# Simplot University Simplot IRON PLUS

## SPECIALLY FORMULATED LIQUID FERTILISER FOR TURF



**SIGNATURE IRON PLUS** is a high analysis Iron, Magnesium & Nitrogen formulation designed to produce quick and prolonged green-up of turfgrass.Iron applied to turf will create the production of excess chlorophyll thus giving a longer-lasting deep green appearance. The Magnesium and Nitrogen will aid in the formation of chlorophyll along with the Iron.

#### ANALYSIS

10% Iron (Fe), 12% Nitrogen (N), 1% Magnesium (Mg)

DIRECTIONS FOR USE TURF: 200 - 500 mls /100 m<sup>2</sup> as required for colour

#### WATER RATES:

Tees &Greens: 6 - 10 L /100 m<sup>2</sup> Fairways: 400 - 600 L /Ha Apply early morning or late afternoon.

### COMPATIBILITY

Signature Iron Plus is compatible with a wide variety of commonly used spray chemicals. When mixing with chemicals always mix a small quantity (jar test) to observe if any reaction occurs. If jar test is negative do not proceed with application.





Available exclusively from your nearest Simplot distributor: SIMPLOT PARTNERS. 20 DeHavilland Rd, Braeside, Vic 3195 (03) 9587 4993 NRRBS. 1/A Gateway Dr, Labrador, Qld 4215 (07) 5537 7323 TURFCARE NSW. Unit 8-24 Clyde St, Rydalmere, NSW 2116 (02) 9684 6611 TOTAL TURF. 2 Jessel Place, Duncraig, WA 6023 (08) 9448 5263



Undoubtedly the most useful tool in maintaining Turfgrass colour without enhancing excessive growth is Iron. Iron as a dissociated or dissolved ion will enter the turf via the leaf or the root system and form a carrier compound, (Ferredoxin) which is essential in the formation of Chlorophyll. The application of Iron will force turf to produce Chlorophyll in excess thus giving the green up required by Superintendents and Turfgrass managers.

Iron is also essential for production of other enzymes involved in Oxidation and Reduction reactions. While the colour effect of Iron applications is what is sought after, the physiological role and resulting turf health because of Iron is equally important.

While Iron is the driving force in colour development, the presence of Magnesium and Nitrogen is vital to the completion of the greening effect. The Magnesium and Nitrogen will form the central structure of the chlorophyll cell. Therefore green up will not occur as readily without the Magnesium or the Nitrogen.

It is the unique combination of Iron, Magnesium and Nitrogen in Signature Iron Plus that that will ensure colour and control of growth to the turfgrass Manager.

The issues in growing quality turfgrass are many and varied. The use of Signature Iron Plus and other products in the "Simplot Signature Series" will aid in controlling the delivery of nutrients to the turf.

make your course a *Sig* 



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