



agrichem[®]

Maxi Mang[™] **TURF**

World-leading technology has resulted in the production of Maxi Mang - used for the correction of manganese deficiencies and growth maintenance in turfgrass

50% Mn

Benefits of Maxi Mang[™]

- Corrects manganese deficiency
- Assists nitrate assimilation
- Sustains growth in plants
- Maintains adequate levels of manganese thus assisting in the suppression of turf diseases such as 'Take-All Patch'
- The low salt index means no phytotoxicity especially when compared with sulphate-based formulations
- Manufactured using world-leading technology
- High analysis formulation provides "bang for your buck" and enables low application rates Suspension technology provides sustained release over a long period of time

THE ROLE OF MANGANESE

Manganese is essential as an enzyme activator which helps with nitrate assimilation. It is also primarily involved in photosynthesis and chlorophyll production and is important in the production of lignin. In C_4 plants (eg turf) and plants that fix their carbon at night, Mn is essential for CO_2 assimilation. Manganese influences auxin levels in plants and is required for maximum activity of many enzyme reactions in the citric acid cycle.



DEFICIENCY SYMPTOMS MANGANESE

- Light green blotches between main veins
- Dark green borders the main veins
- Interveneal chlorotic areas become pale green or dull yellow
- Often greater susceptibility to root diseases



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: 1.85 **Colour:** Biege suspension

Analysis	Australia (w/v%)	International (w/w%)
Manganese (Mn) as carbonate	50.0	27.0
Nitrogen (N) as urea	4.6	2.5

Directions for Use

Agitate contents well before dilution. Suitable for application by:



Foliar Spray



Fertigation

CROP	Rate/ha	MIN DILUTION	COMMENTS
TURF Fairways, Tees, Sports fields	5 - 10 L or 50 - 100 ml / 100m ²	1 : 40	Apply during the growing season; maximum of 6 applications per year
GREENS	2 - 5 L or 20 - 50 ml / 100m ²	1 : 40	Apply during the growing season; maximum of 6 applications per year

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