



Product Name: NUFARM DIGGER FUNGICIDE
APVMA Approval No: 65130 / 121643

Label Name:	NUFARM DIGGER FUNGICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	250 g/L DIFENOCONAZOLE 698 g/L HYDROCARBON LIQUID 35 g/L POLYETHANOXY (15) TALLOW AMINE
Mode of Action:	GROUP 3 FUNGICIDE
Statement of Claims:	Controls Target Spot of Potatoes and Tomatoes, Leaf Spot Diseases of Bananas, Beetroot, Carrots and Celery, Powdery Mildew of Grapevines and Husk Spot on Macadamias.
Net Contents:	5L
Restrains:	DO NOT apply more than the number of applications of Digger per season as indicated in the Critical Comments for the relevant crop. The effect of Digger could be diminished if rain falls within 2 hours of application. DO NOT apply by aircraft to grapevines.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	HARVEST BANANAS: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

TOMATOES: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION
BEETROOT: DO NOT HARVEST FOR 4 DAYS AFTER APPLICATION
CARROTS, CELERY, POTATOES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION
GRAPES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
AVOCADOS, MACADAMIAS: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING

GRAPES: DO NOT ALLOW LIVESTOCK TO GRAZE TREATED VINEYARDS FOR 2 DAYS AFTER APPLICATION. LIVESTOCK USED FOR GRAZING INTER-ROWS OR LEAF PLUCKING MUST THEN NOT BE SENT FOR SLAUGHTER UNTIL 6 WEEKS AFTER REMOVAL FROM THE VINEYARD.

Trade Advice:

EXPORT OF TREATED FRUIT OR WINE

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with Digger. Additionally some export markets have established MRLs different to those in Australia. If growing fruit for export (either fresh, dried or for wine production) please check with your industry representative or Nufarm Australia Ltd. If growing wine grapes, contact the Australian Wine Research Institute www.awri.com.au for the latest information on MRLs and overseas import tolerances BEFORE using Digger.

General Instructions:

MIXING

Add the required amount of Digger directly to the spray tank and mix well.

APPLICATION

Thorough coverage is essential for effective results. For aerial application use 20-30L water/ha. For ground application, use at least 100L water/ha.

Macadamia nuts: Apply by high volume (dilute) sprayer or by concentrate sprayer.

Dilute spraying

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Direction for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate spraying

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (see Dilute spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: for example 2000L/ha
 2. Your chosen concentrate spray volume: for example 500L/ha
 3. The concentration factor in this example is: $4 \times$ (i.e. $2000L \div 500L = 4$)
 4. If the dilute label rate is 50mL/100L, then the concentrate rate becomes 4×50 , that is 200mL/100L of concentrate spray.
- The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows.

	<ul style="list-style-type: none"> • For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.
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Resistance Warning:	<p>FUNGICIDE RESISTANCE WARNING GROUP 3 FUNGICIDE</p> <p>Nufarm Digger Fungicide is a member of the DMI group of fungicides. For fungicide resistance management Digger Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to Digger Fungicide and other Group 3 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 Digger Fungicide or other Group 3 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, Nufarm Australia Ltd accepts no liability for any losses that may result from the failure of Nufarm Digger Fungicide to control resistant fungi.</p>
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Precautions:	<p>Re-entry Period DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist and butyl rubber gloves. Clothing must be laundered after each day's use.</p>
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Protections:	<p>PROTECTION OF LIVESTOCK Low hazard to bees. May be applied to plants any time.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to aquatic organisms. DO NOT spray within 5 m downwind of water bodies. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly wetlands, water bodies or watercourses. DO NOT contaminate dams, waterways or drains with the product or its container.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool, well ventilated area. 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 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.</p>
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Safety Directions:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766. If swallowed, DO NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
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First Aid Warnings:	
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DIRECTIONS FOR USE

CROP	DISEASE CONTROLLED	STATE	RATE	WHP	CRITICAL COMMENTS
Bananas including bananas interplanted with avocados	Yellow Sigatoka (<i>Mycosphaerella musicola</i>), Black Sigatoka (<i>Mycosphaerella fijiensis</i>)	Qld, NSW & NT only	Ground Application 400mL/ha + 3-5L/ha of water miscible oil, in a convenient volume of water Aerial Application 400mL/ha + 3-5L/ha of a water miscible oil, in a minimum of 30L of water	1 day	This use is subject to a CropLife Australia Fungicide Resistance Management Strategy. Ground Application: Apply by misting machine or airblast sprayer. Use rates towards the higher end of the range where weather conditions favour diseases or where equipment or terrain does not permit thorough spray coverage of all foliage. NSW, Sth Qld: Ground and aerial application: Commence spraying at the start of the summer rainy season. Apply a maximum of 5 Group 3 sprays in any 12 month period. Apply a maximum of 2 consecutive sprays of Digger at 21-28 day intervals before applying further treatments of a fungicide from a different activity group. NT, Nth Qld: Ground and aerial applications: Commence spraying at the start of the wet season. Apply a regular schedule of protectant sprays. When the disease potential is high, apply a maximum of 2 consecutive sprays of Digger at 14-21 day intervals before applying further treatments of a fungicide from a different activity group. Apply a maximum of 6 Digger (or other Group 3) sprays in any 12 month period. Continue with treatments using an alternative protectant fungicide for the remainder of the season. Use the lower rate of oil in Nth Qld. DO NOT apply during June, July, August and September.
Beetroot	Leaf spot (<i>Alternaria</i> spp. and <i>Cercospora</i> spp).	All States	300 or 500mL/ha	4 days	Use in a protectant program initially. Apply the 300mL/ha rate at 7 day intervals and the 500mL/ha rate at 10 to 14 days intervals. Use the 500mL/ha rate when conditions favour high disease pressure. Apply no more than 2 consecutive sprays of Digger alone. Then apply a recommended non Group 3 fungicide or tank mix product with a recommended protectant fungicide for at least 1 application before continuing with Digger alone. DO NOT apply more than 6 applications of Digger alone.
Carrots	Leaf blight (<i>Alternaria dauci</i> and <i>Cercospora carotae</i>)	All States	300mL or 500mL/ha	7 days	Use in a protectant program commencing before disease occurs. Limit the use of Group 3 fungicides to periods when conditions favour disease development. Apply the 300mL rate at 7 day intervals and the 500mL rate at 10-14 day intervals. Use the 500mL rate when conditions favour high disease pressure. Apply no more than 2 consecutive sprays of Digger alone. Then apply a recommended non Group 3 fungicide or tank mix Digger with a recommended protectant fungicide for at least 1 application before continuing with Digger alone. Good crop hygiene will aid disease control.
Celery	Cercospora leaf spot Septoria spots	All States	300mL/ha	7 days	Use in a protectant program before disease occurs. Apply at 10-14 day intervals when conditions favour disease development. Apply a maximum of 4 applications per season. DO NOT apply more than 2 consecutive sprays of Digger. Alternate with a recommended protectant fungicide from a different chemical group for at least one application before continuing with Digger alone, or in a tank mix.
Grapes - Including Table, Wine and dried	Powdery mildew (<i>Erysiphe necator</i>)	All States	Dilute spraying: 25 mL/100L Concentrate spraying: Refer to the Application section.	4 weeks	Apply as part of a five spray programme: 1. When shoots are 10-20 cm long. 2. Pre-flowering. 3. Flowering 4. After fruit set. 5. Before bunch closure. DO NOT allow spray intervals to exceed 21 days. In some seasons, additional non-schedule sprays may be necessary later in the season. This use is subject to a CropLife Australia Fungicide Resistance Management Strategy: DO NOT apply more than two consecutive sprays of a Group 3 fungicide. DO NOT apply more than three Group 3 sprays per season. DO NOT use Group 3 fungicides curatively. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use in equipment that requires rates greater than 125mL of chemical/100L water (5x). DO NOT apply in volumes less than 250L/ha.
Macadamia nuts	Husk spot (<i>Pseudo-cercospora macadamiae</i>)	Qld, NSW & NT only	Dilute spraying 50mL/100L water Concentrate spraying Refer to the Application section	-	Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Use in a protectant fungicide program containing fungicides from different chemical groups. Commence fungicide applications at nut set (approximately late September) and continue the fungicide program until late December, with applications at 3 to 4 week intervals. Apply a maximum of 2 applications of Digger per season. Ensure thorough spray coverage. Add Shirwet® 600 Spray Activator Wetting and Spreading Agent at a rate of 10mL/100L.

CROP	DISEASE CONTROLLED	STATE	RATE	WHP	CRITICAL COMMENTS
Potatoes	Target spot/ Early blight (<i>Alternaria solani</i>)	All States	300mL/ha or 500mL/ha	7 days	<p>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy.</p> <p>Use in a protectant program commencing when rows meet and before disease occurs. Limit the use of Group 3 fungicides to periods when conditions favour disease development. Apply the 300mL rate at 7 day intervals and the 500mL rate at 10-14 day intervals. Use the 500mL rate when conditions favour high disease pressure.</p> <p>Apply no more than 2 consecutive sprays of Digger alone. Then apply a recommended non Group 3 fungicide or tank mix Digger with a recommended protectant fungicide for at least 1 application before continuing with Digger alone. DO NOT apply more than 6 Digger (or other Group 3 fungicide) sprays in a season.</p> <p>Good crop hygiene will aid disease control. Digger does not control late blight, <i>Phytophthora infestans</i>. If this disease is a problem, mix Digger with an appropriate fungicide for control of this disease and observe the spray interval for that product.</p>
Tomatoes	Target spot (<i>Alternaria solani</i>)	All States	300mL/ha or 500mL/ha	3 days	<p>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy.</p> <p>Use in a protectant program commencing soon after transplanting. Limit the use of Group 3 fungicides to periods when conditions favour disease development. Apply the 300mL rate at 7 day intervals and the 500mL rate at 10 day intervals. Apply no more than 2 consecutive sprays of Digger alone. Then apply a recommended non Group 3 fungicide or tank mix Digger with a recommended protectant fungicide for at least 1 application before continuing with Digger alone. DO NOT apply more than 6 Digger (or other Group 3 fungicide) sprays in a season.</p> <p>Good crop hygiene will aid disease control.</p>

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