

Pro-Tech Manganese™

KEY POINTS

- Rebuilds tired and worn soils through remineralisation
- Builds critical levels of many trace elements
- Increases soil carbon levels for energy, water and nutrient holding capacity
- Increases the ability for plants & turf to resist pest and disease attack
- Greater biological activity in the soil promotes availability of both target and other tied-up nutrients in the soil

***Improved soil health reduces input costs through efficiency.**

ACTIVATED RESPONSE

Manganese is required for carbohydrate metabolism and seed formation. Manganese activates Calcium, Phosphorus, and Iron, but may link with these to ensure plant health and growth. The process of photosynthesis and plant respiration is primary functions of manganese. Foliar applications are best method to correct plant deficiencies. Soil applications are not always effective. Manganese in a chelated molecule with sea minerals, fulvic and hormones gives plant life this essential element. Consult with your nutritional advisor on diagnosing Manganese deficiency. Plants ability to uptake Manganese is reduced by high pH and Iron.

TYPICAL ANALYSIS (w/v)

Nitrogen	0.06%	Copper	59mg/L
Phosphorus	<0.01%	Zinc	482mg/L
Potassium	0.14%	Manganese	12.17%
Sulphur	7.98%	Iron	<50mg/L
Carbon	0.53%	Boron	10mg/L
Calcium	0.03%	Molybdenum	0.9mg/L
Magnesium	0.02%	Cobalt	210mg/L
		Silica	<50mg/L

PRODUCT SPECIFICATIONS

Form:	Liquid	Application Rates:	Dilution in water
pH:	4		1-100
Specific Gravity:	1.33		5-7L/Ha

QUANTITY SIZES

1000 Litre • 200 Litre • 20 Litre



Manufactured by FertPro Manufacturing Pty Ltd
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07 3282 0761

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APPLICATION GUIDE

AGITATE BEFORE USE

Application rates should be determined by soil analysis and applied in conjunction with a balanced nutrition program. The following rates are generalized for irrigated and dry land cropping, for intense horticulture these rates can be increased. Contact a qualified Fertpro consultant for assistance.

Best applied direct into soil at the seed zone or direct boom spray application, irrigation lines or horticultural spray applicators.

Compatibility: Check with a Fertpro qualified consultant prior to blending this product with other fertilisers.

Note: This blend can be used to uniquely formulate a fertiliser to suit a specific need in any crop.

DISCLAIMER

FertPro Manufacturing Pty Ltd provides this information & application document as a guide and reference point for fertiliser application qualified professionals. This document needs to be supported by the means of soil tests and or leaf tests for a qualified professional to decide on application rate. FertPro Manufacturing P/L accept no responsibility or liability for the validity of testing, application of fertilizer or crop response as an outcome from information provided. It is the responsibility of each farming operation to keep our environment safe and clean for all generations. Use qualified advice, stringent planning and ownership of your decision before acting on any information provided.



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