALYSIS:**

Total Nitrogen (N)	15%
Sulfur (S)	3%
Iron (Fe)	6%
Derived From: urea and ferrous sulfate heptahydrate	

## **GENERAL INFORMATION**

FeRROMEC® AC is designed to enhance long term stability with amine based herbicides and fertilizers. Its unique formulation provides extra compatibility which enhances its mixing ability with products like Trimec® turf herbicides.

FeRROMEC AC will mix with most commonly used herbicides, pesticides, fertilizers, and fungicides. Tank mixture compatibilities may vary because of changes in formulations, water sources, temperature, and spray volumes. Always conduct a jar test for compatibility before tank mixing.

FeRROMEC AC is most effective when turf is growing rapidly and least effective when dormant or suffering from stress.

**NOTE:** Undiluted FeRROMEC AC is corrosive to mild steel, aluminum, and brass and must be stored and/or shipped in fiberglass, polypropylene, or stainless steel. Use only stainless steel or PVC fittings.

Do not apply to any area not specified on label. Avoid contact with unfinished wood products, painted surfaces, or concrete as this product may cause staining.

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA).



Harmful if swallowed. Causes skin irritation and serious eye irritation.

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and clothing, as well as eye and face protection.

FIRST AID	
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. If irritation persists: Get medical advice/attention.
IF ON SKIN:	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

(continued on next column)

#### FIRST AID (cont.)

IF Ca

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

**STORAGE:** Store locked up in original container. Store in a cool area inaccessible to children and pets.

**DISPOSAL:** Dispose of contents/container to an approved waste disposal plant. Do not reuse container.

## **MIXING INSTRUCTIONS**

Add one-half of the required amount of water to tank. Add FeRROMEC AC and agitate while adding the balance of the water. Add urea or other fertilizers, pesticides, or fungicides. Add amine herbicides last and continue to agitate tank contents. Spray contents as soon as possible. FeRROMEC AC tank mixes are generally stable, however, agitate well before spraying if the mixture has been standing for over 24 hours.

### **TURF**

**SPRAY VOLUMES FOR TURFGRASS:** Spray volumes can range from 0.5-4 gallons per 1,000 sq. ft. for adequate coverage. For FeRROMEC AC tank mixtures containing amine formulations of herbicides, spray volumes greater than 2 gallons per 1,000 sq. ft. are recommended.

Bahiagrass, Bentgrass, Centipedegrass, Tall Fescue, St. Augustinegrass, and Zoysiagrass: Apply 2-8 fl. oz. of FeRROMEC AC per 1,000 sq. ft. with sufficient water for good coverage. Three to five applications per growing season usually produce the best results.

For bentgrass, do not exceed 5 fl. oz. of FeRROMEC AC/1,000 sq. ft. per application.

When temperatures can exceed 90°F, do not apply more than 3 fl. oz. of FeRROMEC AC/1,000 sq. ft. to centipedegrass if applied with other fertilizers, pesticides, or specialty products.

**Bermudagrass:** Apply 4-10 fl. oz. FeRROMEC AC per 1,000 sq. ft. with sufficient water for good coverage. Three to five applications per growing season usually produce the best results.

**Bluegrass, perennial ryegrass and other northern grasses:** Apply 2-8 fl. oz. of FeRROMEC AC per 1,000 sq. ft. with sufficient water for good coverage. Three to five applications per growing season usually produce the best results.

Injection System: Inject at rate of 50-100 ppm monthly.

**NOTE:** A lawn will typically utilize 1-4 lbs. of nitrogen per 1,000 sq. ft. each growing season. Use this product in conjunction with an additional fertilization program to provide at least 1 lb. of nitrogen per 1,000 sq. ft. each growing season. Consult your local Agricultural Extension Agent for local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.

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. APPLY ONLY TO ACTIVELY GROWING TURF.

This product weighs 11.0 lbs/gallon.

## **ORNAMENTALS**

FeRROMEC AC should supplement a sound fertilizer program for ornamentals, and applications should be made as a thorough cover spray. Do not apply FeRROMEC AC to any flower buds or blossoms of flowers, shrubs, and trees.

**HERBACEOUS PLANTS:** Hardy Aster, Alyssum, Canna, Carnation, Chrysanthemum, Coleus, Dahlia, Daylily, Dieffenbachia, Fern, Geranium, Gladiolus, Honeysuckle, Hosta, Iris, Larkspur, Marigold, Nasturtium, Ornamental Cabbage, Pampasgrass, Petunia, Portulaca (Moss Rose). Salvia, Sweet Pea, Verbena, Zinnia.

Refer to Table 1 for the rate recommendation for these herbaceous plants.

SHRUBS: Azalea, Barberry, Burningbush, Camellia, Common Periwinkle, Cherry Laurel, Crepe Myrtle, Euonymus, Forsythia, Flowering Quince, Gardenia, Hibiscus, Honeysuckle, Hydrangea, Indian Hawthorn, Japanese/Southern Yew, Ligustrum, Lilac, Mock Orange, Oleander, Pittosporum, Primrose, Privet, Purple Sand Cherry, Pyracantha, Rhododendron, Rose, Spirea and Viburnum.

Refer to Table 1 for the rate recommendation for these shrubs.

**TREES:** Catalpa, Chinese Arborvitae, Flowering Crabapple, Cypress, Dogwood, Elm (American, Chinese), Ginkgo, Italian Cypress, Hickory, Juniper, Locust (Common/Black, Honey), Lombardy Poplar, Magnolia, Maple (Hard/Sugar, Silver), Mimosa, Mulberry, Pin Oak, Pine (Mountain/Mugo, Australian/Norfolk Island, White), Russian Olive, Spruce, Sweet Gum, and Sycamore.

Refer to Table 1 for the rate recommendation for these trees.

**Table 1.** Quick mix instructions for preparing 1 and 100 gallons of FeRROMEC AC with water for foliar applications to herbaceous plants, shrubs and trees.

	Amounts of FeRROMEC AC required for:		
Type of Ornamental	1 Gallon	100 Gallons	
Herbaceous Plants	2 teaspoons	1.0 quart	
Shrubs	2 fl. oz. (4 tablespoons)	1½ gallons	
Trees	11/4 fl. oz. (21/2 tablespoons)	1.0 gallon	
Equal measures: 1 fl. oz. = 6 teaspoons = 2 tablespoons 1 gallon = 128 fl. oz. = 4 quarts			

#### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the composition of this product conforms to the guaranteed analysis given on the label, and that the product is reasonably suited for the labeled use when applied according to the directions on the label.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED.

This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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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