

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

SIPCAM SIMAZINE 500 FLOWABLE HERBICIDE

ACTIVE CONSTITUENT: 500 g/L SIMAZINE

GROUP	C	HERBICIDE
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For the control of annual grasses and broadleaf weeds in orchards, vineyards, chickpeas, faba beans, lupins, non-crop areas and other crops [and for use in triazine tolerant canola](#) as per the directions for use table.

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS
PRODUCT.**

NET 1L, 5L, 20L

**SIPCAM PACIFIC AUSTRALIA PTY LTD
Suite 11, 23-31 Gheringhap Street
GEELONG VIC 3220
ACN 072 176 888
TEL:03 5223 3746**

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do not contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do not apply under meteorological conditions or from spraying equipment which may cause spray drift on to adjacent areas, particularly wetlands, water bodies or watercourses.

Do not use in channels or drains.

Do not apply or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

Do not spray foliage of desirable plants. Do not apply high rates of application to heavier soils if roots of desirable shrubs and trees are near the surface. Do not use near newly planted shrubs, young ornamentals or species with shallow roots.

When spraying at high rates for total weed control do not spray beds where desirable annual plants are to be grown. Crops such as lettuce, cabbage, tomatoes, cucumber, carrots and red beet are particularly sensitive to Simazine residues.

Do not plant to crops other than those recommended on this label for at least 9 months following application of this product up to 4.5L/ha. When application rates exceed 4.5L/ha, planting may not be possible for long periods of time.

Do not make more than two applications in any one year in lupins, apples, pears or vineyards.

STORAGE AND DISPOSAL

Keep out of reach of children.

Store in the closed original container, in a well ventilated area, as cool as possible out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to the 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 bury empty containers in a local authority landfill. If no landfill is available, bury the container below 500 mm 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.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Do not inhale spray mist. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 131126).

For further information refer to Material Safety Data Sheet.

NOTICE TO BUYER

This product is not to be used for any purpose or in any way contrary to label instructions.

The buyer by use or application of this product acknowledges so doing upon the terms and conditions agreed between Sipcam Pacific Pty Limited and the buyer but not limited to the following.

To the extent permitted by law all conditions and other warranties or other rights of action which buyer or any other user may have against Sipcam Pacific Pty Limited (Sipcam) or Seller are hereby excluded. Sipcam hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by Sipcam or on its behalf unless it can be established that such information or advice was provided negligently and that the product has been used strictly as directed. Notwithstanding the generality of this notice Sipcam will not be held liable for any loss, injury or damage indirect or consequential arising from the sale, supply, use or application of this product. Sipcam's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

NRA Approval Number: 51469/

Date of Manufacture:

Batch No:

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THIS BOOKLET IS PART OF THE LABEL

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DIRECTIONS FOR USE:

CROP/ SITUATION	WEEDS CONTROLLED	STATE	RATE		CRITICAL COMMENTS
			PER HECTARE	PER 100L	
Chickpeas	Dead nettle, Indian Hedge Mustard, Lesser Swinecress, Milk Thistle, Prickly lettuce, Purple Goosefoot, Shepherd's Purse, Turnip Weed, Wireweed Suppression of: Black bindweed	Qld, NSW SA only	1.5L plus 1.5L Flowable Prometryn (500g/L)	-	Apply immediately post-planting. Application should not be made to ridged or excessively clodded soil. Best results are obtained if 20-30mm rain is received within 2-3 weeks of sowing.
Faba Beans	Annual rye grass, Barley Grass, Brome grass, Capeweed, Corn Gromwell (Sheep Weed), Fumitories, Geranium, Ivy-leaf Speedwell, Mustards, Soursob, Wireweed Suppression of: Wild Oats	SA only	2 to 2.5L	-	Apply either pre-seeding or immediately post sowing which is preferred on light soils. Sow the crop at least 5cm deep. Use the lower rate on light soils and the higher rate on heavier soils. Application should not be made to ridged or excessively cloddy soil. Best results are obtained if 20-30mm rain is received within 2-3 weeks of sowing.
			1 to 1.5L plus 1L of trifluralin (400g/L)	-	Apply to bare moist soil and incorporate to a depth of 5 cm just prior to sowing. Incorporate within 4 hours of application. This mixture should be used where Wild Oats and Annual Ryegrass are a problem. Application should not be made to ridged or excessively cloddy soil. Best results are obtained if 20-30mm rain is received within 2-3 weeks of application.
Lupins	Annual rye grass, Barley Grass, Capeweed, Corn Gromwell (Sheep Weed), Fumitories, Geranium, Ivy-leaf Speedwell, Mustards, Paterson's Curse, Shepherd's Purse, Turnip Weed, Wild Turnip, Winter Grass. Suppression of: Brome Grass, Soursob, Wild Oats	NSW, Vic, Tas, SA only	<u>Light Soils:</u> 1.5 to 2L <u>Loam Soils:</u> 2.5 to 4L	-	May be applied up to a week before sowing or post-sowing pre-emergent (preferably incorporated by harrows) Application should not be made to ridged or excessively cloddy soil. Best results are obtained if application is made to bare moist soil and when 20-30mm rain is received within 2-3 weeks of application to wet the soil to the weed root zone. Results may be variable if seasonal conditions are dry prior to sowing and lupins are sown into a dry or low moisture seed bed. Heavy, intense rainfall following application may cause crop damage. Apply 50 to 100L spray per ha. Where Wild Oats or Annual Ryegrass are a problem tank mix with 1L/ha trifluralin (400g/L). Incorporate the tank mixture to a depth of 5cm just prior to sowing.

					Incorporate within 4 hours of application.
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Lupins - where no weeds are present at time of sowing	Capeweed, Clover, Dock, Doublegee, Mustard, Radish, Self-Sown Cereals, Silver Grass, Turnip Suppression of: Barley Grass, Brome Grass, Ryegrass, Wild Oats	WA only	<u>Light Soils:</u> 1 to 2L	-	Application should not be made to ridged or excessively clodded soil. Best results are obtained if application is made to bare moist soil either immediately before seeding or as a pre-emergent treatment at or within 7 days of planting. 20-30mm rain is necessary within 2-3 weeks of application to wet the soil to the weed root zone. Results may be variable if seasonal conditions are dry prior to sowing and lupins are sown into a dry or low moisture seed bed. When applied before seeding, incorporation by the sowing operation should not be greater than 5cm. DO NOT use on whitish or grey sands. On yellow sands use 1 to 1.5L/ha. On other types use 2L/ha.
			<u>Gravelly Loam Soils:</u> 2 to 3 litres	-	Use only as a pre-emergent application only. Application should not be made to ridged or excessively clodded soil. Best results are obtained if the tank mix is applied to bare moist soil and incorporated to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. 20-30mm rain is necessary within 2-3 weeks of application to wet the soil to the weed root zone. Results may be variable if seasonal conditions are dry prior to sowing and lupins are sown into a dry or low moisture seed bed. Use this tank mixture where Wild Oats and Annual Ryegrass are a major problem. DO NOT use on whitish or grey sands. On yellow sands use 1 to 1.5L/ha. On other types use 2L/ha. Use 2L/ha where Brome Grass is a problem.

Lupins - where weeds are present at time of sowing	Capeweed, Clover, Dock, Doublegee, Mustard, Radish, Self-Sown Cereals, Silver Grass, Turnip Suppression of: Barley Grass, Brome Grass, Ryegrass, Wild Oats	WA only	1 to 1.5L plus a knockdown herbicide at its recommended label rate	-	Best results are obtained if application is made to bare moist soil 1 to 6 days prior to sowing where the crop will be sown under a conservation tillage system. 20-30mm rain is necessary within 2-3 weeks of application to wet the soil to the weed root zone. Results may be variable if seasonal conditions are dry prior to sowing and lupins are sown into a dry or low moisture seed bed. Use the lower rate if weeds have been emerged for more than 2 weeks and the higher rate where weeds have been emerged for less than 2 weeks. DO NOT use on whitish or grey sands.
Lupins - post emergent Top up application following the pre-emergent application of Sipcam Simazine 500 Flowable			750mL to 2L	-	To be used in addition to the pre-emergent application of Sipcam Simazine 500 Flowable but not meant to be an alternative to pre-emergent application. Apply to moist soil. Use 750mL to 1L/ha within 4 weeks of sowing. DO NOT apply if crop is showing signs of damage from the pre-emergent application of Sipcam Simazine 500 Flowable.

Sub Clover - established lucerne and perennial grass pastures	Rat's Tail fescue, Vulpia (Silver grass)	WA only	750mL to 1L	-	Apply within 8 weeks of emergence of sub-clover and grasses. If soil moisture is good, control of other grasses and some broadleaf weeds may be achieved. Ensure a good stand of sub clover is present before spraying. Use the lower rate on lighter textured soils. DO NOT apply any herbicides for broad-leaf weed control for 3 weeks after application of Sipcarn Simazine. Do not tank mix with other herbicides, crop oils or wetting agents. Do not use on medics or white or red clover. Do not overlap while spraying as crop damage may occur.
	Rat's Tail Fescue, Squirrel Tail Fescue, Sand fescue, Vulpia (Silvergrass)	NSW, Vic, SA only	1 to 1.6L	-	Apply 6-10 weeks after emergence of the pasture, but not before the 3rd trifoliate leaf stage of sub-clover. Best results are obtained if product is applied to young, well grazed, actively growing plants. Some plant damage may occur especially at the higher rates. Apply when the soil is moist and rain follows application DO NOT apply to sandy soils and use the lower rates on light soils. DO NOT apply to stressed plants or to plants damaged by insects. If plants have been damaged by insects, apply a suitable insecticide and allow plants to recover before applying the product. DO NOT apply any herbicides for broad-leaf weed control for 3 weeks after application.

Sub Clover - established lucerne and perennial grass pastures	Rat's Tail Fescue, Squirrel Tail Fescue, Sand fescue, Vulpia (Silvergrass)	NSW, Vic only	1 to 1.5L plus 125 to 200mL paraquat (200g/L)	-	<p>Apply 6-10 weeks after emergence of the pasture, but not before the 3rd trifoliate leaf stage of sub-clover. Best results are obtained if the product is applied to young, well grazed, actively growing plants. Apply when soil is moist. Rain following application will enhance results.</p> <p>The addition of paraquat can improve the control of well established plants. Add a non-ionic surfactant at 0.2% (v/v)(200mL/100L). If soil moisture is good, control of other grasses and some broadleaf weeds may be achieved.</p> <p>DO NOT apply to sandy soils and use the lower rates on light soils.</p> <p>DO NOT apply to stressed plants or to plants damaged by insects. If plants have been damaged by insects, apply a suitable insecticide and allow plants to recover before applying the product</p> <p>DO NOT apply any herbicides for broad-leaf weed control for 3 weeks after application of the product.</p>
		SA only	750mL to 1L plus 125 to 200mL paraquat (200g/L)		

Triazine Tolerant Canola Only

Restrains:

DO NOT use a triazine herbicide if the area had a triazine herbicide applied to it last growing season

DO NOT apply by aircraft. Apply only by boom spray and observe a 60m buffer zone to natural or impounded lakes and a 20m buffer zone to any well, sink hole intermittent or perennial streams.

DO NOT use more than 2L/ha on alkaline soils (greater than pH 6.5) or in combination with atrazine. Note: This will reduce the potential for herbicide carryover into rotational cereal crops.

DO NOT apply to waterlogged soils.

DO NOT apply if heavy rains or storms that are likely to cause run off are forecast within 2 days of application.

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Single Application - Pre-emergence	Annual rye grass, Barley Grass, Capeweed, Charlock, Corn Gromwell (Sheep Weed), Double Gee (Spiny emex), Fumitories, Geranium, Ivy-leaf Speedwell, London Rocket, Mustards, Oats, Paterson's Curse, , Shepherd's Purse, Soursob, Turnip Weed, Wild Radish, Wild Turnip, Winter Grass. Suppression of: Clovers, medics, wireweed and annual grasses	2 – 4 L/ha	Where a dense population of annual ryegrass, wild oats or wireweed is expected a pre-sowing treatment of trifluralin is recommended. Post Sowing pre-emergence – best results are obtained when the treatment is applied to bare, moist soil and when significant rain (20-30mm) to wet the soil through the weed root zone occurs within 2-3 weeks of application.
Split application Pre-emergence Plus Post Emergence		1 – 2L/ha (pre-emergence) PLUS 1 –2 L/ha Sipcam Maizina 500 Herbicide	

Almonds Established for at least 3 years	Annual Ryegrass, Annual Thistles, Barley Grass, Bindy-eye, Brome Grass, Capeweed, Chickweed, Common Sow Thistle, Creeping Oxalis, Fathen, Geranium, Ivy-leaf Speedwell, Nettles, Potato Weed, Powell's Amaranth, Red Root Amaranth, Redshank, Shepherds Purse, Slim Amaranth, Turnips (not NSW), Wild Mustard, Wild Oats, Winter Grass, Wireweed (not Tas) Suppression of: Soursob	SA only	1.7 to 3.5L	110 to 220mL	Apply to bare moist soil immediately after cultivation before weed emergence. Lower rates (990mL to 1.7L/ha) can be used in combination with other pre-emergence herbicides to improve broadleaf weed control.	
Apples and Pears		Qld only	7L	-	Use the higher rate on heavier soils. Apply to bare moist soil.	
		NSW, Vic, Tas, SA, WA only	3.2 to 4.5L	160 to 220mL		
Asparagus		All States	2.3 to 4.5	-	110 to 220mL	Use the higher rates on heavy soil and for control of Wild Oats. Apply to bare moist soil after last cultivation and before spear emergence.
Berry Fruits established at least 12 months - Currants, Loganberries, Raspberries						Apply to established plants to bare moist soil. Do not apply to foliage or when fruit is present. Use the higher rate to control Wild Oats.
					Apply to bare moist soil immediately after cultivation before weed emergence.	
					Apply to bare moist soil after planting. High rates may cause crop damage on sandy soils low in organic matter.	
Citrus established for at least 12 months						
Gladioli			2.2L	110mL per 500 sqm		
Hops			2.3 to 4.5L	-	Apply in late winter to bare moist soil before hop emergence. Hops should be covered by at least 50mm of soil.	
Roses established at least 12 months		NSW, Vic, Tas, SA, WA only	2.3 to 4.5L	110 to 220mL	Use the higher rate on heavier soils. Apply to bare moist soil.	
Vines established at least 3 years		NSW, Vic, Tas, SA, WA only	2.3 to 4.5L	110 to 220mL	Use the lower rate on sandy alkaline soils.	
	Qld only	7L	-			

Non Agricultural Areas eg Footpaths, Factory Sites, Road Shoulders, Headlands, Railway Tracks, Public Utilities, Aerodromes, Fence lines, etc.	Annual Ryegrass, Annual Thistles, Barley Grass, Bindy-eye, Brome Grass, Capeweed, Chickweed, Common Sow Thistle, Creeping Oxalis, Fathen, Geranium, Ivy-leaf Speedwell, Nettles, Potato Weed, Powell's Amaranth, Red Root Amaranth, Redshank, Shepherds Purse, Slim Amaranth, Turnips (not NSW), Wild Mustard, Wild Oats, Wimmera Ryegrass, Winter Grass, Wireweed (not Tas) Suppression of: Soursob	All States	8.8L	800mL	This rate gives maintenance control only. Apply to bare, moist soil prior to the rainy season to ensure the herbicide is moved into the soil.
			18 to 44L	1.8 to 4.4L	This rate gives long term residual control in winter rainfall areas. Apply to bare, moist soil prior to the rainy season to ensure the herbicide is moved into the soil.
			44 to 88L	4.4 to 8.8L	Apply to bare, moist soil prior to the rainy season to ensure the herbicide is moved into the soil. This rate gives long term residual control in summer rainfall areas.

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

WITHHOLDING PERIOD:

SUB CLOVER - DO NOT GRAZE FOR 14 DAYS AFTER APPLICATION. DO NOT CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

CHICKPEAS - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 9 WEEKS AFTER APPLICATION.

**CANOLA – Pre-emergence application – DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 15 WEEKS AFTER APPLICATION
- Post-emergence application – DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 10 WEEKS AFTER APPLICATION**

GENERAL INSTRUCTIONS

This product is a pre-emergent and herbicide which selectively controls certain annual and perennial weeds in the situations as listed in the directions for use table. [It can also be used to control weeds in Triazine Tolerant Canola varieties](#). Established perennial species will not be controlled at the rates recommended. Duration and effectiveness of control depends on the amount of chemical applied, soil type, rainfall, weed species and other conditions.

Best results are achieved if the product is applied to bare moist soil. Since the product mainly enters weeds through root absorption, sufficient moisture (either rainfall or irrigation) is required to move the product into the root zone of weeds to make the product effective.

Triazine Tolerant Canola

[The use of this product may promote the development of herbicide resistance in weed populations. Sipcam Pacific Australia Pty Ltd have a stewardship programme in place to assist in the Weed Management Strategy. It is important that the grower be aware of the Weed Management strategy . Such advice can be obtained from Sipcam Pacific Australia Pty Ltd.](#)

Mixing

Stir the product or invert the container prior to use in case settling has occurred in storage.

Partially fill the spray tank with water and maintain agitation while adding the required quantity of Sipcam Simazine 500. Agitation should continue after filling and during spraying.

If spray is allowed to stand, agitate thoroughly before resuming spraying.

Compatibility

This product is compatible with amitrole and diuron flowable..

It may also be mixed with glyphosate, paraquat, diquat or paraquat/diquat mixtures provided the mixture is agitated vigorously.

When mixing with glyphosate add crystalline ammonium sulphate 2kg/100L to avoid antagonism.

Avoid mixing in extremely cold weather (2-5°C). The use of a buffering agent is recommended when mixing with alkaline water (pH 8-12).

Application

Apply in a minimum of 50L/ha (WA); 100L/ha (SA, NSW, Vic, Qld); 200L (Tas). Higher water volumes are preferred to increase the evenness and accuracy of application.

Resistant Weeds Warning

Sipcam Simazine 500 Flowable Herbicide is a member of the triazines group of herbicides. Sipcam Simazine 500 Flowable Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Sipcam Simazine 500 Flowable Herbicide is a Group C Herbicide.

Some naturally occurring weed biotypes resistant to Sipcam Simazine 500 Flowable Herbicide and other triazine herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Sipcam Simazine 500 Flowable Herbicide or any other triazine herbicide.

Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcam Pacific Australia Pty Limited accepts no liability for any losses that may result from the failure of Sipcam Simazine 500 Flowable Herbicide to control resistant weeds.

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Do not plant to crops other than those recommended on this label for at least 9 months following application of this product up to 4.5L/ha. When application rates exceed 4.5L/ha, planting may not be possible for long periods of time.

Do not make more than two applications in any one year in lupins, apples, pears or vineyards.

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FIRST AID

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