

CAUTION
KEEP OUT OF REACH OF CHILDREN

ZEEMIL[®] 50G

SYSTEMIC GRANULAR FUNGICIDE

ACTIVE CONSTITUENT: 50 g/kg METALAXYL



GROUP

4

FUNGICIDE

For control of phytophthora root rot of avocados, phytophthora root rot and trunk canker of macadamia nuts, phytophthora trunk rot of peaches, damping off of certain vegetable crops as specified in the Directions For Use table

NET CONTENTS: 10KG

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DIRECTIONS FOR USE

CROP	DISEASE	STATE	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS	
Avocados Replanting Infested Sites	Phytophthora Root Rot	Qld, NSW, SA, WA only	100 g per square metre of soil surface.	-	Apply at planting and repeat 8 to 12 weeks later. Incorporate in the soil by cultivation or watering. DO NOT use on unsterilised potting soil in avocado nurseries.	
Avocados Potted Nursery trees, Dry Soil Mix	Phytophthora Root Rot		10 g/10 L pot or 1 kg per cubic metre of soil.	-	Potting soil should first be treated by using steam sterilisation procedures. Dry Soil Mix: After sterilisation and just before planting or re-potting, incorporate thoroughly into the soil. Follow up with two soil treatments 8 to 12 weeks apart. Soil Treatment: if soil mix treatment has not been used at planting, apply three times 8 to 12 weeks apart. Wet the surface of the soil before applying the fungicide.	
Avocados Curative Treatment	Phytophthora Root Rot		100 g per square metre.	7 days	For established trees showing moderate to severe symptoms of decline. Apply as a soil application at beginning of summer wet season and again 8 to 12 weeks later until trees have recovered. Clear all weed growth from under tree canopy. To ensure that the fungicide is carried into the root zone of the tree apply when rain is imminent or use irrigation. Severely defoliated trees and limbs damaged by exposure to full summer sunlight should be pruned to remove damaged limbs prior to treatment and exposed limbs painted with white plastic paint to prevent sunburn. It is essential that good management practices include proper mulching, fertilisation and irrigation where required be followed to allow satisfactory response to Root Rot control by Zeemil 50G. In WA for dryland crops - apply in the autumn and again in the spring; for irrigation crops - apply in the spring and repeat the application at 3 monthly intervals during the summer/autumn period.	
Avocados Protective Treatment	Phytophthora Root Rot		25 g to 50 g per square metre	7 days	For treatment of apparently healthy trees at risk from Root Rot or showing signs of feeder root destruction or for trees which have recovered following application of Zeemil 50G curative treatment.	
Macadamia Nuts Maintenance Treatment	Phytophthora Root Rot and Trunk Canker	Qld, NSW, WA only	25 g to 50 g per square metre	4 weeks	Use as a soil application at the beginning of summer wet season and repeat at 3 to 6 month intervals. Use the higher rates and more frequent treatments where the risk of infection is highest. Apply in alternate years only. Ensure weed growth is removed from under the tree and treat the entire area under the tree canopy. It is essential that good management practices including proper mulching, fertilisation and irrigation be followed to allow satisfactory response to Root Rot control by Zeemil 50G. In WA for dryland avocado crops apply at times as indicated above for CURATIVE TREATMENT in alternate years only.	
Macadamia Nuts Curative Treatment	Phytophthora Root Rot and Trunk Canker		100 g per square metre	4 weeks	Clear all weed growth and heavy trash from under the tree. Apply as a soil treatment to the entire area under the tree canopy. Apply at the beginning of summer wet season and again 8 to 12 weeks later. To ensure the fungicide is carried into the root zone of the tree apply when rain is imminent or use irrigation. Apply further treatment of Zeemil 50G as required at 6 monthly intervals until trees have recovered.	
Peaches 5 years or older	Phytophthora Trunk Rot (<i>P. cactorum</i>)	Vic, SA, WA only	100 g per tree	6 weeks	Apply the granules in the autumn after harvesting is completed and again in the spring when trees have a good leaf cover. Apply the granules evenly in a shallow (5 cm) gutter dug around the base of the tree trunk. To ensure movement into the soil apply approximately 20 litres of water per tree or apply an appropriate amount of water with overhead irrigation within 24 hours of applying the granules.	
	Phytophthora Trunk Rot (<i>P. cinnamomi</i>)	Qld only				
Potatoes	Pink Rot (<i>Phytophthora erythroseptica</i>)	Tas, Vic, WA only	20 kg per ha	-	For use in fields with a previous history of the disease or where conditions favour the disease. Granules should be applied at the time of sowing, directly into the seed furrows as a narrow band treatment close to the seed-piece. Follow up with a program of Zeemil MZB 720 WP foliar application commencing 4 to 6 weeks after planting.	
Cucurbits, Capsicums, Cabbage, Cauliflower, Broccoli, Brussels Sprouts	Damping off (<i>Pythium</i> spp. and <i>Phytophthora</i> spp.)	NSW, Qld, WA only	2.5 g per 10 litres of organic potting mix used for container grown seedlings	7 days	Thoroughly mix granules during preparation of potting mix.	
			Pre-transplant: 40 kg per ha or 120 g per 100 m of row			Apply in 30 cm wide band along the rows and incorporate into soil.
			Carrots			40 kg per ha or 120 g per 100 m of row
Tomatoes			Seedbeds: 5 g to 10 g per 10 m ²		Seedbeds: Broadcast granules evenly over seed beds.	
			Container grown seedlings: 2.5 g per 10L of potting mix.		Container grown seedlings: Thoroughly mix granules during preparation of potting mix.	
			Pre-transplant: 20 g to 40 kg per ha or 60 g to 120 g per 100 m of row		Pre transplant: Apply in a 30 cm wide band and incorporate into the soil to a depth of 5 to 10 cm. Repeat after 21 days using the highest rate, apply in a 30 cm wide band and irrigate into the soil.	

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

WITHHOLDING PERIODS

AVOCADOS, CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

MACADAMIA NUTS: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

PEACHES: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.

POTATOES, CARROTS, TOMATOES: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS**FUNGICIDE RESISTANCE WARNINGS**

GROUP	4	FUNGICIDE
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ZEEMIL 50G is a member of the Phenylamide group of fungicides. For fungicide resistance management ZEEMIL 50G is a Group 4 fungicide.

Some naturally occurring individual fungi resistant to ZEEMIL 50G 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 ZEEMIL 50G 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, UPL Australia Pty Ltd accepts no liability for any losses that may result from the failure of ZEEMIL 50G to control resistant fungi.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of 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.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from the supplier.

CONDITIONS OF SALE

UPL Australia Pty Ltd accepts responsibility for the 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.

Additional statements required by Globally Harmonised System for classification and labelling of chemicals (GHS) and Safe Work Australia:

May cause an allergic skin reaction. Read label before use. Avoid breathing dust, fume, gas, mist, vapours or spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective clothing, gloves, eye/face protection and suitable respirator.

In an Emergency
Dial **000**
Police or Fire Brigade

24 Hour Emergency Response Service
Australia **1800 033 111**
International **+61 3 9663 2130**

BATCH NO**DOM**

APVMA Approval No: 50433/135760

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