



## CAUTION

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

Nufarm

# Digger®

Fungicide

**ACTIVE CONSTITUENT: 250g/L DIFENOCONAZOLE**  
**SOLVENT: 696g/L LIQUID HYDROCARBON**

GROUP **3** FUNGICIDE

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.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT**

[nufarm.com.au](http://nufarm.com.au)

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Contents: 5 Litres

APVMA Approval No.: 65130/107589

### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. 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. 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 butyl rubber 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 butyl rubber 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; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. Give a glass of water.

### ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

**Suspected of causing cancer. Causes serious eye damage. May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.** Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing, eye and face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF SWALLOWED: Rinse mouth.

### SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained from your supplier or the Nufarm website – [www.nufarm.com.au](http://www.nufarm.com.au)

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

### CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies,

expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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GROUP **3** FUNGICIDE

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READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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### DIRECTIONS FOR USE

#### Restraint

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.

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	<b>Ground Application</b> 400mL/ha + 3-5L/ha of water miscible oil, in a convenient volume of water  <b>Aerial Application</b> 400mL/ha + 3-5L/ha of a water miscible oil, in a minimum of 30L of water	1 day	<b>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy.</b> <b>Ground Application:</b> 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. <b>NSW, Sth Qld: Ground and aerial application:</b> 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. <b>NT, Nth Qld: Ground and aerial applications:</b> 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.

CROP	DISEASE CONTROLLED	STATE	RATE	WHP	CRITICAL COMMENTS
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 - Table and dried	Powdery mildew ( <i>Erysiphe necator</i> )	All States	<b>Dilute spraying:</b> 25 mL/100L  <b>Concentrate spraying:</b> 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.  <b>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy:</b> 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.
Grapes - Wine				-	Apply as part of a protectant program.  Apply a maximum of 2 applications per season either as consecutive sprays or in alternation with other fungicides.  DO NOT apply after growth stage EL25 (80% cap fall).  Do not allow spray intervals to exceed 21 days. Shorter intervals between sprays may be warranted if Digger is being applied during periods of rapid vine growth. If applying consecutive applications of Digger, a minimum spray interval of 7 days is required.  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	<b>Dilute spraying</b> 50mL/100L water  <b>Concentrate spraying</b> Refer to the Application section	-	Apply by dilute or concentrate spraying equipment. <b>Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</b> 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	<b>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy.</b> 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. 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. 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.
Tomatoes	Target spot ( <i>Alternaria solani</i> )	All States	300mL/ha or 500mL/ha	3 days	<b>This use is subject to a CropLife Australia Fungicide Resistance Management Strategy.</b> 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. Good crop hygiene will aid disease control.

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

#### WITHHOLDING PERIODS

##### HARVEST

**BANANAS:**

**DO NOT HARVEST FOR 1 DAY AFTER APPLICATION**

**TOMATOES:**

**DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION**

**BETROOT:**

**DO NOT HARVEST FOR 4 DAYS AFTER APPLICATION**

**CARROTS, CELERY, POTATOES:**

**DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

**TABLE GRAPES:**

**DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION**

**AVOCADOS, MACADAMIAS, WINE GRAPES: NOT REQUIRED WHEN USED AS DIRECTED**

##### GRAZING

**GRAPES:**

**DO NOT GRAZE VINEYARDS AFTER APPLICATION**

#### 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](http://www.awri.com.au) for the latest information on MRLs and overseas import tolerances BEFORE using Digger.

#### GENERAL INSTRUCTIONS

##### FUNGICIDE RESISTANCE WARNING

GROUP	<b>3</b>	FUNGICIDE
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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.

##### 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:  $4 \times$  (ie  $2000L \div 500L = 4$ )
  4. If the dilute label rate is 50mL/100 L, then the concentrate rate becomes  $4 \times 50$ , 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.
  - For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

## COMPATIBILITY

This product is compatible with Monitor\*, Nitofol\*, Rogor\*, Nufarm Dimethoate, Supracide\*, Lorsban\*, Nufarm Chlorpyrifos 500EC, Pirimor\*, Axe\*, Dominex\*, Astound®, Fastac\*, Ridomil\* MZ formulations, Bravo\*, Barrack\*, Sumislex\*, Fortress\*, Rovral\*, Corvette\*, Dithane\* M-45, Kendon High K, urea, EC formulations of synthetic pyrethroids and organophosphate insecticides and formulations of copper oxychloride.

## PRECAUTIONS

### 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.

### PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied to plants any time.

### 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.

### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. 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. 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 butyl rubber 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 butyl rubber 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; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. Give a glass of water.

### ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

**Suspected of causing cancer. Causes serious eye damage. May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.** Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing, eye and face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF SWALLOWED: Rinse mouth.

#### **SAFETY DATA SHEET**

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