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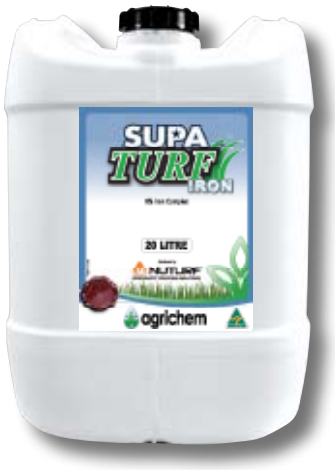
SUPA TURF™ IRON

9% Iron Complex



A highly available complexed iron specifically formulated for the rapid greening and correction of iron deficiencies in turf

BENEFITS OF SUPA TURF IRON

- ☑ Highly available form of iron rapidly corrects iron deficiency
- ☑ Efficient application with a quick green-up response
- ☑ 100% soluble and stable due to unique formulation
- ☑ Reduces lock-up in soil and spray tank mix
- ☑ Can be added to maintenance fertiliser spray mixes to correct iron deficiences
- ☑ Reduced lock up means that more nutrients are available for your turf
- ☑ Rapidly transported in soil to the rhizosphere
- ☑ Can be applied by foliar spray or by fertigation for rapid uptake
- ☑ Efficiently transported through the plant's cells

THE ROLE OF IRON

Plants need iron to produce chlorophyll and to activate several enzymes, especially those involved in the oxidation / reduction processes of photosynthesis and respiration. Lock-up of iron in the soil and associated plant deficiency is a common problem in turfgrass. This is especially so in high pH or calcareous soils and is the major factor responsible for so-called lime-induced chlorosis.

WHAT IS A COMPLEX?

A complex is an organic chelate - a structure that has ligands (fingers) that wrap around the individual trace element giving it some protection from chemical attack, decomposition and the influence of pH. This means that it has increased stability, solubility and availability in the soil and to the turf.

Iron deficiency on turf

DEFICIENCY SYMPTOMS - IRON

The youngest leaves develop a light green chlorosis of tissue between the veins, while veins remain green. In severe cases leaves will be yellow or white. As iron has poor mobility older leaves may remain green.

Product Information Sheet V1 03/04/08

Product Characteristics

Specific Gravity: 1.3 **Colour:** Clear moss green

Analysis	Australia (w/v%)	International (w/w%)
Iron (Fe) complex	8.7	6.7

Directions for use

Agitate contents well before dilution. Suitable for application by:

Foliar Spray	Fertigation

SITUATION	RATE / ha	MIN DILUTION	COMMENTS
GREENS	20 L 200 ml/100m^2	1:20	Apply as required for fast, long lasting green-up, or to treat iron deficiency as required.
TEES/ FAIRWAYS / SPORTSFIELDS	20 - 50 L 200 - 500 ml/100m^2	1:20	Apply as required for fast, long lasting green-up, or to treat iron deficiency as required.

MINIMUM DILUTION : A dilution of 1 : 100 means 1 part product : 100 parts water.
In hot weather, use the higher dilution rates. ** AERIAL APPLICATION: use maximum practicable water rates.
NOTE: Only mix diluted chelate formulations with liquid NPK's. For optimal results, ensure pH of tank mix is below 6
WARNING: DO NOT apply with copper sprays or onto plants with copper residues

NOTE: The suggested rates of application are designed for typical Australian conditions and such should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28oC, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.

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HEAD OFFICE: 2-4 Chetwynd Street, Loganholme Qld 4129, Australia
Ph: 61 7 3801 9000 • Fax: 617 3209 9687 • Free call: 1800 65 47 58
Email: enquiries@agrichem.com.au • Web: www.agrichem.com.au

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