

**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING**

RUTEC liquid chelated Manganese is a foliar or soil applied micro-nutrient and is non-phytotoxic when used as directed. It is completely available and absorbed by the leaf surface or the root system because of the natural complexing properties of its EDTA chelating complex.

**APPLICATION RATES AND TIMING**

CROP	RATE L/ha	TIMING	WATER L/ha
All beans	1-2	Apply when plants are at 4 leaf stage.	500
Potatoes	1-2	Apply at 2-3 weeks after emergence.	500
Brassicae, Celery, Lettuce, Carrots	1-2	Apply 6-10 days after transplanting, 10-14 days after emergence if seeded crop. Repeat as required	500
Cucurbits, Melons, Cucumbers	1-2	Apply prior to flowering	500
Tomatoes	2-3	Apply 6-10 days after transplanting. Repeat as required.	500
Barley, oats, lucerne, wheat sorghum,	2-3	Apply when plants are young as this is a critical time. Repeat as required	500
Citrus,	2.5-4.5	Apply 2 weeks after bloom. Repeat as required	500
Stone fruits, Pome fruits	1-2.5	Apply 2 weeks after bloom. Repeat as required	500
Strawberries and all berries	1-2.5	Apply 5-7 days after transplanting.	500
Ornamentals and flowers	1.2-2.5	Apply every month	500
Pastures	1-2.5	Apply to pasture when Manganese deficiency occurs	500
Lawn and Turf	50ml/sq.m	Apply monthly	500



# MANGANESE

ANALYSIS	%W/V	g/L
MANGANESE (Mn) as an EDTA complex	6.0	60
Wetters, stickers and dispersants	1.0	
This product contains		
	Solids	54.4
	Water	65.6

**20L 200L 1000L**

Manufactured by

**RUTEC PTY LTD**

23 HARGRAVE STREET  
 TAMWORTH NSW 2340

**GENERAL INSTRUCTIONS**

**MIXING AND SPRAYING**

Shake the container thoroughly before use. Pour through the filter into the tank three quarters filled with water, whilst agitating. Top up with water and continue to agitate until spraying is completed.

**PRECAUTIONS**

Avoid application under extremes of climate eg. Rapid drying conditions, extremely slow drying conditions, frost rain or when frost or rain are anticipated

**COMPATIBILITY**

RUTEC products are widely compatible with many agrichemicals. Contact your distributor for information.

**STORAGE AND DISPOSAL**

Store in the closed original container, in a well-ventilated area as cool as possible. Protect from frost. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal and add hoses to tank mix or dispose of rinsate in a disposal pit away from desirable plants, their roots and water-courses.

On-site disposal of undiluted chemicals is unacceptable. Destroy empty containers by breaking, crushing or puncturing them. Dispose of the containers at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers to a depth of 500mm or more at a licenced/approved disposal site. In some states wastes can only be buried at a licenced landfill. Do not burn empty containers or product.

**SPILLAGE**

Hose small spillage (less than 1 litre of concentrate) away with a large excess of water. Large spillage should not be directed to drains. Large spillage should be absorbed in sawdust or sand and the absorbent material containing the product disposed of in a sealed container at an approved disposal site.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT**

Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

**SAFETY DIRECTIONS**

Harmful if swallowed. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Avoid inhaling spray mist.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre Ph: 13 11 26. If in eyes, flush with water for 15 minutes and see a doctor.

**EXCLUSION OF WARRANTIES AND LIMITATIONS OF LIABILITY** The purchaser acknowledges that no express or implied warranty, condition, description or representation is given or made by Rutec Pty Ltd (ABN 91 002 846 988) in relation to this product. To the maximum extent permitted by the law, all warranties, terms, conditions and any duty of care which would otherwise be implied or arise by operation of law, statute or use in relation to this product are hereby excluded as against any and all persons, whether purchasers of this product or not. To the maximum extent permitted by law, Rutec's total liability to any person in connection with this product, whether arising from a breach of any express or implied term, condition or warranty, any duty of care or otherwise, other than any liability which by these terms or otherwise is excluded, shall not exceed the amount paid by the purchaser to the vendor for this product, whether or not such liability results from or involves negligence on the part of Rutec.

DATE OF MANUFACTURE \_\_\_\_\_ BATCH NO: \_\_\_\_\_

**RUTEC**

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