

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

KENSO
agcare

Propiconazole

250

Fungicide
ACTIVE CONSTITUENT : 250 g/L PROPICONAZOLE
SOLVENT : 630 g/L LIQUID HYDROCARBON

GROUP C FUNGICIDE

Control certain fungal diseases of Bananas, Peanuts, Perennial Ryegrass, Pineapples, Stone Fruit, Sugar Cane, Wheat and other crops in certain states as specified in the Direction for Use.

CONTENTS: 20 Litres
IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT



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agcare

Kenso Corporation (M) Sdn Bhd 15a/243 Bradman Street, Acacia Ridge 4110 Ph. (07) 3711 5900

NRA Approval No: 57763/0603

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. For pineapples, dispose of spent dip in an approved landfill, or bury under 500mm of soil in a non-crop, non-pasture area away from water sources or homes. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers (110L, 1000L) - 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. Do not inhale vapour. 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. When opening the container and preparing spray wear:

- cotton overalls, buttoned to the neck and wrist;
- a washable hat;
- elbow length PVC, nitrile or neoprene gloves;
- goggles; and
- disposable fume mask.

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.

After each day's use wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (TEL: 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 is available from the supplier.

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn Bhd" ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

In a Transport Emergency Dial 000 Police or Fire Brigade
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Batch No:

Date of Manufacture:



Kenso Corporation (M) Sdn. Bhd.
15a/243 Bradman Street
Acacia Ridge Qld 4110

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**READ THIS LEAFLET BEFORE
USING THIS PRODUCT**

NRA Approval No:

Kenso Corporation (M) Sdn Bhd
15a/243 Bradman Street
Acacia Ridge Qld 4110
Phone 07 3711 5900

DIRECTIONS FOR USE:

Crop	Disease Controlled	State	Rate		WHP	Critical Comments
			Per Hectare	High volume		
Apricots	Prune Rust <i>Tranzschelia discolor</i>	SA only	-	Dilute Spraying: 32mL/ 100L 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. Curative Control: 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. Protective Treatment: Spray mancozeb or zineb mixed with Kenso Agcare Propiconazole 250 at the full recommended rates of application. This use is subject to a DMI anti-resistance strategy.
Bananas (including bananas inter-planted with avocados)	Leaf Spot <i>Mycosphaerella musicola</i> , Leaf Speckle <i>Mycosphaerella musae</i> , Cordana Leaf Spot <i>Cordana johnstonii</i>	Sth Qld, NSW only	Ground Application: 200 to 400 mL + 3 to 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 30 L of water. Aerial Application without water 400 mL + 8 to 10 L of spraying oil. (This use does not require further dilution with water.)	-	1 day	This use is subject to a DMI anti-resistance 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. Sth Qld, NSW: Ground and aerial application:- Commence spraying at the start of the summer rainy season. Apply a maximum of 5 Group C sprays per season. Apply a maximum of 2 consecutive sprays of Kenso Agcare Propiconazole 250 at 21 to 28 day intervals before applying further treatments of a protectant fungicide from a different activity group.
	Leaf Spot <i>Mycosphaerella musicola</i> , Leaf Speckle <i>Mycosphaerella musae</i> , Cordana Leaf Spot <i>Cordana musae</i>	Nth Qld, WA, NT Only	Ground Application 400 mL + 3 to 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 30 L of water Aerial Application without water 400 mL + 8 to 10 L of spraying oil. (This use does not require further dilution with water).			Nth Qld, WA, NT: 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 Kenso Agcare Propiconazole 250 at 14 to 21 day intervals before applying further treatments of a protectant fungicide from a different activity group. Apply a maximum of 6 Group C sprays per season. 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 July, August September and October.
	Black Sigatoka (<i>Mycosphaerella fijiensis</i> var <i>difformis</i>)	Qld, WA, NT only				

DIRECTIONS FOR USE – continued

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	-	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. Powdery Mildew: Higher rates provide longer protection.
	Barley Scad <i>Rhynchosporium secalis</i>		500 mL			
	Spot Form Net Blotch <i>Pyrenophora teres f. maculata</i>					
Boronia	Rust <i>Puccinia boroniae</i>	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 number of applications are applied.
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 a fungicide from a different activity group (non-DMI) after 3 consecutive sprays using Kenso Agcare Propiconazole 250 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.
	Rust <i>Puccinia arachidis</i>	Sth Qld only	600 mL			
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.

DIRECTIONS FOR USE – continued

Crop	Disease Controlled	State	Rate		WHP	Critical Comments
			Per Hectare	High volume		
Plums for Prune Production	Prune Rust <i>Tranzschelia discolor</i>	NSW, Vic, SA 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. Curative Control. 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. Protective Treatment: Spray mancozeb or zineb mixed with Kenso Agcare Propiconazole 250 at the full recommended rates of application. This use is subject to a DMI anti-resistance strategy.
Pineapples	Base Rot <i>Thielaviopsis paradoxa</i>	Qld, NT only		10 to 20 mL/ 100 L	-	Preplant dip: 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 somniferum</i>	Leaf Smut <i>Entyloma fuscum</i>	Tas only	500 mL	-	4 weeks	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>	Vic, Tas, 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. This use is subject to a DMI anti-resistance strategy. Apply at early (1 to 10%) blossom and again at full bloom. A further application is made at shuck-fall. Only 2 consecutive applications of DMI fungicides can be made during this period.
	Brown Rot (blossom phase) <i>Monilinia fructicola</i>	Qld, NSW, Tas, SA, WA only				
	Brown Rot (fruit phase) <i>Monilinia fructicola</i>	Qld, NSW, Vic, Tas, SA, WA only				

DIRECTIONS FOR USE – continued

Crop	Disease Controlled	State	Rate		WHP	Critical Comments
			Per Hectare	High volume		
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	Stripe Rust <i>Puccinia striiformis</i>	Qld, NSW, Vic, SA WA only	250 or 500 mL	-	4 weeks	Spray between jointing 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.
		Tas only				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</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.
			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 Tritici Blotch <i>Mycosphaerella graminicola</i>		250 to 500 mL	Apply once between 70% flag leaf emergence and early flowering. Use the higher rate under high infection pressure or where longer residual protection is required.			

DIRECTIONS FOR USE – continued

Crop	Disease Controlled	State	Rate		WHP	Critical Comments
			Per Hectare	High volume		
Wheat	Leaf Rust <i>Puccinia recondita</i> <i>f.sp. tritici</i> ; <i>Puccinia triticina</i>	All States	150 to 500 mL	-	4 weeks	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.
	Septoria Nodorum Blotch <i>Phaeosphaeria nodorum</i>					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.
	Yellow Spot (<i>Pyrenophora tritici-repentis</i>)		250 to 500 mL	Apply once between 70% flag leaf emergence and early flowering. Use the higher rate under high infection pressure or where longer residual protection is required. Apply after 70% flag leaf emergence and before disease levels reach 5% on flag leaf. Higher rates give longer residual protection and often better economic returns.		

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.
Barley, Poppies, Wheat: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
Peanuts: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
Bananas, Stone Fruit: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.
Pineapples, Sugar Cane: WITHHOLDING PERIOD NOT REQUIRED.

GENERAL INSTRUCTIONS

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

Kenso Agcare Propiconazole 250 is a member of the DMI group of fungicides. For fungicide resistance management Kenso Agcare Propiconazole 250 is a Group C fungicide. Some naturally occurring individual fungi resistant to Kenso Agcare Propiconazole 250 and other Group C 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 Kenso Agcare Propiconazole 250 and other Group C 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, Kenso Corporation (M) Sdn Bhd accepts no liability for any losses that may result from the failure of Kenso Agcare Propiconazole 250 to control resistant fungi.

Mixing

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

Pineapples - Pre-plant dip

Add the required amount of Kenso Agcare Propiconazole 250 directly to the dip and mix well. Avoid excessive contamination of the dip with organic matter.

Application

Cereals: May be applied by boom spray or aircraft. Ensure complete coverage of all leaves and stems is obtained. The object of spraying is to keep the upper 2 to 3 leaves green and functioning through grain filling stage.

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 rates when applying to dense crops.

Apricots, Plums and other Stone Fruit: 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 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 2000 L/ha
2. Your- chosen concentrate spray volume: for example 500 L/ha
- 3 The concentration factor In this example is: $4 \times$ (ie, $2000 \text{ L} \div 500 \text{ L} = 4$)
- 4.If the dilute label rate is 25 g/100 L, then the concentrate rate becomes 4×25 , that is 100 g/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

Kenso Agcare Propiconazole 250 is compatible with many commonly used orchard sprays which includes Ridomil" Plus and some formulations of azinphos-methyl, demeton-s-methyl, diazinon, methomyl liquid, propargite, parathion, dimethoate, copper oxychloride, mancozeb, zineb and chlorothalonil. Mixtures with more than one of the above are not recommended.

PRECAUTION**Re-entry Period**

DO NOT enter treated area until spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

DO NOT 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 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. For pineapples, dispose of spent dip in an approved landfill, or bury under 500mm of soil in a non-crop, non-pasture area away from water sources or homes. If recycling, replace cap and return clean containers to recycler or designated collection point.

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For refillable containers (110L, 1000L) - 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. Do not inhale vapour. 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. When opening the container and preparing spray wear:

- cotton overalls, buttoned to the neck and wrist;
- a washable hat;
- elbow length PVC, nitrile or neoprene gloves;
- goggles; and
- disposable fume mask.

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.

After each day's use wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (TEL: 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 is available from the supplier.

CONDITIONS OF SALE

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