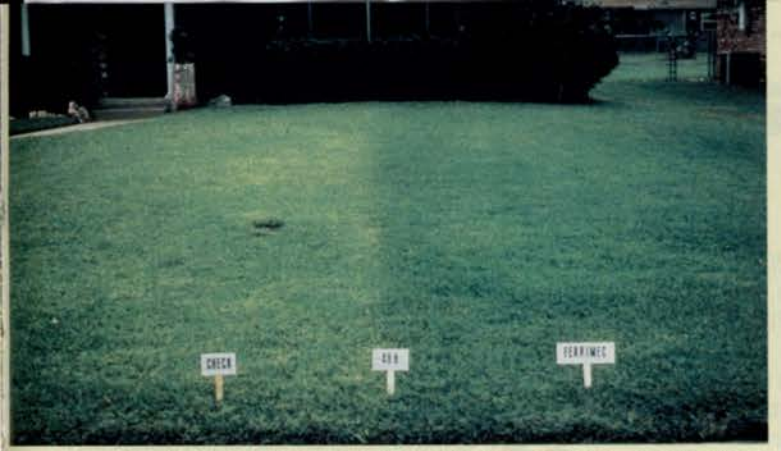


St. Augustine grass lawn in Texas showing the darker color (right) produced by Ferromec Liquid Iron applied in early September at 8 oz./1,000 sq. ft. The green-up became visible within 2 hours and the darker color persisted until dormancy, a couple of months later, according to Wallace Menn of Bryan, Texas, a turfgrass specialist who conducted the test.

Half of this green at Hodge Park Golf Course in Kansas City was sprayed with Ferromec and, within 24 hours, the color change was dramatic. Under normal growing conditions, visual response usually occurs between 8 and 48 hours after application. Ferromec is also effective on trees, shrubs and herbaceous plantings.

Third: Chelated iron is primarily absorbed through the roots rather than by foliar activity. To get enough chelated iron into the grass through the roots to produce the desired color rapidly, it is necessary to speed up the growth by using nitrogen. This will eventually cause the grass to green up. But it will also bring on excessive growth that will cause unwanted mowing and exposure to disease.

FëRROMEC is different

Ferromec, on the other hand, is unique; and it works in a totally different way.

Ferromec is a patented process that involves bonding a ferrous iron molecule to a urea molecule. When sprayed on turf, Ferromec is ingested almost immediately via foliar intake at the point where chlorophyl is formed. Once inside the plant, the iron-urea molecular bond breaks apart because the plant has such a ravenous appetite for nitrogen.

The result is that the iron molecule in Ferromec goes to work almost immediately to create chlorophyl and, depending on the condition of the turf and the weather, green-up occurs any time within 8 to 48 hours . . . *without causing excessive growth.*

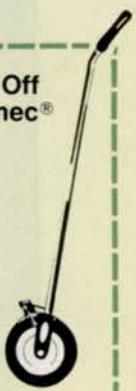
Special formulations for special problems

Iron is a micronutrient essential for all plants, but the amount required can vary dramatically, depending on the kind of fertilizer used and the composition of the soil. Sometimes zinc and/or manganese are also required, so we have developed special formulations to cover such specific needs. For information relevant to your own situation, call us.

Call Toll-free 1-800-821-7925
In Missouri, 1-800-892-7281
Ask for Sales Service Department.

1988 Super Bowl playing field at the Jack Murphy Stadium in San Diego received three applications of FERROMEC Liquid Iron along with Gordon's BOV-A-MURA® Organic Activator. Internationally known NFL turf consultant George Toma (right), pictured with son Chip, says the playing surface was sparsely covered with dormant Bermuda, including many areas of bare ground, and was seeded with turf-type ryegrass only 25 days prior to the game. "We couldn't have made it," says Toma, "without the root-building strength of BOV-A-MURA and the color enhancement of FERROMEC."

Measuring Wheel 2/3 Off When You Buy Ferromec®



To receive via UPS your $60 value Roll-X™ Measuring Wheel with collapsible handle for only $20, send this coupon to PBI/Gordon Corporation with proof of purchase (a copy of invoice or sales ticket) showing you have purchased five gallons or more of Ferromec AC Liquid Iron between November 1, 1988 and October 31, 1989, when offer ends. Limit one per customer.

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FERROMEC is available from Green Cross in Canada, Toyo Green in Japan and Farmura Ltd. in the United Kingdom. For other sources abroad, inquire of Gordon International by FAX: 816-474-0462.

++FëRROMEC® AC

AMINE-COMPATIBLE LIQUID IRON

712-1088

Circle No. 148 on Reader Inquiry Card

ATHLETIC *from page 58*

terial, followed by dragging, will smooth the surface and improve the field's playability.

September-November

Fall overseeding of some fields with perennial ryegrass may be desirable. Core aerification and/or vertical mowing 30 days prior to overseeding may be beneficial. Top dressing after overseeding encourages seed-soil contact. Late-season vertical mowing of Bermudagrass that is not inherently winterhardy, will likely reduce its chances of winter survival and should not be done in conjunction with overseeding.

When Bermudagrass growth begins to slow at the end of summer, apply the equivalent of 60 lbs./acre of potassium oxide (K_2O) from either potassium chloride (0-0-60) or potassium sulfate (0-0-54) to improve winter hardiness. In areas where winter hardiness is a concern, stop or severely reduce nitrogen applications.

As the Bermudagrass growth rate slows, raise the mowing height to 1½ inches to improve insulative effect and reduce probability of winterkill.

Plastic tarps can be used during the season to protect the field from excessive rainfall and minimize traffic damage resulting from the excessive moisture.

December

In areas where winter survival is a serious concern, after the last game, cover field with 4 to 6 inches of clean straw or a clear plastic, vented polyethylene 4-mil tarp or similar cover to maximize winter protection and reduce chances of winterkill. If straw is used, you will need 250 to 400 bales of straw. Straw can be secured with netting, or string and stakes to keep it from blowing.

Keep traffic off of field during winter if possible. **LM**

USEFUL EQUIVALENTS

Football field area: 360' x 160' = 57,600 sq. ft. = 1.3 acres

Area between hash marks: 300' x 54' = 16,200 sq. ft. = 0.37 acres

Area in 440 yard oval: 100,188 sq. ft. = 2.3 acres

1 gallon = 3.785 liters = 128 fluid ounces = 4 quarts

1 ounce = 29.57 milliliters

1 quart = 946.3 milliliters

1 fluid ounce = 2 tablespoons = 6 teaspoons