



# Liquid Iron & Manganese

6.4% Fe, 2.8% Mn, 5.3% S

## PRODUCT DESCRIPTION

A readily available source of iron and manganese to address deficiency, this liquid fertiliser is formulated to produce rich green turf colour through excess chlorophyll production. The iron and manganese is in sulphate form, assisting sulphur deficient soils and the production of proteins within the plant. Ideal in high pH soils where the relating nutrients are unusable. It also maintains soil pH extremes by lowering pH levels.

## BENEFITS

**Iron** is needed for chlorophyll formation, good colour and for resistance to disease. It is a catalyst in the chlorophyll synthesis process, therefore turf grass colour is influenced by the level of iron available to the plant. Iron applications provide a greening response to turf grass, causing the leaf blades to darken and consequently attract and hold in heat. This encourages the turf to actively grow longer into winter periods.

Iron also plays an important roll in the oxidation process. These reactions in the plant result in the release of energy from sugars and starches and the conversion of nitrate to ammonia. Application of high iron fertilisers into spring encourage the plant to function quicker, bringing it out of dormancy earlier.

**Manganese** is important for nitrogen uptake, activation of enzymes, and photosynthesis. It also plays a part in protecting the plant from disease and adds vigour.

Available in 1lt, 20lt, 200lt & 1000lt



**Humic** acts as a natural soil wetter, aiding moisture retention and improving soil structure. This encourages better plant response in poor growing conditions. Humic improves plant nutrient uptake by 40%, enhancing cell division and elongation, root penetration and oxygen intake. This in turn improves fertiliser efficiency.

PRODUCT ANALYSIS		w/v%
Iron		6.4%
Manganese		2.8%
Sulphur		5.3%

## APPLICATION RATE ON TURF

Use	Rate	Dilution	
Commercial	20-50lt per hectare	1:10 Water	Contact your Baileys Area Manager
Residential	4-9ml/m <sup>2</sup> 400-900ml per 4-9lt over 100m <sup>2</sup>	1:10 Water	Apply every 1-2 months depending on desired results and soil type. We recommend starting at the lower application rate and adjusting until you meet your desired result.

## CAUTION

Nutrient can stain walkways and will need to be washed off prior to irrigation. Keep away from water sources such as ponds, pools etc.

REFER TO SAFETY DATA SHEET BEFORE USE

For further information contact your local representative at Baileys Fertilisers - Phone (08) 9439 1688 - Email: [baileys@baileysfertiliser.com.au](mailto:baileys@baileysfertiliser.com.au)

[www.baileysfertiliser.com.au](http://www.baileysfertiliser.com.au)