



# POISON

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

<b>SC</b>	FORMULATION TYPE
	<b>Suspension Concentrate</b>

### ACTIVE CONSTITUENTS:

360 g/L THIRAM  
200 g/L THIABENDAZOLE

### CONTENTS:

10 L – 200 L



<b>GROUP</b>	<b>M3</b>	<b>1</b>	<b>FUNGICIDE</b>
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Controls seed-borne & seedling root pathogens of peas, chickpeas, lentils, faba beans and vetch as specified in the Directions For Use table.

### SAFETY DIRECTIONS

Harmful if absorbed by skin contact or swallowed. May irritate the eyes, nose and throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. **DO NOT** inhale spray mist. When opening the container, preparing and using Reaper® TT Liquid Seed Dressing Fungicide wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves and face shield or goggles. If Reaper® TT Liquid Seed Dressing Fungicide on skin, immediately wash area with soap and water. If Reaper® TT Liquid Seed Dressing Fungicide in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

### FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. Avoid giving alcohol.

### SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from [www.fmccrop.com.au](http://www.fmccrop.com.au)

### GENERAL INSTRUCTIONS

Reaper® TT Liquid Seed Dressing Fungicide does not adversely affect germination, however when Rhizobium cultures (inoculum) are also added to seed, the viability of the inoculum may be reduced. Always apply the fungicide first and allow to dry. Apply the inoculum immediately prior to sowing.

Seed treatment will control Black Spot and *Fusarium spp.* and *Botrytis cinerea* pathogens already present in pea seed. Treatment will also give young pea plants early protection from any external infection from Black Spot.

Seed treatment can alter seed flow characteristics. The drill should be recalibrated using treated seed prior to seedling. Equipment used for applying Reaper® TT Liquid Seed Dressing Fungicide can be cleaned out with water.

All seed that has been stored may lose viability especially if it becomes hot or damp. Reaper® TT Liquid Seed Dressing Fungicide has no adverse effect on seed viability or seedling vigour for up to 15 months after treatment, but all seed should be tested for germination in the year it is used to ensure that there is sufficient viable seed sown to establish the optimum seedling density.

Reaper® TT Liquid Seed Dressing Fungicide treated seed carried over from previous seasons may not provide

adequate control of soil borne pathogens (e.g *Pythium spp.* and *Fusarium spp.*).

Treated seed is to be used only for sowing.

### FUNGICIDE RESISTANCE WARNING

<b>GROUP</b>	<b>M3</b>	<b>1</b>	<b>FUNGICIDE</b>
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Reaper® TT Liquid Seed Dressing Fungicide is a combination of a Benzimidazole and Multi-site Activity fungicide. For fungicide resistance management, Reaper® TT Liquid Seed Dressing Fungicide is both a Group M3 and a Group 1 Fungicide.

Some naturally occurring individual fungi resistant to Reaper® TT Liquid Seed Dressing Fungicide and other Group M3 and/or Group 1 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 Reaper® TT Liquid Seed Dressing Fungicide and other Group M3 and /or Group 1 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, FMC Manufacturing Pty Ltd accepts no liability for any losses that may result from the failure of Reaper® TT Liquid Seed Dressing Fungicide to control resistant fungi.

## MIXING

Shake well before use. Add water and Reaper® TT Liquid Seed Dressing Fungicide to the applicator tank and mix well. Maintain agitation during use. Where the diluted Reaper® TT Liquid Seed Dressing Fungicide has been permitted to stand for an extended period, the mixture should be again agitated well. **DO NOT** permit the Reaper® TT Liquid Seed Dressing Fungicide to dry-out in application equipment as flaking may occur and contribute to nozzle blockages.

## PROTECTION OF LIVESTOCK

**DO NOT** allow treated seed to contaminate grain intended for animal consumption. Treated seed is not to be used as food for poultry or any other animal.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

**DO NOT** feed treated seed or otherwise expose to wild or domestic birds. **DO NOT** contaminate dams, rivers, streams, ponds, waterways and drains with Reaper® TT Liquid Seed Dressing Fungicide, with the used containers or bags or other containers which have held treated seed.

## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. **DO NOT** repack or use container for other purposes. When treated seed is stored it must be stored apart from other seed and bags or containers must be clearly marked indicating the contents have been treated with Reaper® TT Liquid Seed Dressing Fungicide. Treated seed is not to be used for human consumption. Bags or other containers which have held treated seed are not to be used for any other purpose.

## Leaflet

The method of disposal of the container depends on the container type. Read the 'Storage and Disposal' instructions on the label that is attached to the container.

### Non-returnable containers only

Triple rinse containers before disposal. Add rinsings to the 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 to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm 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.

### 100 L, 110L

**DO NOT** remove or tamper with the dry valves or security seal. **DO NOT** contaminate the drum with water or any other foreign matter. After each use of Reaper® TT Liquid Seed Dressing Fungicide ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the drum is empty remove the dry valve coupler and return to the point of purchase.

## DIRECTIONS FOR USE (ALL STATES)

### RESTRAINTS

**DO NOT** mix Reaper® TT Liquid Seed Dressing Fungicide with legume Rhizobium inoculant.

SEED TYPE	DISEASE	RATE	CRITICAL COMMENTS
Peas Field and Garden	Black Spot (Leaf and Pod Spot and Collar Rot) ( <i>Mycosphaerella pinodes</i> , <i>Ascochyta pisi</i> , <i>Phoma medicaginis</i> , var. <i>pinodella</i> )	200 mL per 100 kg of seed	<p><b>Peas, lentils, faba beans, vetch:</b> This liquid seed dressing may be diluted with 1 part water to 2 parts of Reaper® TT Liquid Seed Dressing Fungicide. Apply 300 mL of diluted mixture to 100 kg of seed.</p> <p><b>Chickpeas:</b> In the case of chickpea seed, mix 8 parts of water to 2 parts of Reaper® TT Liquid Seed Dressing Fungicide. Apply 1 L of diluted mixture to 100 kg of chickpea seed.</p> <p>Seed must be treated uniformly using correctly calibrated see treatment equipment.</p> <p>Secondary mixing of treated seed (e.g. in an auger) is important to obtain even coverage.</p> <p>In the case of Ascochyta (peas, chickpeas and lentils) and Botrytis (chickpeas), Reaper® TT Liquid Seed Dressing Fungicide will provide control of seed borne infection, but follow up foliar fungicide sprays registered for this purpose, will be required to control field infection from other sources.</p> <p>*This disease is not known to occur in WA.</p>
	Seedling Root Rots ( <i>Fusarium</i> spp., <i>Pythium</i> spp., * <i>Mocrophomina phaseolina</i> )		
Chickpeas	Ascochyta blight ( <i>Ascochyta rabiei</i> ), Botrytis Seed Rot ( <i>Botrytis cinerea</i> ), Seedling Root Rots ( <i>Fusarium</i> spp., <i>Pythium</i> spp.)		
Lentils	Ascochyta blight ( <i>Ascochyta lentis</i> ), Seedling Root Rots ( <i>Fusarium</i> spp., <i>Pythium</i> spp.)		
Faba beans, Vetch	Seedling Root Rots ( <i>Fusarium</i> spp., <i>Pythium</i> spp.)		

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

### WITHHOLDING PERIODS

NOT REQUIRED WHEN USED AS DIRECTED.

### NOTICE TO BUYER

To the extent permitted by the Competition and Consumer Act (2010) or any relevant legislation of any State or Territory (the "Legislation") all conditions and warranties and statutory or other rights of action, whether arising in contract or tort or whether due to the negligence of FMC or Seller, which buyer or any other user may have against FMC or Seller are hereby excluded provided however that any rights of the buyer pursuant to non-excludable conditions or warranties of the Legislation are expressly preserved. FMC hereby gives notice to buyer and other users that to the extent permitted by the Legislation it will not accept responsibility for any indirect or consequential loss of whatsoever nature arising from the storage, handling or use of this product. Where permitted by the Legislation FMC's liability shall in all circumstances be limited to the replacement of the product, or a refund of the purchase price paid therefor.

The product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of FMC or the Seller. Buyer accepts these risks.

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**IN A MEDICAL EMERGENCY CALL 1800 033 111 ALL HOURS**

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**SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS – AUSTRALIA WIDE**