

CAUTION

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



GLYPHOSATE 450

HERBICIDE

ACTIVE CONSTITUENT: 450g/L GLYPHOSATE present as the isopropylamine salt

GROUP	M	HERBICIDE
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A non-selective herbicide that will kill most emerged weeds and plants in situations as indicated in the directions for use.

IMPORTANT: READ ATTACHED BOOKLET BEFORE USING THIS PRODUCT

CONTENTS 1, 5, 10, 20, 110, 200, 500, 1000 LITRES

APVMA Approval No: 50572/0499



SIPCAM PACIFIC AUSTRALIA PTY LIMITED
Level 1, 191 Malop Street Geelong VIC 3220

® Registered Trademark of Sipcam Pacific Australia Pty Ltd

SIPCAM GLYPHOSATE 450 HERBICIDE

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 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 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.

Refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Keep out of reach of children. Product will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing product for use, wear elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing, gloves and face shield or goggles. When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 13 11 26).

SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier or from our web site, www.sipcam.com.au

NOTICE TO BUYER

This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

Batch No:

Date of Manufacture:

This product is NOT a Dangerous Good under the Australian Code for the transport of Dangerous Goods by road and rail.

**For specialist advice in emergency only, call
1800 033 111 all hours, Australia wide**



G.H.S. STATEMENT

RESPONSE P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378: Not combustible. Use extinguishing media suited to burning materials.

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DIRECTIONS FOR USE

RESTRAINTS

- DO NOT spray Sipcarn Glyphosate if rain is likely to occur within 6 hours. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required

CROP/ SITUATION	WEEDS CONTROLLED	STATE	RATES	CRITICAL COMMENTS	
PRIOR TO SOWING OF CROP OR PASTURE For the control of some annual and perennial grasses and some broadleaf weeds prior to seeding	Barley grass, Brome grass, Volunteer cereals, Wild oats	WA, SA, VIC, NSW, QLD Only	400ml to 1.0L per hectare	<ol style="list-style-type: none"> 1. Low rates are for weeds from emergence up to 3 weeks of age. Increase rates after 3 weeks by increments of 100ml per hectare per week up to the highest rate 2. Do not spray plants under stress from low moisture, frost, cold and waterlogging 3. If heavy grazing has occurred, allow regrowth to 6-8 cm before spraying 4. To ensure control and avoid respraying newly emerged weeds, work sprayed area by full cultivation or the seeding operation within 3 weeks of spraying 5. Where cultivation of sowing does not occur within 21 days, new weed growth may require further treatment 6. Seeding can occur 1 day after spraying for annual weeds and 7 days after spraying for perennial weeds provided a good seed bed can be established 7. The addition of a non-ionic surfactant may improve control 	
	Capeweed, Doublegee (Spiny Emex)		400ml to 1.2L per hectare		
	Annual ryegrass, Clovers, Dock (seedling), Erodium, Fumitory, Medics, Paterson's curse, Saffron thistle, Silver grass, Scotch thistle, Volunteer lupins, Wild Turnip	WA SA VIC NSW Only	800ml to 1.2L per hectare		
	Sorrel, sub-clover, Perennial phlaris Soursob		1.2L per hectare		
	Annual ryegrass, Dock, Fumitory, Lupins, Paterson's curse, Saffron thistle, Silver grass, Wild turnip		QLD Only		800ml to 1.2L per hectare
	Sub-clover				1.2L per hectare
	All the above weeds. Established Clover suppression only		TAS Only		1.2 to 2.4L per hectare
FALLOWS OR PRIOR TO SEEDING A SUMMER CROP OR WINTER CROP	Barley grass, Volunteer cereals Wild oats	NSW QLD Only	400ml to 1.0L per hectare	<ol style="list-style-type: none"> 1. Ensure weeds are actively growing 2. Do not spray plants affected by stress from moisture, frost, cold or waterlogging 3. Lower rates are for young weeds, increase to higher rates when grasses have fully tillered and broadleaf weeds reach stem elongation/budding 4. If heavy grazing has occurred, allow regrowth to 6-8 cm before respraying 5. In temperatures above 35°C Do Not Apply By Aircraft 	
	Barnyard grass, Annual ryegrass, Fumitory, Mintweed, Saffron thistle, Sunflower, Yellowvine (Caltrop), Summer grass		800ml to 1.2L per hectare		
	Cabbage thistle (Variegated thistle), Sow thistle, Turnip weed, Wild turnip		800ml to 1.2L per hectare. Increase rate to 1.6L after Stem Elongation/ Budding or 400ml to 1.2L + 2,4-D Ester (800 g/L) at 500ml to 700ml		

SORGHUM CONTROL (Post harvest)	Grain sorghum, Sorghum bicolor	QLD NSW Only	800ml to 1.6L	<ol style="list-style-type: none"> 1. Do not spray plants affected by stress from moisture, frost, cold or waterlogging 2. Apply at lower rates of 800ml-1.2L for fresh regrowths of 20cm high 3. Apply at 1.2L-1.6L for standing stubble when sufficient green leaf is present
PASTURE SEED SET CONTROL For the seed set control of some annual grasses in pasture	Annual ryegrass	WA SA VIC NSW TAS Only	360ml per hectare	<ol style="list-style-type: none"> 1. Allow even head emergence of grasses before spraying 2. Annual ryegrass to be sprayed at flowering stage. 3. Other grasses can be sprayed from head emergence to the milky dough stage. 4. Treatment may cause a reduction in pasture legume population. 5. A non-ionic surfactant may be added for improved control
	Barley grass, Bromegrass, Silver grass		240ml to 360ml per hectare	
PASTURE INFESTED WITH POA TUSSOCK (prior to pasture renovation)	Most annual weeds and suppression of Poa tussock	VIC NSW TAS QLD Only	2.5L to 3.2L	<ol style="list-style-type: none"> 1. Apply to actively growing plants after the autumn break. Graze heavily and remove stock 14 days before spraying to permit fresh regrowth. Increasing to the higher rate may provide more effective reductions.
PASTURE MANIPULATION For suppression or control of some grasses prior to seeding forage species or soybeans	Kikuyu, Paspalum	WA VIC NSW QLD Only	1.1L to 4.8L per hectare	<ol style="list-style-type: none"> 1. Use low rates for suppression and higher rates for complete control
	Carpet grass	QLD Only		
RICE For control of some weeds prior to direct drilling rice crops	Annual ryegrass, Barley grass, Sub-clover, Burr medics	NSW Only	800ml to 1.0L per hectare	<ol style="list-style-type: none"> 1. Ensure weeds are actively growing 2. In drought conditions pre-watering prior to spraying is recommended 3. If heavy grazing occurred, allow regrowth to about 6 - 8 cm before spraying 4. Direct drilling can occur 1 to 14 days after spraying
SUGAR CANE Spraying of ratoons	Cultivars: Q63, Q87, Q90, Q102, Pindar triton, Q117, Q120, Q129, Q130, H56-752	QLD Only	2.4L to 3.2L	<ol style="list-style-type: none"> 1. Apply only on actively growing ratoons 60-100 cm in height 2. Use the lower rate for suppression only 3. Ensure correct overlap of spray pattern of the crop canopy
	Q86, Q96, Q114		3.2L to 4.0L	
	Cassius, Q115, Q122, Q94		4.0L to 4.8L	
	NCo 310, Q107		4.8L to 7.2L	

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

GENERAL INSTRUCTIONS

- Sipcam Glyphosate 450 is a non-selective, water soluble liquid herbicide effective in the control of many annual and perennial grasses and broadleaf weeds in crop areas, land preparations and non-crop areas.
- Sipcam Glyphosate 450 is inactivated in soil and does not provide residual weed control.
- Sipcam Glyphosate 450 is absorbed by the plant foliage and green stems and moves through the plant from point of contact to root system.
- Visible effects are gradual yellowing, and wilting of the plant which advances to complete browning of growth above the ground and deterioration of underground plant parts.
- Visible effects takes 3 to 7 days on annual weeds, whereas on perennial weeds it may take 2 to 3 weeks or longer depending on weather conditions following spraying.
- No withholding period is required for this product. However to ensure herbicide absorption, grazing of treated areas should be delayed at least one day after treatment of annual weeds and 7 days for perennial weeds.

MIXING

- Clean spray tank and assure it is free from residues of previous spray materials.
- Fill the spray tank with half the required amount of clean water. Add the required amount of Sipcam Glyphosate 450 and mix well before adding the remaining water.
- If surfactant is required, add this last to minimise foaming.
- Agitate well before spraying.
- When preparing spray solution, use clean water since hard water containing calcium salts could inactivate glyphosate.
- Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, brass, copper, fiberglass, plastic or plastic lined spray tanks. Do not mix or store the product or spray solutions in galvanized steel or unlined steel (except stainless steel).

TANK MIXES

Atrazines/Triazines

- Sipcam Glyphosate 450 may be tank mixed with Atrazine Flowable or Triazine Flowable for knockdown and residual weed control.
- Addition of crystalline ammonium sulphate at 2% w/v (2 kg/100 litre spray solution) is recommended to avoid antagonism.

Dicamba

- Sipcam Glyphosate 450 and Dicamba may be tank mixed for more effective control of Sorrel, Sub. Clover, medics, 2,4-D Esters
- Sipcam Glyphosate 450 may be tank mixed with 2,4-D Ester for improved control of broadleaf weeds.

APPLICATION

Boom Equipment

- Use at spray volume of 25 to 100 L/ha. Fan nozzles at pressure of 240 - 280 Kpa is recommended. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

Knapsack and Handgun Equipment

- Adjust equipment to deliver a fine spray pattern and ensure a complete and uniform wetting of all foliage.
- Do not spray in conditions conducive to spray drift.

GENERAL SPRAYING INSTRUCTIONS

- Do not spray Sipcam Glyphosate if rain is likely to occur within 6 hours. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required
- Do not add extra surfactant or mix with other agricultural chemicals, herbicide oils or any other materials unless specifically directed on the label.

WEED RESISTANCE WARNING

GROUP M HERBICIDE

Sipcam Glyphosate 450 Herbicide is a member of the glycine group of herbicides. Sipcam Glyphosate 450 Herbicide has the inhibitor of EPSP synthase mode of action. For weed resistance management Sipcam Glyphosate 450 Herbicide is a Group M Herbicide. Some naturally occurring weed biotypes resistant to Sipcam Glyphosate 450 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 Glyphosate 450 Herbicide or any other glycine 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 Pacific Glyphosate 450 Herbicide to control resistant weeds.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

- DO NOT contaminate dams, rivers or streams with the product or used containers.
- Do NOT apply to weeds growing in or over water. Do NOT spray across open bodies of water
- Avoid contamination of seed, feed or foodstuffs. Keep container closed to prevent spills and contamination.

PROTECTION OF CROP, NATIVE AND OTHER NON-TARGET PLANTS.

- Contact with desirable plants and trees may cause severe damage or destruction.
- Do not spray in conditions conducive to spray drift.
- Do not spray using equipment which might lead to spray drift to nearby susceptible plants and adjacent crops.
- Do not re-use container for any other purpose.

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