

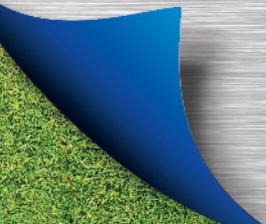


**THE**  
**BUFF**  
**RANGE**

# Manganese

Targeted Nutrition for Turf

**5 L**

A graphic in the bottom-left corner showing a blue corner peeling away to reveal a patch of green grass.

THE



# Manganese

**RANGE**

**Contains: 10.3% Mn +15% S03 +6.4%N Treats: 10000–20000 m<sup>2</sup>**

A highly-complexed unique formulation of manganese purposely formulated with natural, organic plant acids to encourage rapid leaf uptake and plant availability. Manganese is an essential plant micronutrient important as an activator of over 35 plant enzymes involved in several processes, particularly photosynthesis.

Because manganese is involved in substances affecting a broad range of plant metabolic function, sufficient levels increase tolerance against environmental stress, such as cold and drought, and increase plant resistance to pathogen attack; particularly take-all patch disease *Gaeumannomyces graminis* as part of an integrated turf management approach.

#### Application:

Apply at a rate of 2.5 - 5 litres per hectare in 200 litres of water. Apply evenly, avoid overlapping or missing areas, using a suitable calibrated sprayer. If there is no rain within 2 days of application irrigate the treated area thoroughly. Do not apply in hot, dry

weather or frosty conditions.

Half fill the sprayer with clean water. Add concentrate as required and mix thoroughly whilst adding remaining water.

Ingredient	Oxide Value	Elemental Value
<b>Total Nitrogen (N)</b>		<b>6.40%</b>
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	0.00%	0.00%
Potassium Oxide (K <sub>2</sub> O)	0.00%	0.00%
<b>Sulphur Trioxide (SO<sub>3</sub>)</b>	<b>15.00%</b>	<b>6.00% S</b>
<b>Manganese (Mn)</b>		<b>10.30%</b>
<b>Specific Gravity</b>	<b>1.255</b>	
<b>pH</b>	<b>7.5–9.0</b>	



#### WARNING

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

Do not breathe mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Collect spillage.

Store in accordance with local/regional/national/international regulations.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Product contains:** Manganese complex



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