

# POISON

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

  
SIPCAM **TARGA**®  
**HERBICIDE**

**ACTIVE CONSTITUENT: 99.5 g/L QUIZALOFOP-P-ETHYL**  
**SOLVENT: 802 g/L HYDROCARBON LIQUID**

GROUP	<b>A</b>	HERBICIDE
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For the control of certain grass weeds in broadleaf crops as per Direction for Use table.

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

**CONTENTS: 5, 10, 20 Litres**

APVMA Approval No: 62712/1207



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

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# SIPCAM TARGA 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

Will irritate the eyes and skin. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. If product in eyes, wash out immediately with water. Wash hands after use. After each day's use wash gloves, face shield or goggles and contaminated clothing.

## FIRST AID

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

## 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](http://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, Sipcarn'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 Sipcarn'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 Sipcarn 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

### HAZARDS

AUH066: Repeated exposure may cause skin dryness or cracking.

H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled. H411: Toxic to aquatic life with long lasting effects.

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### PREVENTION

P102: Keep out of reach of children. P261: Avoid breathing fumes, mists, vapours or spray. P262: Do not get in eyes, on skin, or on clothing. P264: Wash contacted areas thoroughly after handling.

P271: Use only outdoors or in a well ventilated area. P273: Avoid release to the environment.

**RESPONSE** P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

**STORAGE** P405: Store locked up.

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## DIRECTIONS FOR USE

### RESTRAINTS:

**DO NOT** apply to crops that are stressed by any cause (such as severe cold weather, disease, drought or waterlogging).

**DO NOT** apply to weeds that are stressed by any cause (such as weather conditions, drought, waterlogging) or not actively growing. Grass weeds under stress frequently become less susceptible to herbicide activity. This may result in an incomplete kill or suppression of weeds only.

**DO NOT** apply under conditions of high temperature and low humidity.

**DO NOT** apply if rainfall is expected within 3 hours.

**DO NOT** apply less than 50L prepared spray/ha – see section "Ground Spraying".

### BOOM SPRAYING: WINTER GROWING WEEDS: ALL STATES.

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot	Annual Ryegrass ( <i>Lolium rigidum</i> ) Brome Grasses ( <i>Bromus</i> spp.)	3 leaf to early tillering	300 mL or 375 mL	14 days	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*
Cabbage				9 weeks	-	
Canola				11 weeks	28 days	
Carrots				10 weeks	-	
Cauliflower				14 days	-	
Chickpeas				12 weeks	28 days	
Clover & subclover pastures				-	14 days	
Cucumbers*				14 days	-	
Faba beans				12 weeks	28 days	
Field peas				9 weeks	28 days	
Honey dew melons*	Wild Oats ( <i>Avena</i> spp)	3 leaf to mid tillering	125 mL or 250 mL	9 weeks	-	Apply when weeds are actively growing. Use the lower rate only under light weed pressure and/or when weeds are at the 1-3 leaf stage. Use higher rate under heavy weed pressure and/or when weeds are tillering. The higher rate will give better or more reliable control*
Lentils				12 weeks	28 days	
Lucerne				-	28 days	
Lupins				6 weeks	28 days	
Medic pasture				-	14 days	
Mung beans				12 weeks	28 days	
Navy beans				12 weeks	28 days	
Onions				18 weeks	-	
Potatoes				10 weeks	-	
Pumpkins*				9 weeks	-	
Radish	21 days	-				
Tomatoes	4 weeks	-				
Vetch	12 weeks	28 days				

\*Always add a surfactant/wetting agent at the recommended rate. See section on "use of surfactant/wetting agent" for details.

**•IMPORTANT: DO NOT** apply Targa before the five true leaf stage of the crop.

**BOOM SPRAYING: SUMMER GROWING WEEDS: ALL STATES.**

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot Cabbage Cauliflower Carrots Cucumbers• Green beans Honey dew melons• Lucerne Mung beans Navy beans Onions Peanuts Potatoes Pineapples Pumpkins• Radish Soybeans Sunflower Tomatoes	Aw nless Barnyard Grass ( <i>Echinochloa colona</i> ) Barnyard Grass ( <i>Echinochloa crusgalli</i> )	3 leaf to early tillering	500mL or 750mL	14 days 9 w eeks 14 w eeks 10 w eeks 14 days 5 w eeks 9 w eeks	- - - - - 28 days -	Apply w hen weeds are actively grow ing. Use higher rate under heavy w eed pressure, and/or w hen weeds have commenced tillering*
	Couch grass ( <i>Cynodon dactylon</i> )	2 – 4 leaf seedling	500mL	- 12 w eeks 12 w eeks	28 days 28 days 28 days	Apply w hen weeds are actively grow ing. This rate w ill only control seedling Couch Grass w hich is less than 2 months old and established fromseed*.
	Dinebra ( <i>Dinebra retroflexa</i> )	3 leaf to early tillering	250mL or 375mL	18 w eeks 11 w eeks 10 w eeks 7 days	- 11 w eeks - -	Apply w hen weeds are actively grow ing. Use higher rate under heavy w eed pressure, and/or w hen weeds have commenced tillering*
	Crow sfoot grass ( <i>Eleusine indica</i> )	2 leaf to early tillering	500mL	9 w eeks 21 days 12 w eeks	- - 28 days	Apply w hen weeds are actively grow ing*.
	Foxtail Millet ( <i>Setaria italica</i> )	2 leaf to early tillering	250mL or 500mL	9 w eeks 4 w eeks	11 w eeks -	Apply w hen weeds are actively grow ing. Use higher rate under heavy w eed pressure, and/or w hen weeds have commenced tillering*
	Columbus grass ( <i>Sorghum x alnum</i> ) Johnson grass ( <i>Sorghum halepense</i> ) Liverseed grass ( <i>Urochloa panicoides</i> )	2 leaf to 3 tiller	500mL or 750mL			
	Rhodes grass ( <i>Chloris gayana</i> ) Stink grass ( <i>Eragrostis cilianensis</i> )	3 leaf to early tillering	250mL or 500mL			
	Queensland Blue grass ( <i>Dichanthium sericeum</i> )	3 leaf to early tillering	500mL			Apply w hen weeds are actively grow ing*.
	Summer grass ( <i>Digitaria ciliaris</i> )	3 leaf to early tillering	500mL or 1000mL			Apply w hen weeds are actively grow ing. Use higher rate under heavy w eed pressure, and/or w hen weeds have commenced tillering*

\*Always add a surfactant/wetting agent at the recommended rate. See section on “use of surfactant/wetting agent” for details.

•**IMPORTANT: DO NOT** apply Targa before the five true leaf stage of the crop

## HAND GUN SPRAYING: ALL STATES

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot	Aw nless Barnyard Grass ( <i>Echinochloa colona</i> ) Crow foot grass ( <i>Eleusine indica</i> )	3 leaf to early tillering	125 mL	14 days	-	Apply when weeds are actively growing. Use a minimum of 800L of prepared spray/ha. Thoroughly wet target weeds (especially well established clumps) without causing runoff. Repeat spraying may be necessary for perennial grass species. Always add a surfactant/wetting agent at the recommended rate – see section on “Use of Surfactant/Wetting agent” for details.
Cabbage				9 weeks	-	
Cauliflower				14 days	-	
Canola				11 weeks	28 days	
Carrots				10 weeks	-	
Chickpeas				12 weeks	28 days	
Clover & subclover pastures				-	14 days	
Cucumbers*				14 days	-	
Faba beans				12 weeks	28 days	
Field peas				9 weeks	28 days	
Grapes	-	-				
Green beans	Johnson grass ( <i>Sorghum halepense</i> )	Seedling 2 leaf to early tillering	250 mL	5 weeks	28 days	
Honey dew				9 weeks	-	
Melons*				12 weeks	28 days	
Lentils				-	28 days	
Lucerne				6 weeks	28 days	
Lupins				-	14 days	
Medic pasture				12 weeks	28 days	
Mung beans				12 weeks	28 days	
Navy beans				18 weeks	-	
Non crop				11 weeks	11 weeks	
Onions	7 days	-				
Peanuts	10 weeks	-				
Pineapples	9 weeks	-				
Potatoes	21 days	-				
Pumpkins*	12 weeks	28 days				
Radish	9 weeks	11 weeks				
Soy beans	4 weeks	-				
Sunflowers	12 weeks	28 days				
Tomatoes	-	-				
Vetch	-	-				

•**IMPORTANT: DO NOT** apply Targa Herbicide before the five true leaf stage of the crop.

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

### WITHHOLDING PERIOD

#### HARVEST

BEETROOT, CAULIFLOWER, CUCUMBERS: DO NOT HARVEST FOR 14 DAYS BEFORE HARVEST.

CABBAGE, FIELD PEAS, HONEY DEW MELON, PUMPKINS, SUNFLOWERS: DO NOT APPLY LATER THAN 9 WEEKS BEFORE HARVEST.

CARROTS, POTATOES: DO NOT APPLY LATER THAN 10 WEEKS BEFORE HARVEST.

CHICKPEAS, FABA BEANS: DO NOT APPLY LATER THAN 12 WEEKS BEFORE HARVEST.

CANOLA, PEANUTS: DO NOT APPLY LATER THAN 11 WEEKS BEFORE HARVEST.

GREEN BEANS: DO NOT APPLY LATER THAN 5 WEEKS BEFORE HARVEST.

GRAPES: NOT REQUIRED WHEN USED AS DIRECTED.

LUPINS: DO NOT APPLY LATER THAN 6 WEEKS BEFORE HARVEST.

ONIONS: DO NOT APPLY LATER THAN 18 WEEKS BEFORE HARVEST.

PINEAPPLES: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

RADISH: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.

TOMATOES: DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST.

#### GRAZING

CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, GREEN BEANS, LENTILS, LUCERNE, LUPINS, MUNG BEANS, NAVY BEANS,

SOYBEANS, VETCH: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 28 DAYS AFTER APPLICATION.

CLOVER, MEDIC PASTURES (EXCEPT LUCERNE), SUB CLOVER: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION.

PEANUTS, SUNFLOWERS: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 11 WEEKS AFTER APPLICATION.

## GENERAL INSTRUCTIONS

Targa is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops. Targa is a systemic herbicide, which is rapidly absorbed and readily translocates from the treated foliage to the root system and growing points of the plant. Applications made to grass weeds stressed due to insufficient moisture or cold temperatures may result in unsatisfactory control.

### Resistant Weeds Warning

#### **GROUP A HERBICIDE**

Targa Herbicide is a member of the "Fop" (aryloxyphenoxy propionate) group of herbicides. Targa Herbicide has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Targa Herbicide is a Group A Herbicide. Some naturally occurring weed biotypes resistant to Targa Herbicide and other Inhibitors of acetyl coA carboxylase 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 Targa Herbicide or other inhibitors of acetyl coA carboxylase. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that may result from failure of Targa Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries or local Sipcam Representative.

### Time of Application

For maximum benefit, weeds should be sprayed when young and actively growing. Application may be made at any stage of crop growth (except to cucurbit crops), but sufficient time must be allowed for the prescribed withholding period to expire before harvest and/or grazing or cutting for stockfeed.

**IMPORTANT: DO NOT** apply Targa to cucurbit crops before the five true leaf stage.

### Spray Preparation

If spray equipment has been previously used for the application of sulfonylurea herbicides eg Sipcam Esteem Herbicide, Sipgran 750 Herbicide, Accolade Herbicide, ensure that the recommended spray cleanup procedure for the product previously sprayed has been followed, before using the equipment for the application of Targa.

### Use of a Surfactant/Wetting Agent

Targa may be used with either of the following adjuvant system:

- 1) A non-ionic surfactant (1000 gai/L strength) at 100 mL/100L (i.e. 0.1% v/v) and a mineral spray oil at 1 L/100L of final spray volume (ie 1% v/v)
- 2) A non-ionic surfactant (1000 gai/L) at 200 mL/100L of final spray volume (i.e. 0.2% v/v).

DO NOT use non-ionic surfactant + mineral oil adjuvant system on vegetable crops, use a non-ionic surfactant only. DO NOT use non-methylated spray oils of crop origin (eg Cocacide oil, Synetrol oil) as spray adjuvants

### Compatibilities

Targa is compatible with the Sertin\* 186 EC, Sertin\*Plus, Grasidim and Select\*. The recommended surfactant/wetting agent for these tank mixes is the non-ionic surfactant and mineral spray oil adjuvant system. Targa is compatible with the insecticides Assign (deltamethrin), Le-mat\*, Rogor, methomyl, endosulfan, the fungicides carbendazim and mancozeb and the herbicide clopyralid when using the non-ionic surfactant and mineral oil adjuvant system. Targa is compatible with the herbicide Aspect (diflufenican) when used with the non-ionic surfactant only adjuvant system. DO NOT add crop oil to tank mixtures of Targa / Aspect. Application of Targa / Aspect tank mix may result in temporary crop effects, which usually appear as yellow or white bleaching on the leaves. New growth and subsequent yield, however, will not be affected.

### To Minimise Crop Effects

To minimise crop effects apply Targa a minimum of 5 days prior to Aspect application or a minimum of 10 days after Aspect application. (14-21 days if weeds have been stressed).

### Ground Spraying

Use sprayers with flat fan or hollow cone nozzles at 210-350 kPa to give an even distribution of droplets with no less than 50% of the spray volume in the 150-300 micron range. 110° flat fan nozzles are preferred. Use between 50 and 100 litres of prepared spray/ha, the higher spray volume gives more reliable results. If weeds are large and the crop canopy is dense, increase the volume to 150 litres prepared spray/ha. For proper spray coverage adjust the boom and nozzle height according to the specification listed by the nozzle manufacturers. Ensure the spray is evenly distributed and a double overlap spray pattern is obtained. Avoid overlapping boomspray widths and shut off spray booms while starting, slowing or stopping.

### Sprayer cleanup

Thoroughly clean all traces of Targa from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean those parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed cereal and grass crops.

**PRECAUTION: RE-ENTRY**

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear chemical resistant gloves. Clothing must be laundered after each day's use.

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

DO NOT plant cereal crops into the treated area for a period of 18 weeks after application of Targa. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping land or pastures.

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

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

**STORAGE AND DISPOSAL**

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\* Not a Sipcam trademark