

CAUTION

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



METALAXYL-M 350

Fungicide Seed Treatment

ACTIVE CONSTITUENT: 350 g/L METALAXYL-M

GROUP 4 FUNGICIDE

For the control of seedling disease caused by *Pythium* and *Phytophthora* in cotton, peas, lucerne, subterranean clover, carrots, beetroot, maize, sweetcorn and radish.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

4 FARMERS AUSTRALIA PTY LTD

A.B.N. 51 160 092 428

1 / 70 McDowell Street, Welshpool, WA 6106

Tel: (08) 9356 3445 Fax: (08) 9356 3447

Batch Number: _____ Date of Manufacture: _____
APVMA Approval No: 84298/110068

DIRECTIONS FOR USE

CROP	DISEASE CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Beetroot	Damping-off	All States	100mL/100kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.
Carrots			200mL/100kg seed	
Chickpeas	Phytophthora Root Rot (<i>Phytophthora megasperma</i>)	Qld, NSW, Vic, SA, WA only	75mL/100kg seed	Apply diluted with water before sowing. Apply Chickpea Rhizobium inoculum separately from 4Farmers Metalaxyl-M 350 as mixing with inoculum reduces nodulation. DO NOT store treated seed for more than 6 months before sowing.
Cotton	<i>Fusarium</i> wilt disinfection	Qld, NSW only	43mL/100kg seed	Apply diluted with water before sowing. Treated cotton and lucerne seed can be stored for up to 18 months provided it is kept under dry conditions, avoiding temperature extremes.
Lucerne	Damping-off	All States	100mL/100kg of seed	
Maize, Sweet Corn	Downy Mildew	Qld, Tas, WA, NT only	150 to 250mL/100kg seed	Apply diluted with water 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. DO NOT store treated sweet corn seed for more than 6 months before sowing.
Peas	Damping-off	All States NSW, Tas, SA, WA only	75 mL/100 kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.
Radish	Downy Mildew	Qld, NSW, Tas only	175 mL/100kg seed	
Soybean	Phytophthora Stem Rot, Damping-off	Qld, NSW, WA only	150mL/100kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing. Varieties of high susceptibility to the disease may become infected after 3 to 4 weeks if conditions favour the disease infection.
Subterranean Clover	Damping-off	All States	100mL/100kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.

**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

GENERAL INSTRUCTIONS

Only controls Damping-off diseases caused by *Pythium* and *Phytophthora* and provides control of Stem Rot caused by *Phytophthora* for 3 to 4 weeks after emergence. 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment will not control Damping-off caused by *Rhizoctonia*, *Fusarium* or other fungi.

APPLICATION

Treatment in small lots by the farmer

May be applied by shaking with seed in a tin, enclosed drum or plastic bag.

1. Premix 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment with water to a total volume of not less than 5mL nor more than 10mL per kg of seed when 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment is applied alone. If additional seed treatments are applied in combination with 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment a higher total application volume may be required to ensure even coverage of seed.
2. Apply solution to seed and vigorously mix for 1 to 2 minutes.

Treatment of large seed lots

by commercial seed treatment equipment

For large-scale seed treatment, the product should be applied diluted with water in specialised seed treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed. Prepare the solution as follows:

1. Fill the solution tank with the required volume of water and mix with the appropriate volume of 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment. Total volumes of not less than 500mL nor more than 1L of water per 100kg of seed are recommended when 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment is applied alone. If additional seed treatments are applied in combination with 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment a higher total application volume may be required to ensure even coverage of seed.
 2. Switch on the stirring system and stir.
- The prepared solution must be used within 1 week.

FUNGICIDE RESISTANCE WARNING

GROUP	4	FUNGICIDE
--------------	----------	------------------

4Farmers Metalaxyl-M 350 Fungicide Seed Treatment is a member of the phenylamide group of fungicides. For fungicide resistance management 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment is a Group 4 fungicide. Some naturally occurring individual fungi resistant to 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment 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 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment 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, 4Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of 4Farmers Metalaxyl-M 350 Fungicide Seed Treatment to control resistant fungi.

PRECAUTIONS

DO NOT use treated seed for animal or human consumption.

DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption.

DO NOT feed treated seed, or otherwise expose, to wild or domestic birds. When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated. Bags which have held treated seed should not be used for any other purpose.

PROTECTION OF LIVESTOCK

DO NOT feed treated seeds to animals, including poultry.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL

Store in closed original container in a cool, well ventilated area as cool as possible. DO NOT store for prolonged periods in direct sunlight.

Triple-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 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.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin.

When opening the container and preparing the dilute solution wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves; and face shield or goggles.

When using the prepared solution wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves.

If product 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

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

CONDITIONS OF SALE

4Farmers Australia Pty Ltd has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. 4Farmers Australia Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

In a Transport Emergency Dial 000 Police or Fire Brigade	Special Poisons Advice: 13 11 26
---	---