

# CAUTION

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

*KENSO AGCARE*

# KEN-FOS 600

**SYSTEMIC FUNGICIDE**

ACTIVE CONSTITUENT: 600 g/L PHOSPHOROUS (PHOSPHONIC) ACID  
PRESENT AS MONO (AND) DI POTASSIUM PHOSPHITE

**GROUP 33 FUNGICIDE**

A Systemic Fungicide for the control of root rot in avocado, root and collar rot in citrus, root and crown rot in ornamentals & root and heart rot in pineapples caused by phytophthora fungi and for the control of downy mildew in grapes, poppies and cucurbits as per the directions for use.



Kenso Corporation (M) Sdn Bhd  
Level 1, 98 Commercial Road,  
Teneriffe QLD 4005  
Phone (07) 3216 1188  
[www.kenso.com.au](http://www.kenso.com.au)

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

**CONTENTS: 20 Litres APVMA Approval No.: 87962/ 135883**

# KENSO AGCARE KEN-FOS 600 SYSTEMIC FUNGICIDE

## 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. 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, triple rinse, break, crush or puncture and deliver empty packaging or appropriate disposal at 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. Empty containers and product must not be burnt.

## FOR REFILLABLE CONTAINERS:

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves.

## SPILL MANAGEMENT

Hose small (less than one litre of concentrate) away with large excess of water. Large spillages should not be directed to drains. Large spillages should be absorbed in sawdust or sand and the absorbent material containing Ken-Fos 600 disposed of in a sealed container at a licensed tip.

## SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

## FIRST AID

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

Batch No.:

Date of Manufacture:

## SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from [www.kenso.com.au](http://www.kenso.com.au).

## CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency  
Dial **000** Police or Fire Brigade



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**KENSO**  
agcare

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### FOR REFILLABLE CONTAINERS

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

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### RESTRAINTS

DO NOT apply KEN-FOS 600 at volumes which cause excessive run off.

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

### FUNGICIDE RESISTANCE WARNING

GROUP **33** FUNGICIDE

Kenso Agcare Ken-Fos 600 Systemic Fungicide is a member of the Multi-site Activity group of fungicides. For fungicide resistance management, the product is a Group 33 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 33 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 33 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 Agcare Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

### CONDITIONS CONDUCIVE TO DOWNY MILDEW INFECTION

(1) PRIMARY INFECTION -	Overnight conditions of:	(2) SECONDARY INFECTION -	Overnight conditions of:
Temperature	10°C	Temperature	11°C (min)
Rainfall	10 mm	Humidity	98% for at least 4 hours from
Soil Wetness	24 hours		midnight to dawn
Leaf Wetness	3 - 4 hrs at end of a 24 hours period.	Leaf Wetness	24 hours

TO AVOID RESISTANT STRAINS OF DOWNY MILDEW DEVELOPING, KEN-FOS 600 SHOULD BE APPLIED AS CLOSE AS POSSIBLE TO THE DAY OF INFECTION AND ALTERNATED WITH SYSTEMIC FUNGICIDES.

### GENERAL INSTRUCTIONS

Foliar Application: For foliar spraying, Kenso Agcare Ken-Fos 600 Systemic Fungicide is diluted with water. Ken-Fos 600 is already formulated as a solution in a water base and mixes easily with water. When mixing, use only a clean uncontaminated tank. If the tank has been used for herbicide application, ensure it has been thoroughly decontaminated. Recycle material through the spray pump to ensure good mixing.

### COMPATIBILITY

Compatible with Kencozeb 750DF, Copper Oxychloride, Triadimefon, Propi Super 500/ Propi 250 and most common powdery mildew fungicides. Most foliage nutrients are also compatible. When using in conjunction with "EC's" always form emulsion with water prior to adding Ken-Fos 600.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

When applying as a foliar spray, ensure the mixture is directed only onto the target plant.

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

DO NOT spray Kenso Agcare Ken-Fos 600 Systemic Fungicide over waterways or onto native plant growth. Do NOT contaminate streams, rivers or waterways with the chemical or used containers. This product is harmful to fish.

**DIRECTIONS FOR USE**

CROP & SITUATION	DISEASE	STATE		RATE	COMMENTS
<b>AVOCADO</b>	Phytophthora Root Rot ( <i>Phytophthora cinnamomi</i> ) (curative treatment)	QLD, NSW, VIC, SA, WA & ACT ONLY	<b>Trunk Injection</b>	<b>Skeletal trees:</b> 1 <sup>st</sup> year 5mL undiluted product per metre of canopy diameter. <b>Other situations:</b> 2.5mL product diluted with 7.5mL water per metre of canopy diameter	<b>Injection:</b> Inject trees at spring flush maturity – repeat treatment in February or March. Drill holes 5mm in diameter and 25 – 50mm deep with slight downhill angle in the trunk. Syringes should be placed in the main trunk of the tree and spaced evenly around the circumference of the trunk. Suitable for use with the injectors, Ag- muri gun or hydraulic tree injection. Do not prune back trees before injection process as burning of new growth may occur. Do not inject trees in winter months. Do not cut back the canopy of injected trees. Do not add any other material other than water to Ken-Fos 600 for tree injection. Do not inject more liquid in a lesser number of syringes than directed.  Solution concentrate: 165 - 200 mL/100 L. Amount per unit: Spray to run off – 7.5 to 10 L per adult tree. 1. For curative apply every 3 weeks until disease is under control. 2. For preventative apply every 5 - 6 weeks.
<b>YOUNG OR SMALL CITRUS</b>	Phytophthora Root Rot ( <i>P. nicotianae</i> var <i>parasitice</i> ) & Collar Rot ( <i>P. citrophthora</i> )	ALL STATES	<b>Foliar spray</b>	170 - 330 mL/ 100 L to leaf wetness (by boom or similar high volume sprayer)	Two applications 1. Late winter prior to flowering 2. Autumn applied to mature fruit Repeat applications annually to maintain protection with the plant. Depending on condition at time of application, use a non-ionic wettingagent in conjunction with Ken-Fos 600.  <b>Where disease incidence is higher or well established.</b> For effective control apply as a protectant before above ground symptoms of decline and collar rot become evident, spray trees for even coverage. Do not apply under high temperature (above 35 degrees C) particularly if humidity is low or to moisture stressed trees. <b>Low phytophthora pressure, well drained soil.</b> Removal of fruit from affected plants will enhance recovery. <b>Warning:</b> Young container grown mandarin trees may develop leaf burn and growth retardation following foliar application or soil drench of Potassium Phosphate at a rate recommended for established trees.
<b>MATURE CITRUS</b>			<b>Foliar spray</b>	13.3 L/ha in 3000 - 4000 L of water. 53 mL/12 L per tree.  8.3 L/ha in 2000 - 5000 L of water. 33 mL/12 L per tree	
<b>GRAPES</b>	Downy Mildew ( <i>Plasmopara viticola</i> )	ALL STATES	<b>Foliar spray</b>	2 L/ha early season, small canopies  2.7 - 4 L/ha Mid late season, large canopies	It is essential that the rate of Ken-Fos 600 is adjusted to the vine-row volume (i.e. the volume of vine foliage per hectare). An application of 500L/ha is suggested at the start of the season, increasing to 2000L/ha in a vigorous crop at full canopy. Spray timing is critical. For best results apply Ken-Fos 600 as a tank mix with protectant fungicides such as Kencozeb 750DF, Copper Oxylchloride etc to ensure both pre and post infection activity. Ken-Fos 600 should be applied at times of high disease risk, especially between the time that conditions are conducive to downy mildew infection and the appearance of oil spots. Ensure spray coverage is adequate and that the appropriate rate Ken-Fos 600 is applied to match vine growth, particularly from mid season onwards, and especially where grapes are grown on rootstock. DO NOT apply after E-L 33.
<b>ORNAMENTALS</b>	Phytophthora Root & Crown Rot	VIC, NSW, QLD, TAS, WA, ACT & NT ONLY	<b>Foliar Spray</b>	<b>Knapsack/Boom</b> 170mL / 100L <b>Air Blast</b> 330mL / 100L	Do NOT apply to ornamental plants under extremes of temperature. Do NOT apply when ornamental plants are dormant or stressed. Apply at 4 to 6 weekly intervals when conditions favour disease development. To avoid phytotoxicity with some plant species, it is recommended that the product be tested on a few plants of each species prior to main application.
<b>PINEAPPLE</b>	Phytophthora Root & Heart Rot ( <i>P. cinnamomi</i> )	QLD, WA ONLY	<b>Foliar Spray</b>	4L/ha in 800 to 2000L/ha boom spray	Apply to tops 2 weeks prior to harvest of planting material
<b>CUCURBITS</b>	Downy Mildew ( <i>Pseudoperonospora acubensis</i> )	ALL STATES	<b>Foliar Spray</b>	3L/ha in min 800 - 1000L of water	Use weekly spray intervals when conditions favour disease development. To avoid phytotoxicity with some plant species, it is recommended that the product be tested on a few plants of each species prior to the main application.
<b>POPPIES</b>	Downy Mildew ( <i>Peronospora cristata</i> )	TAS ONLY	<b>Foliar Spray</b>	2L/ha	Commence application from 10-12 leaf stage up to row cover. Use in combination with mancozeb products at registered rate. Repeat 7-10 days later. Apply no more than 2 sprays per crop per season. Note: Crop toxicity problems may occur when application is made with low water volumes. Users should determine an appropriate water volume on a small area prior to large scale field use. Consult your field officer for assistance.

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

**WITHHOLDING PERIODS:**

Avocado, Citrus, Cucurbits, Grapes & Pineapples: Not required when used as directed.  
Poppies: Do not harvest for 6 weeks after application.