



agrichem®

GreenXtra™ TURF

Enhanced Xtra green for managed turf environments

20% N, 5% S, 1% Mg, 6% Fe + Nitrogen Inhibitor Technology

Benefits of GreenXtra™

- Xtra analysis formulation with inhibited nitrogen, provides “bang for your buck”
- Xtra vitality
- Xtra green
- Xtra endurance
- Xtra strength

THE ROLE OF IRON AND MAGNESIUM

Turfgrass needs iron to produce chlorophyll and in the assimilation of nitrates and sulphur. As much as 20% of magnesium is structurally bound to chlorophyll in ring like structures. Without Magnesium the formation of chlorophyll is simply not possible. Both iron and magnesium are required to activate several enzymes involved in photosynthesis.

THE ROLE OF NITROGEN

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, it is translocated and utilised in the growing tips. Nitrogen is vital to turf growth but can be a limiting factor in uptake of other nutrients.

Nitrogen is often leached from the soil therefore regular application in low doses will ensure efficient uptake without excessive losses.



DEFICIENCY SYMPTOMS

IRON

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

MAGNESIUM

Older leaf displays symptoms before younger leaf. Older leaf becomes pale green and progresses to yellow strips (interveinal chlorosis) and in severe deficiency, death of leaf tips is observed. The deficiency may be induced by heavy applications of potassium especially if such applications occur in cool wet conditions.



NOTE: The suggested rates of application are designed for typical Australian conditions and such should be used as a guide only. Each Turf Managers 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 28°C, 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.

Product Characteristics

Specific Gravity: 1.30 - 1.32 **Colour:** Brown black liquid

Analysis	Australia (w/v%)	International (w/w%)
Nitrogen (N) (as stabilised urea)	20	15.0
Sulphur (S)	4.9	3.6
Magnesium (Mg)	1	0.7
Iron (Fe)	6	4.6

Directions for Use

Agitate contents well before dilution. Suitable for application by:



Foliar Spray



Fertigation

CROP	Rate/ha	MIN DILUTION	COMMENTS
GREENS	20L or 200ml/100m ²	1 : 20	Apply as required for fast, long lasting green-up
TEES, FAIRWAYS, SPORTSFIELDS	20 - 50 L	1 : 20	Apply as required for fast, long lasting green-up

Minimum Dilution: A dilution of 1 : 100 means 1 part product : 100 parts water
In hot weather, use the higher dilution rate where applicable