

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

MANTLE[®]

Flowable Seed Treatment

ACTIVE CONSTITUENT: 322 g/L METALAXYL

GROUP 4 FUNGICIDE

**For treatment of seed to control various
Fungal Diseases as specified in the
Directions for Use Table.**

CONTENTS: 1, 10, 20, 100, 200L

(Chemtura logo)
Chemtura Australia Pty Ltd
Level 7, 435 King William Street Adelaide SA 5000
Tel: (08) 8112 0900 Fax: (08) 8112 0999



RLP
Approved

DIRECTIONS FOR USE:**RESTRAINTS:**

DO NOT store treated seed for more than 6 months before sowing.

CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
Beetroot	Damping-off	All States	220mL/100kg of seed	Mix thoroughly and ensure that the recommended rate is applied to seed evenly and thoroughly before sowing.
Carrots			440mL/100kg of seed	
Cotton		NSW, ACT & QLD only	93mL/100kg of seed	
Lucerne		All states	220mL/100kg of seed	
Maize, Sweet Corn	Downy Mildew	NT, QLD, TAS, WA only	330mL to 550mL / 100kg of seed	Mix thoroughly and apply to seed before sowing. Use rates towards the lower end of the range when resistant varieties are being sown. Treated Maize seed can be stored up to 18 months provided it is kept in cool storage during this period.
Peas	Damping-off	All States	165 mL/100kg of seed	Mix thoroughly and ensure that the recommended rate is applied to seed evenly and thoroughly before sowing.
	Downy Mildew	NSW, ACT, TAS, WA only		
Radishes	Downy Mildew	NSW, ACT, QLD, TAS only	385 mL /100kg of seed	
Subterranean clover	Damping-off	All States	220mL /100kg of seed	Mix thoroughly and ensure that the recommended rate is applied to seed evenly and thoroughly before sowing.
Chickpeas	Phytophthora Root Rot (<i>Phytophthora megasperma</i>)	NSW, ACT, QLD, VIC only	165mL/100kg of seed	Mix thoroughly and ensure that the recommended rate is applied to seed evenly and thoroughly before sowing. Apply Chickpea Rhizobium inoculum separately from Mantle as mixing with inoculum reduces nodulation.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

Not required when used as directed.

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GENERAL INSTRUCTIONS:

MANTLE only controls damping-off diseases caused by Pythium and Phytophthora and provides control of Stem Rot caused by Phytophthora for 3-4 weeks after emergence. MANTLE will not control Damping-off caused by Rhizoctonia, Fusarium or other fungi.

MIXING AND APPLICATION:

Mantle Flowable Seed Treatment may be applied to seed undiluted or may be mixed with water if required to achieve optimum coverage of grain. This requirement will depend on the equipment in use and rates to be applied. Use only through equipment designed to apply suspension concentrate or slurry seed treatments to seed.

FUNGICIDE RESISTANCE WARNING:

GROUP 4 FUNGICIDE

MANTLE is a member of the Phenylamide group of fungicides. For fungicide resistance management MANTLE is a Group 4 fungicide.

Some naturally occurring individual fungi resistant to MANTLE and other Group 4 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by MANTLE and other Group 4 fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Chemtura Australia Pty Ltd accepts no liability for any losses that may result from the failure of MANTLE to control resistant fungi.

PRECAUTION: Do not use treated seed for animal or human consumption. Do not allow treated seed to contaminate grain/other seed intended for animal or human consumption. Do not feed treated seed, or otherwise expose, to wild or domestic birds.

SMALL SPILL MANAGEMENT OF PRODUCT OR TREATED SEED:

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section).

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

DO NOT contaminate streams, rivers, or waterways with the chemical or used containers. DO NOT feed treated seed to animals, including poultry.

STORAGE AND DISPOSAL:

Store in closed original container in a dry, cool, well-ventilated area out of direct sunlight and away from foodstuffs, drink containers and livestock. Do not use containers for any other purpose. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation, and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS:

Harmful if swallowed. May irritate the eyes. May irritate the skin. Avoid contact with eyes and skin. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrists, a washable hat and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

HANDLING AND RE-HANDLING OF TREATED SEED:

When handling freshly treated seed, wear gloves.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (phone 131126).

CONDITIONS OF SALE:

Chemtura Australia Pty Ltd accepts responsibility for consistent quality of the product; however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS – AUSTRALIA WIDE
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APVMA Approval No.: 55581/62456

®Mantle is a registered trademark of a subsidiary of Chemtura Corporation.

(insert drummuster symbol for relevant pack sizes)