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

# Propiconazole 250 EC

ACTIVE CONSTITUENT: 250 g/L PROPICONAZOLE SOLVENT: 657.5 g/L LIQUID HYDROCARBON

GROUP **3** FUNGICIDE

For the control of certain fungal diseases of Bananas, Oats, Peanuts, Perennial Ryegrass, Pineapples, Stone Fruit, Sugar Cane, Wheat and other crops in certain States as specified in the Directions for Use Table. IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Australis Crop Protection Pty Ltd ABN 94 150 711 185 Shop 4, 30 Heber Street, Moree NSW 2400 Telephone: 0417 329 133 • Facsimile: 07 3337 9882

www.austcrop.com.au

**CONTENTS: 20 LITRES** 

BATCH NO:

DATE OF MANUFACTURE:

# Propiconazole 250 EC

#### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area. D0 NOT store for prolonged periods in direct sunlight.

**For non-refillable containers:** 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 a 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:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use, then the integrity of this product cannot be assured. If this occurs, Australis Crop Protection Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SAFETY DIRECTIONS

Harmful if swallowed. Will damage the eyes. Will irritate the nose, throat and skin. Avoid contact with eyes and skin. D0 NOT inhale vapour. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC, nitrile or neoprene gloves, goggles and disposable fume mask covering mouth and nose. When using the prepared spray wear cotton overalls, buttoned to the neck and wrist, a washable hat, elbow-length PVC, nitrile or neoprene gloves and goggles. If product in eyes wash it out immediately with water. If product on skin immediately wash area with soap and water. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.

#### **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, DO NOT induce vomiting. Give a glass of water.

#### MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

**CONDITIONS OF SALE:** The use of ACP Propiconazole 250 EC Systemic Fungicide being beyond the control of the manufacturer no warranty expressed or implied is given by Australis Crop Protection Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Australis Crop Protection Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

APVMA Approval No.: 66774/54385





AUSTRALIS CROP PROTECTION Australis Crop Protection Pty Ltd ABN 94 150 711 185

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PEEL HERE

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#### ACTIVE CONSTITUENT: 250 g/L PROPICONAZOLE SOLVENT: 657.5 g/L LIQUID HYDROCARBON

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IMPORTANT: READ THIS LEAFLET BEFORE USE

APVMA Approval No.: 66774/54385

#### STORAGE AND DISPOSAL

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

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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. D0 N0T burn empty containers or product.

**For refillable containers:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use, then the integrity of this product cannot be assured. If this occurs, Australis Crop Protection Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SAFETY DIRECTIONS

Harmful if swallowed. Will damage the eyes. Will irritate the nose, throat and skin. Avoid contact with eyes and skin. D0 NOT inhale vapour. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC, nitrile or neoprene gloves, goggles and disposable fume mask covering mouth and nose. When using the prepared spray wear cotton overalls, buttoned to the neck and wrist, a washable hat, elbow-length PVC, nitrile or neoprene gloves and goggles. If product in eyes wash it out immediately with water. If product on skin immediately wash area with soap and water. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.

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BARCODE AREA
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20L

#### DIRECTIONS FOR USE

DISEASE CONTROLLED	STATE	RATE		WHP	CRITICAL COMMENTS		
		Per Hectare	High volume	1			
Prune Rust ( <i>Tranzschelia discolour</i> )	SA only	_	Dilute Spraying: 32 mL/100 L Concentrate	1 day	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.		
			Spraying: Refer to the Mixing/ Application section		<b>Curative control:</b> Apply when the disease first occurs. Further applications should be made when the disease occurs on new growth.		
					DO NOT make more than 5 applications to any individual tree during the season.		
					<b>Protective Treatment:</b> Spray mancozeb or zineb mixed with ACP Propiconazole 250 EC Systemic Fungicide at the full-recommended rates of application.		
					This use is subject to a DMI anti-resistance strategy.		
Leaf Spot	NSW,	Ground Application:	-		This use is subject to a DMI anti-resistance strategy.		
( <i>Mycospnaerella musicola</i> ), Leaf Speckle ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana johnstonil</i> )	WA, 200 to 400 mL + 3 to   Sth Qld 5 L of water miscible   only oil, in a convenient   volume of water. Aerial Application:   Nth 400 mL + 3 to 5 L of   Qld, a water miscible oil, in a minimum of 30L   only of water.   Aerial Application	Sth Qld only oil, in a convenient volume of water. Aerial Application:	oil, in a convenient volume of water. Aerial Application: 400 mL + 3 to 5 L of a water miscible oil, in a minimum of 30L of water. Aerial Application	5 L of water miscible oil, in a convenient volume of water. Aerial Application: 400 mL + 3 to 5 L of a water miscible oil, in a minimum of 30L of water. Aerial Application			<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.
Leaf Spot ( <i>Mycosphaerella musicola</i> ), Leaf Speckle ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana musae</i> )		a water miscible oil, in a minimum of 30L of water. <b>Aerial Application</b>			ld, Id, NT NY NY A water miscible oil, in a minimum of 30L of water. Aerial Application	a water miscible oil, in a minimum of 30L of water. Aerial Application	
Black Sigatoka ( <i>Mycosphaerella fijiensis</i> <i>var difformis</i> )	Qld, WA, NT only				at 21 to 28 day intervals before further treatments of an alternative recommended protectant fungicide are applied. <b>NT, WA, Nth Qld: Ground and aerial application:</b> Commence spraying at the start of the wet season and apply a maximum of 6 sprays per season at 14 to 21 day intervals. For effective control the product must be applied for at least 2 consecutive sprays at 14 to 21 day intervals before further treatments of an alternative recommended fungicide are applied. Continue with treatments of an alternative recommended protective fungicide for the remainder of the season. Use the lower rate of oil in Nth Qld. DO NOT apply during July, August, September and October.		
	Prune Rust ( <i>Tranzschelia discolour</i> ) Leaf Spot ( <i>Mycosphaerella musicola</i> ), Leaf Speckle ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana johnstonil</i> ) Leaf Spot ( <i>Mycosphaerella musicola</i> ), Leaf Spot ( <i>Mycosphaerella musicola</i> ), Leaf Speckle ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana musae</i> ) Black Sigatoka ( <i>Mycosphaerella fijiensis</i>	Prune Rust (Tranzschelia discolour)SA onlyPrune Rust (Tranzschelia discolour)SA onlyLeaf Spot (Mycosphaerella musicola), Leaf Speckle (Mycosphaerella musae), Cordana Leaf Spot (Cordana johnstonil)NSW, WA, Sth Qld onlyLeaf Spot (Mycosphaerella musicola), Leaf Spot (Cordana Leaf Spot (Cordana Musae)Nth Qld, WA, NT onlyBlack Sigatoka (Mycosphaerella fijiensisQld, WA, NT	Prune Rust (Tranzschelia discolour)SA only—Prune Rust (Tranzschelia discolour)SA only—Leaf Spot (Mycosphaerella musicola), Leaf Speckle (Mycosphaerella musae), Cordana Leaf Spot (Cordana johnstonil)NSW, WA, Sth Qld onlyGround Application: 200 to 400 mL + 3 to 5 L of water miscible oil, in a convenient volume of water.Leaf Spot (Mycosphaerella musae), Cordana Leaf Spot (Cordana musae)Nth Qld, WA, NT onlyAerial Application without water: 400 mL + 3 to 5 L of a water miscible oil, in a minimum of 30L of water.Black Sigatoka (Mycosphaerella fijiensis var difformis)Qld, WA, NT onlyQld, WA, NT only	Prune Rust ( <i>Tranzschelia discolour</i> )SA only—Per HectareHigh volumePrune Rust ( <i>Tranzschelia discolour</i> )SA only——Dilute Spraying: 32 mL/100 LConcentrate Spraying: Refer to the Mixing/ Application sectionSoney——Leaf Spot ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana johnstonil</i> )NSW, WA, Sth Old onlyGround Application: 200 to 400 mL + 3 to 5 L of water miscible oil, in a convenient volume of water.—Leaf Spot ( <i>Mycosphaerella musae</i> ), Cordana Leaf Spot ( <i>Cordana johnstonil</i> )Nth Qld, WA, NT onlyMth Qld, WA, NT onlyGround Application: 200 to 400 mL + 3 to 5 L of a water miscible oil, in a minimum of 30L of water.—Black Sigatoka ( <i>Mycosphaerella fijiensis var difformis</i> )Qld, WA, NT onlyQld, WA, NT onlyQld, WA, NT only	Prune Rust (Tranzschelia discolour)SA only-Dilute Spraying: 32 mL/100 L1 dayPrune Rust (Tranzschelia discolour)SA only-Dilute Spraying: 32 mL/100 L1 dayLeaf Spot (Mycosphaerella musicola), Leaf Speckle (Mycosphaerella musicola), Cordana Leaf Spot (Cordana johnstonil)NSW, WA, Sth Qld onlyGround Application: 200 to 400 mL + 3 to 5 L of water miscible oil, in a convenient volume of water. Application: 400 mL + 3 to 5 L of a water miscible oil, in a convenient volume of waterLeaf Spot (Mycosphaerella musicola), Leaf Spot (Cordana Leaf Spot (Mycosphaerella musicola), Cordana Leaf Spot (Cordana Leaf Spot (Cordana Leaf Spot (Ordana Leaf Spot (Ordana Leaf Spot (Cordana Leaf Spot (Cordana Leaf Spot (Cordana Leaf Spot (Cordana musae)Nth Qld, WA, NT onlyOld, WA, NT onlyNth Qld, WA, NT onlyQld, WA, NT onlyQld, WA, NT onlyBlack Sigatoka (Mycosphaerella fijiensis var difformis)Qld, WA, NT onlyQld, WA, NT onlyQld, WA, NT onlyQld, WA, NT only		

CROP	DISEASE CONTROLLED	STATE	RATE		WHP	CRITICAL COMMENTS
			Per Hectare	High volume		
Barley	Powdery Mildew ( <i>Blumeria graminis</i> )	All States	150 to 500 mL	_	Harvest 4 weeks	Spray at the first sign of the disease during the tillering stage. A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves.
	Barley Scald (Rhynchosporium secalis)		500 mL		Grazing	Powdery Mildew: Higher rates provide longer protection.
	Spot Form Net Blotch (Pyrenophora teres f. maculata)				7 days	Apply after flag leaf is around 70% emerged and before infection averages 10% on the flag-2 leaf. Ensure thorough coverage of stems and leaves.
Boronia	Rust (Puccinia boroniae)	Tas, WA only	500 mL to 1 L	-	-	Apply 2 to 5 applications at 10 to 14 day intervals during the main disease period. Use the lower rate when application is made protectively before disease occurs. Use the higher rate when the disease is first observed and when the minimum numbers of applications are applied.
Oats	Stem Rust ( <i>Puccinia graminis f. sp</i> <i>avenae</i> )	All States	500 mL	-	Harvest 4 weeks	Apply at first signs of disease and before there is an average of over 2 pustules per tiller. Ensure thorough coverage of stems and leaves.
	Crown Rust ( <i>Puccinia coronate f. sp avenae</i> )		250 to 500 mL		Grazing 7 days	Apply after flag leaf is fully emerged or Z39 and before disease levels reach 1% of flag leaf area. Consider control if disease is greater than 5 to 10% on any lower leaf layer. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under lower disease pressure but have reduced residual effect. Ensure thorough coverage.
	Suppression of Septoria Leaf Blotch ( <i>Leptosphaeria avenaria</i> )					Apply after flag blade leaf is fully emerged or Z39 if infection averages 10% on the flag 2 leaf. The high rate of application gives a longer period of protection than the lower rates. Use higher rates on high potential crops when conditions favour severe disease development during flowering. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
Peanuts	Early Leaf Spot ( <i>Cercospora arachidicola</i> ), Late Leaf Spot ( <i>Cercosporidium personatum</i> )	Sth Qld, NSW, WA only	400 to 600 mL	_	14 days	This use is subject to a DMI anti-resistance strategy. Spray when disease symptoms are first observed. Apply at 14-day intervals while weather conditions favour disease. Use rates towards the higher end of the range when wet conditions prevail. Use fungicide from a different activity
	Rust ( <i>Puccinia arachidis</i> )	Sth Qld, WA only	600 mL			group (non DMI) after 3 consecutive sprays using ACP Propiconazole 250 EC Fungicide alone. Apply a maximum of 5 sprays per season. The leaves of peanuts sprayed may become darker green in colour and modified in shape. These effects will not adversely affect yield at recommended rates.

CROP	DISEASE CONTROLLED	STATE	RATE		WHP	CRITICAL COMMENTS
			Per Hectare	High volume	1	
Peppermint Spearmint grown for oil production only	Mint Rust ( <i>Puccinia menthae</i> )	NSW, Vic, Tas only	500 mL	-	5 weeks	Apply 2 to 5 applications at 10 to 14 day intervals during the main disease period. DO NOT use on mint grown for the fresh market.
Perennial Ryegrass	Stem Rust ( <i>Puccinia graminis</i> ), Blind Seed Disease ( <i>Gloeotinia granigena</i> )	Vic only			4 weeks	Apply at ear emergence and again at anthesis.
Plums for Prune production	Prune Rust ( <i>Tranzschelia discolour</i> )	NSW, Vic, SA, WA only	_	Dilute Spraying: 32 mL/100 L Concentrate Spraying: Refer to the Mixing/ Application Section	1 day	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. <b>Curative Control:</b> Apply when the disease first occurs. Further applications should be made when the disease occurs on new growth. DO NOT make more than 5 applications to any individual tree during the season. <b>Protective Treatment:</b> Spray mancozeb or zineb mixed with ACP Propiconazole 250 EC Systemic Fungicide at the full recommended rates of application. <b>This use is subject to a DMI anti-resistance strategy.</b>
Pineapples	Base Rot ( <i>Thielaviopsis paradoxa</i> )	Qld, NT, WA only	-	10 to 20 mL/100 L	-	<b>Preplant dip:</b> Ensure thorough coverage by totally immersing the planting material in the dip solution. Allow 50 mL of the dip solution per plant. Apply the higher rate under conditions of high disease pressure.
Poppies ( <i>Papaver</i> <i>somniferum</i> )	Leaf Smut ( <i>Entyloma fuscum</i> )	Tas only	500 mL	-	28 days	Usage recommended by poppy contract companies. Apply as mid season application in the full flower/petal drop period when disease is present.
Stone Fruit	Brown Rot (Blossom Blight) (Blossom phase) ( <i>Monilinia laxa</i> ) Brown Rot (Blossom phase) ( <i>Monilinia fructicola</i> )	Vic, Tas, WA only Qld, NSW, Tas, SA, WA only	_	Dilute Spraying: 25 mL/100 L	1 day	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. <b>This use is subject to a DMI anti-resistance strategy.</b> Apply at early (1 to 10%) blossom and again at full bloom. A further application is made at shuck-fall.

CROP	DISEASE CONTROLLED	STATE	RATE		WHP	CRITICAL COMMENTS
			Per Hectare	High volume		
Stone Fruit (continued)	Brown Rot (Fruit phase) ( <i>Monilinia fructicola</i> )	Qld, NSW, Vic, Tas, SA, WA only	_	Dilute Spraying: 25 mL/100 L Concentrate Spraying: Refer to the Mixing/ Application Section	1 day	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. Apply 3 weeks and 1 week before harvest. Only 2 consecutive applications of DMI fungicides can be made during this period. The last Blossom Blight spray and the first Brown Rot (fruit phase) spray should be regarded as consecutive applications. For varieties with extended harvesting periods, a third spray during the picking period may be applied if conditions are favourable for disease development.
Sugar Cane	Pineapple Disease ( <i>Ceratocystis paradoxa</i> )	Qld, NSW, WA only	-	20 mL/100 L	-	Ensure thorough coverage of the cut ends of sugar cane setts.
Wheat	/heat Stripe Rust ( <i>Puccinia striiformis</i> ) Qld, NSW, Vic, SA, WA only Tas only	NSW, Vic, SA, WA	250 or 500 mL	-	28 days	Spray between joining and end of flowering when 10 to 20% of leaves are infected. A repeat spray 21 to 28 days later may be required. Use higher rate under high infection pressure or where longer residual protection is required.
					Spray when 10 to 20% of leaves are infected. A repeat spray 21 to 28 days later may be required. Use the higher rate under high infection pressure or when longer residual protection is required.	
	Powdery Mildew ( <i>Blumeria graminis tritici</i> )	All States	150 to 500 mL			Spray at the first sign of the disease during the tillering stage. A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves. Higher rates provide longer protection.
	Stem Rust ( <i>Puccinia graminis</i> )		500 mL			Apply at the first sign of disease and before there are more than 2 pustules per tiller. Ensure thorough coverage of stems and leaves.
	Septoria Nodorum Blotch ( <i>Phaeosphaeria nodorum</i> )		150 to 500 mL			Apply after flag leaves are around 70% emerged if infection averages 10% on the flag-2 leaf. The high rate of application gives a longer period of protection than the lower rates. Use higher rates on high potential crops when conditions favour severe disease development during flowering. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.

CROP	DISEASE CONTROLLED	STATE	RATE		WHP	CRITICAL COMMENTS
			Per Hectare	High volume		
Wheat (continued)	Wheat Leaf Rust ( <i>Puccinia triticina</i> )	All States	150 to 500 mL	_	28 days	Apply after flag leaf is 70% emerged and before disease levels reach 1% of flag leaf area. Consider control if disease is greater than 5 to 10% on any lower leaf layer. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
	Yellow Spot ( <i>Pyrenophora</i> <i>tritici-repentis</i> ), Septoria Tritici Blotch ( <i>Mycosphaerella</i> <i>graminicola</i> )		250 or 500 mL			Apply after flag leaves are around 70% emerged if infection averages 10% on the flag-2 leaf. Higher rates provide longer protection. Use higher rates on high potential crops when conditions favour severe disease development. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.

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

WITHHOLDING PERIODS:

PERENNIAL RYEGRASS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION. PEPPERMINT, SPEARMINT: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION. POPPIES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION. BARLEY, OATS, WHEAT: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

PEANUTS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

APRICOTS, BANANAS, STONE FRUIT: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

PINEAPPLES, SUGAR CANE: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

#### **GENERAL INSTRUCTIONS**

DO NOT apply more than 6 sprays per season.

- **Note:** For cereals, the flag 2 leaf is the 3rd last fully emerged leaf i.e. the second leaf below the flag.
- Wheat Stripe Rust susceptible varieties – apply when 10% leaves infected.
- Wheat Stripe Rust moderately susceptible varieties – apply when 15 to 20% leaves infected.

#### FUNGICIDE RESISTANCE WARNING

ACP Propiconazole 250 EC Systemic Fungicide is a member of the DMI group of fungicides.

GROUP 3 FUNGICIDE

For fungicide resistance management the product is a Group 3 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 3 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product 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, Australis Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

#### MIXING

Shake well before use. Fill the spray tank and then add concentrate. Mix well.

#### Pineapples – Pre-plant dip

Add the required amount of ACP Propiconazole 250 EC Systemic Fungicide directly to the dip and mix well. Avoid excessive contamination of the dip with the organic matter.

#### APPLICATION

ACP Propiconazole 250 EC Systemic Fungicide may be applied by ground rig, high or low volume, or by air.

**Cereals:** May be applied by boom spray or aircraft. Ensure complete coverage of all leaves and stems are obtained. The objective of spraying is to control disease on the upper 2 to 3 leaves during grain filling. With aircraft, as a guide, apply 10 to 20 L/ha with the lower rate being used when applications are made with a cross wind of not less than 5 knots. Use the higher rate when applying to dense crops.

**Apricots, Plums and other Stone Fruits:** Apply by high volume (dilute) sprayer or concentrate sprayer.

**Bananas:** Apply by misting machine, air blast sprayer or aircraft. Use a minimum of 30 L of water if applying by air.

**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 100 L 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 1500 L/ha
- 2. Your chosen concentrate spray volume: for example 500 L/ha
- 3. The concentration factor in this example is:
  - 3 x (i.e.,  $1500 \text{ L} \div \text{ by } 500 \text{ L} = 3$ )
- 4. If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10 that is 30 mL/100 L of concentrate spray.

The chosen spray volume amount of product per 100 L 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

ACP Propiconazole 250 EC Systemic Fungicide may be mixed with any one of the registered products containing azinphos-methyl, chlorothalonil, demeton-s-methyl, diazinon, methomyl liquid, metalaxyl, propargite, parathion, dimethoate, copper oxychloride, mancozeb, zineb and chlorothalonil.

#### PRECAUTION

Re-entry Period: DO NOT enter treated area until spray has dried.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

D0 N0T contaminate streams, rivers or waterways with the chemical or used containers.

#### **PROTECTION OF LIVESTOCK**

Low hazard to bees. No special precautions are required.

#### STORAGE AND DISPOSAL

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

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.

#### SAFETY DIRECTIONS

Harmful if swallowed. Will damage the eyes. Will irritate the nose, throat and skin. Avoid contact with eyes and skin. DO NOT inhale vapour. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC, nitrile or neoprene gloves, goggles and disposable fume mask covering mouth and nose. When using the prepared spray wear cotton overalls, buttoned to the neck and wrist, a washable hat, elbow-length PVC, nitrile or neoprene gloves and goggles. If product in eyes wash it out immediately with water. If product on skin immediately wash area with soap and water. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.

#### **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, DO NOT induce vomiting. Give a glass of water.

#### MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

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