

**POISON**

**KEEP OUT OF REACH OF CHILDREN**

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



**syngenta.**

**ACTIVE CONSTITUENT: 500 g/kg PIRIMICARB  
(an anticholinesterase compound)**

**GROUP 1A INSECTICIDE**

***For control of certain Aphids on crops and pastures  
as per Directions for Use***

**Syngenta Crop Protection Pty Limited**  
Level 1, 2-4 Lyonpark Road, Macquarie Park, NSW 2113

**APVMA Approval No: 49835/53379**

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## DIRECTIONS FOR USE

### Restrains

DO NOT apply from the air when the crosswind is less than 3 km/hour.

Rate					Critical Comments	
In the following table: "Fruit Crops - Tree and Vine Crops" all rates given are for dilute spraying. For concentrate spraying, refer to the Mixing / Application Section.					For all uses in the table "Fruit Crops - Tree and Vine Crops": 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.	
<b>FRUIT CROPS - TREE AND VINE CROPS</b>						
Crop	Pest	States	Rate		WHP	Critical Comments
			Per 100 L	Per ha		
Apples	Woolly Aphid	NSW, Vic, Tas, SA, WA only	50 g	1.1 to 1.7 kg	2 days	Use the higher rate when less than 2200 L of spray/ha. Add 18 mL Agral®/100 L.
Citrus	Citrus Aphid			1.1 kg		Apply when aphids appear. Use at least 2200 L spray/ha.
	Aphids	Qld, WA only	2.5 g	-		Apply only where pest management is being implemented and only when it is apparent that parasite predators will not control the infestation within a reasonable time.
Stone Fruit	Green Peach Aphid, Black Peach Aphid, Cherry Aphid	All States	50 g	1.1 kg		Apply at pink bud or when aphids appear. Use at least 1100 L spray/ha.
<b>FRUIT CROPS - NON TREE AND VINE CROPS</b>						
Blueberries	Aphids	Qld, WA only	50 g	-	2 days	-
Pepinos						
Strawberries		Qld, NSW, WA only	35 g			
<b>VEGETABLES</b>						
Artichokes (Globe)	Aphids	All States	50 g	-	2 days	-
Asparagus						
Beetroot	Green Peach Aphid		-			
Beans	Cowpea Aphid ( <i>Aphis craccivora</i> )	Vic, Tas, WA only		500 g	Apply as beans emerge and thereafter whilst aphid attack continues. Spray thoroughly.	

Crop	Pest	States	Rate		WHP	Critical Comments	
			Per 100 L	Per ha			
<b>Broad Beans, Lima Beans</b>	Aphids	All States	50 g	-	2 days	As above.	
<b>Broccoli, Brussels Sprouts, Cabbages, Cauliflowers</b>	Cabbage Aphid		100 to 200 g	500 g or 1 kg		Apply every 10 to 14 days commencing 1 week after planting. Use 500 L spray/ha. Add 18 mL Agral/100 L. If lower spray volumes per ha are used, increase the rate per 100 L to maintain the equivalent rate of product per ha. Use the higher rate if temperature falls below 20°C.	
<b>Brussels Sprouts, Cabbages, Cauliflowers</b>	Green Peach Aphid						500 g to 1 kg
<b>Chinese cabbages</b>	Cabbage Aphid, Green Peach Aphid						
<b>Capsicums</b>	Aphids						Spray when aphids are detected and repeat if necessary. Use the higher rates if applied in conditions below 20°C.
<b>Cucurbits</b>							Apply every 5 to 10 days during periods of rapid plant growth to delay virus buildup. Use the higher rates if applied in conditions below 20°C.
<b>Endive, Garden Cress</b>			50 g	-			-
<b>Kale</b>	Cabbage Aphid, Green Peach Aphid		100 to 200 g	500 g to 1 kg			Apply every 10 to 14 days commencing 1 week after planting. Use 500 L spray/ha. Add 18 mL Agral/100 L. If lower spray volumes per ha are used, increase the rate per 100 L to maintain the equivalent rate of product per ha. Use the higher rate if temperature falls below 20°C.
<b>Kiwano</b>	Aphids						Apply every 5 to 10 days during period of rapid plant growth to delay virus buildup.
<b>Leeks</b>			50 g	-			-
<b>Lettuce</b>		100 to 200 g	500 g to 1 kg	Spray when aphids are detected and repeat if necessary. Use the higher rates if applied in conditions below 20°C.			
<b>Okra</b>		50 g	-	For use in IPM programs where Helicoverpa resistance strategy is being practiced.			
<b>Peas</b>		NSW only	100 to 200 g	500 g to 1 kg	-		
					Spray when aphids are detected and repeat if necessary. Use the higher rates if applied in conditions below 20°C.		
<b>Potatoes</b>	Potato Aphid	All States	250 to 500 g	500 g or 1 kg	Apply in 200 L spray/ha when aphids first appear. If higher spray volumes per ha are used, decrease the rate per 100 L to maintain the equivalent rate of product per ha. Use the higher rate if temperature falls below 20°C.		

Crop	Pest	States	Rate		WHP	Critical Comments
			Per 100 L	Per ha		
Radishes	Cabbage Aphid, Green Peach Aphid	All States	100 to 200 g	500 g to 1 kg	2 days	Apply every 10 to 14 days commencing 1 week after planting. Use 500 L spray/ha. Add 18 mL Agral/100 L. If lower spray volumes per ha are used, increase the rate per 100 L to maintain the equivalent rate of product per ha. Use the higher rate if temperature falls below 20°C.
Shallots, Spinach	Aphids		50 g	-		-
Swedes, Turnips	Cabbage Aphid, Green Peach Aphid		100 to 200 g	500 g to 1 kg		Apply every 10 to 14 days commencing 1 week after planting. Use 500 L spray/ha. Add 18 mL Agral/100 L. If lower spray volumes per ha are used, increase the rate per 100 L to maintain the equivalent rate of product per ha. Use the higher rate if temperature falls below 20°C.
Tomatoes	Aphids		Spray when aphids are detected and repeat if necessary. Use the higher rates if applied in conditions below 20°C.			
Watercress	Aphids		50 g	-		-
<b>ORNAMENTALS</b>						
Roses, Chrysanthemums	Rose Aphid, Chrysanthemum Aphid	All States	50 g	8 g/15 L knapsack	-	Apply when aphids appear. Spray to give complete coverage of plants.
Ornamentals	Aphids	NSW, WA only		-		
		Qld, WA only	35 g			If applied in conjunction with predatory mites ( <i>Phytoseiulus persimilis</i> ) apply before release or only after mites have become fully established. DO NOT apply more than 2 sprays in quick succession where IPM is practiced. Where roses are grown in dense hedges and IPM is used, spray only the upper half of the hedge where the aphids are attacking the buds. Allow the lower half of the hedge to serve as a refuge for <i>P. persimilis</i> . In such situations PIRIMOR WG should NOT be mixed with a fungicide which requires very careful coverage. <b>Note:</b> Because of the wide range of crops and pests encompassed under Ornamentals, the phytotoxicity and efficacy of this compound cannot be guaranteed under all uses. Test the chemical for phytotoxicity on a small area of crop before widespread usage.

Crop	Pest	States	Rate		WHP	Critical Comments
			Per 100 L	Per ha		
<b>BROADACRE CROPS</b>						
<b>Canola</b>	Cabbage Aphid ( <i>Brevicoryne brassicae</i> ), Green Peach Aphid ( <i>Myzus persicae</i> )	All States	-	500 g or 1 kg	14 days harvest/ grazing	Apply when aphids first appear using 30 to 100 L water/ha (ground rig) or 20 to 50 L/ha (aerial). Use higher rate if temperature falls below 20°C. Add 18 mL Agral/100 L spray.
<b>Cotton</b>	Cotton Aphid ( <i>Aphis gossypii</i> ), Green Peach Aphid ( <i>Myzus persicae</i> )	Qld, NSW, WA only	-	500 g or 750 g  <b>Aerial Application</b> Spray volume of 30 to 50 L/ha  <b>Ground Application</b> Spray volume of 100 L/ha minimum	21 days harvest/ grazing	Thorough spray coverage is essential to produce best results. Stage I - apply when aphids exceed 90% plants infested. Stage II - apply when aphids exceed 95% plants infested. Stage III - apply when aphids exceed 50% plants infested, or - if 1% bolls are open and honeydew is present apply when aphids exceed 10% of plants infested.  If a spray is required for another pest, the aphid threshold for each stage should be reduced by half to determine the need to spray for aphids; eg 50% becomes 25% plants infested. Use PIRIMOR WG no more than twice per season. Adhere to the resistance management strategy and rotate chemistry. DO NOT use PIRIMOR WG as consecutive sprays.
<b>Duboisia</b>	Aphids	Qld, WA only	50 g	1.1 kg	-	Apply when populations warrant.

Crop	Pest	States	Rate		WHP	Critical Comments
			Per 100 L	Per ha		
Lucerne, Medic pastures	Spotted Alfalfa Aphid, Blue Green Aphid	All States	-	100 to 150 g in 200 to 300 L water	3 days grazing	<p><b>Application</b> High rate to be used when there is a high aphid population density or with dense crop growth. Complete coverage and penetration of the crop is essential.</p> <p><b>Timing</b> <b>Queensland only:</b> On seedling lucerne, treatment is necessary <b>when 1 or 2 aphids are present per plant</b>. Established lucerne and medics (spring and summer) - spray when there are 20 to 40 aphids per stem. Spotted Alfalfa Aphid (NSW, Tas, SA, WA only): Apply when aphids begin to build up on stems and repeat as necessary. Spotted Alfalfa Aphid and Pea Aphid (Vic only): Seedling lucerne and medics - treat when 1 to 2 aphids per plant are present. Established lucerne and medics (spring and summer) - spray when there are 20 to 40 aphids per stem.</p> <p><b>Tasmania only:</b> A cold weather adapted species which may be found at most times of the year. Spraying should be carried out when aphids begin to increase and be repeated as necessary. For the control of both the above lucerne and medic pasture pests PIRIMOR WG at the recommended rate should be applied in 200 to 300 L of water/ha. Complete coverage and penetration of the crop is essential.</p> <p><b>Blue Green Aphid</b> This aphid is cooler weather tolerant and will be found at all times of the year. Spraying should be carried out as aphids are observed. In some areas Spotted Alfalfa Aphid has developed tolerance to pirimicarb and in those areas PIRIMOR will not give satisfactory control. However, apparent tolerance should not be confused with poor application. Consult your local Syngenta or Department of Agriculture representative for local information.</p>
Lucerne	Pea Aphid	Vic, WA only	-	100 to 150 g	3 days grazing	Apply when aphids begin to build up on stems. Repeat as necessary. Use 200 to 300 L/ha. Use the higher rate when there is a high aphid population density or dense crop or when temperature falls below 20°C.

Crop	Pest	States	Rate		WHP	Critical Comments
			Per 100 L	Per ha		
Lupins	Green Peach Aphid	NSW, Vic, WA only	-	250 g	6 weeks harvest/ grazing	Apply when aphids first appear using 20 to 100 L/ha (ground rig) or 4 to 15 L/ha (aerial).  Repeat as necessary. If low relative humidity conditions prevail add 1% or 10% Summer Spray Oil (DC-Tron or Caltex) to spray solution for ground and aerial application respectively. Note: For best coverage and hence best results with aerial application, apply when a slight crosswind with a minimum speed of 3 km/hr is present.
	Cowpea Aphid					
	Green Peach Aphid	WA only		300 g		Apply when aphids first appear. Good coverage of the infested area is essential. Apply in 30 to 100 L/ha for aerial application. Repeat as necessary, if low relative humidity conditions prevail add Summer Spray Oil to the mix.
Winter Cereals	Aphids ( <i>Rhopalosiphum maidis</i> )	All States	-	150 g		Apply when 20 or more aphids are present per tiller and when the crop is between emergence of last leaf and flowering stages.
	Aphids ( <i>R. maidis</i> , <i>R. padi</i> )	WA only		250 to 300 g		Use 20 to 100 L/ha (ground rig) or 4 to 15 L/ha (aerial). If low relative humidity conditions prevail add Summer Spray Oil as for lupins. Where there is concern for infection by Barley Yellow Dwarf virus, spraying should be carried out as soon as aphids are located in the crop.

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

**WITHHOLDING PERIODS**

**Fruit, Vegetables:**

**DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION**

**Canola:**

**DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION**

**Cotton:**

**DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION**

**Lucerne, Medic Pastures:**

**DO NOT GRAZE, CUT FOR STOCKFOOD OR FEED TO POULTRY FOR 3 DAYS AFTER APPLICATION**

**Lupins, Winter Cereals:**

**DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION**

## GENERAL INSTRUCTIONS

### Mixing

Fill tank 50 to 75% full then start agitation. Slowly pour granules into tank and maintain agitation throughout spraying. DO NOT pre-mix PIRIMOR granules.

### Application

If this product is applied when the temperature is less than 15°C it is essential to have thorough spray coverage for quick and total aphid control.

### ***Fruit Crops - Tree and Vine Crops***

#### *Dilute Spraying:*

Use a sprayer designed to apply high volumes of water up to the point of runoff 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 runoff. Avoid excessive runoff. 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 Directions for Use table for each 100 L of water. Spray to the point of runoff. 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 runoff) 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*) 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:  $3 \times$  (ie  $1500 \text{ L} \div 500 \text{ L} = 3$ )
4. If the dilute label rate is 10 mL / 100 L, then the concentrate rate becomes  $3 \times 10$ , 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 following industry Best Practices.

### Compatibility

PIRIMOR WG may be mixed in the spray vat with any one of the following products: Agral and Omite\*. A mixture of PIRIMOR WG with more than one of these products or with any other product may be ineffective or may cause serious damage. The use of such a mixture is not recommended and would therefore be entirely at the user's risk.



## Insecticide Resistance Warning

GROUP	1A	INSECTICIDE
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For insecticide resistance management PIRIMOR WG Aphicide is a Group 1A insecticide. Some naturally occurring insect biotypes resistant to PIRIMOR WG and other Group 1A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PIRIMOR WG or other Group 1A insecticides are used repeatedly. The effectiveness of PIRIMOR WG on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of PIRIMOR WG to control insects. PIRIMOR WG may be subject to specific resistance management strategies. For further information contact your local supplier, Syngenta Crop Protection representative or local agricultural department agronomist.

### Resistance Management for Green Peach Aphid Control

Some Green Peach Aphids are resistant to all commonly used insecticides including PIRIMOR WG. If resistance is known or suspected, DO NOT use PIRIMOR WG and seek advice on resistance management. If there is no PIRIMOR WG resistance, use a maximum of 2 non-consecutive aphid sprays per season. If PIRIMOR WG was used as the last aphid spray for the season, DO NOT use it as the first aphid spray next season.

### PROTECTION OF LIVESTOCK

Animals and poultry should be kept away from orchards and other treated areas during the horticultural spraying season.

Keep animals and poultry away from spray and treated areas for a minimum of 3 days.

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

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

DO NOT apply under meteorological conditions (eg crosswinds less than 3 km/hr) or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly wetlands, waterbodies or watercourses.

### STORAGE AND DISPOSAL (*plastic containers*)

Store in the closed, original container in a cool, well ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to the mixing 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 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 Local, State or Territory government regulations. DO NOT burn empty containers or product.

### STORAGE AND DISPOSAL (*lined cardboard boxes*)

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Single rinse or shake remainder into spray tank. Do not dispose of undiluted chemicals on site. 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.

### SAFETY DIRECTIONS

**Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. When opening the container, preparing spray and using the prepared spray wear:**

- cotton overalls buttoned to the neck and wrist or equivalent clothing
- elbow-length PVC gloves
- face shield or goggles

**If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.**

## FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact the Poisons Information Centre (Phone 131 126) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

## MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet.  
For a copy phone 1800 067 108, or visit our website at [www.syngenta.com.au](http://www.syngenta.com.au)

**NOTE:** A varying degree of consolidation of the contents of this container may occur during transit but the net weight of the contents is not changed and is as stated on the label.

## MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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**UN 2757**  
**CARBAMATE PESTICIDES, SOLID, TOXIC, N.O.S.**  
**(PIRIMICARB)**  
**MARINE POLLUTANT**  
**PACKING GROUP III**  
**HAZCHEM 2X**



**In a transport emergency dial 000, Police or Fire Brigade**  
**For specialist advice in an emergency only,**  
**call 1800 033 111 (24 hours)**