

CAUTION

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

GRASIDIM®

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CLETHODIM
SOLVENT: 655g/L LIQUID HYDROCARBONS

GROUP	A	HERBICIDE
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For the control of certain grass weeds in beetroot, cabbage, canola, celery, chickpeas, cotton, faba beans, field peas, forestry, lentils, lettuce, lupins, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans as per the Directions for Use Table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

Contents: 10L, 20L, 110L, 1000L

APVMA Approval No: 60190/58201B



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

® Registered Trademark of Sipcam Pacific Australia Pty Ltd

GRASADIM SELECTIVE 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

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, face shield or goggles. If product in eyes, wash it out immediately with 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 poisoning occurs, contact a doctor, or Poisons Information Centre (Phone Australia 131126).

If swallowed, do NOT induce vomiting. Give a glass of water.

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 classified as 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. STATEMENTS

HAZARDS H227: Combustible liquid. AUH066: Repeated exposure may cause skin dryness or cracking. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness.

PREVENTION P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking. P261: Avoid breathing fumes, mists, vapours or spray. P271: Use only outdoors or in a well ventilated area.

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. P391: Collect spillage. P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

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THIS LEAFLET IS PART OF THE LABEL

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DIRECTIONS FOR USE:

- Restrains:** DO NOT apply without the addition of an adjuvant.
 DO NOT apply to plants that are stressed by moisture or temperature extremes.
 DO NOT apply if rain is expected within one hour of application.
 DO NOT apply Grasidim Selective Herbicide more than once to any one crop.

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE (mL/ha)	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
Canola, Chickpeas, Faba beans, Field peas, Lentils ⁽¹⁾ , Lupins [#]	Canola: DO NOT APPLY after flower buds become visible (green buds)	Annual ryegrass (<i>Lolium rigidum</i>) Annual phalaris (<i>Phalaris minor</i>)	150 to 250	2-leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, SA, WA only	Always apply with D-C-Trate* at 2 L/100 L or Hasten* at 1 L/100 L or Kwicken* at 1 L/100 L or Uptake* at 500 mL/100 L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides. ⁽¹⁾ Application up to 7-node / early branching crop growth stage only. [#] Not Queensland.
		Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> spp.)	175 to 250			
	Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200 to 250 (175 to 250 in WA only)				
	Volunteer barley (<i>Hordeum vulgare</i>)	250				
	Chickpeas: DO NOT APPLY beyond full flowering	Silver grass (<i>Vulpia bromoides</i>) – suppression only	250 to 500		NSW, ACT, Vic, Tas only	
		Faba beans: DO NOT APPLY beyond full flowering	Paradox grass (<i>Phalaris paradoxa</i>)		250 to 375	
Field Peas: DO NOT APPLY beyond full flowering	Lentils: Apply up to the 7 node / early branching stage of crop growth.		375	5 leaf to fully tillered		
		Lupins: DO NOT APPLY after 80% of flowers have opened				
Cotton (Qld, NSW and NT only) Peanuts, Mung beans, Soybeans	Cotton: DO NOT APPLY after full flowering (mid bloom)	Barnyard grass (<i>Echinochloa</i> spp.) Blown grass (<i>Agrostis aveacea</i>), Crowsfoot grass (<i>Eleusine indica</i>) Feathertop Rhodes grass (<i>Chloris virgata</i>), Liverseed grass (<i>Urochloa panicoides</i>), Red sprangletop grass (<i>Leptochloa filiformis</i>), Seedling Johnson grass (<i>Sorghum halepense</i>), Summer grass (<i>Digitaria</i> spp), Volunteer sorghum (<i>Sorghum</i> spp).	250 to 375	2 to 5 leaf stage	Qld, NSW, ACT, Vic, WA, NT only	Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwicken at 1 L/100 L or Uptake at 500 mL/100 L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.
				375		

CROP	WEEDS CONTROLLED	RATE (mL/ha)	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard grass (<i>Echinochloa</i> spp.)	250 to 375	2 to 5 leaf stage	All States	Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwicken at 1 L/100 L or Uptake at 500 mL/100 L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. Use a spray volume of 150 L/ha when spraying dense grass populations.
	Blown grass (<i>Agrostis aveacea</i>), Crowsfoot grass (<i>Eleusine indica</i>) Feathertop Rhodes grass (<i>Chloris virgata</i>), Liverseed grass (<i>Urochloa panicoides</i>), Paradoxa grass (<i>Phalaris paradoxa</i>), Red sprangletop grass (<i>Leptochloa filiformis</i>), Seedling Johnson grass (<i>Sorghum halepense</i>), Summer grass (<i>Digitaria</i> spp), Volunteer sorghum (<i>Sorghum</i> spp).	375	5 leaf to fully tillered		
	Annual ryegrass (<i>Lolium rigidum</i>) Annual phalaris (<i>Phalaris minor</i>)	150 to 250	2-leaf to fully tillered		
	Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> spp.)	175 to 250			
	Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200 to 250 (175 to 250 in WA only)			
	Volunteer barley (<i>Hordeum vulgare</i>)	250			
	Silver grass (<i>Vulpia bromoides</i>) – suppression only (not Qld, WA)	250 to 500			
	Winter grass (<i>Poa annua</i>)	500			

CROP	WEEDS CONTROLLED	RATE (mL/ha)	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
Forestry, non-bearing fruit trees and ornamental	Annual ryegrass (<i>Lolium rigidum</i>) Annual phalaris (<i>Phalaris minor</i>) Barley grass (<i>Hordeum leporinum</i>), Barnyard grass (<i>Echinochloa spp.</i>), Blown grass (<i>Agrostis aveacea</i>), Brome grass (<i>Bromus diandrus</i>), Crowsfoot grass (<i>Eleusine indica</i>) Feathertop Rhodes grass (<i>Chloris virgata</i>), Liverseed grass (<i>Urochloa panicoides</i>), Paradoxa grass (<i>Phalaris paradoxa</i>), Red sprangletop grass (<i>Leptochloa filliformis</i>), Seedling Johnson grass (<i>Sorghum halepense</i>) Silver grass (<i>Vulpia bromoides</i>) – suppression only (not Qld, WA), Summer grass (<i>Digitaria spp.</i>), Volunteer sorghum (<i>Sorghum spp.</i>) Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>) Volunteer barley (<i>Hordeum vulgare</i>) Winter grass (<i>Poa annua</i>)	500	2 leaf to fully tillered	All States	Apply after plants have recovered from transplant shock and are showing signs of active growth. Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L spray volume. Use a spray volume of 150 L/ha when spraying dense grass populations. Do NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.

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

WITHHOLDING PERIODS:

HARVEST:

CANOLA, CHICKPEAS, COTTON, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS,

SOYBEANS: NOT REQUIRED WHEN USED AS DIRECTED

FORESTRY: NOT REQUIRED WHEN USED AS DIRECTED

BEETROOT, CABBAGE: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

ONIONS: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

LETTUCE, POTATOES: DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST.

CELERY: DO NOT APPLY LATER THAN 9 WEEKS BEFORE HARVEST.

GRAZING:

CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, SOYBEANS:

DO NOT GRAZE OR CUT FOR STOCK FEED FOR 21 DAYS AFTER APPLICATION.

COTTON: DO NOT GRAZE OR CUT COTTON FORAGE OR STUBBLE FOR STOCK FEED.

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP	A	HERBICIDE
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Grasidim Selective Herbicide is a member of the cyclohexanedione group of herbicides. Grasidim Selective Herbicide has the inhibitor of acetyl CoA carboxylase mode of action. For weed resistance management Grasidim Selective Herbicide is a Group A Herbicide. Some naturally occurring weed biotypes resistant to Grasidim Selective herbicide and other Group A 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 Grasidim Selective Herbicide or other Group A Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcarn Pacific Australia Pty Ltd accepts no liability for any losses that may result from the failure of Grasidim Selective Herbicide to control resistant weeds.

CLEANING SPRAY EQUIPMENT

Before using Grasidim

Ensure that the recommended clean-out procedure for the previous product (particularly sulfonylurea herbicides) sprayed with the equipment was done properly.

After using Grasidim

Empty the tank and drain the whole system. Thoroughly wash inside of the tank using a pressure hose, drain the tank and clean all filters in the tank, pump line and nozzles. Use of a household detergent will aid in cleaning the equipment. Add detergent to the part-filled spray tank and thoroughly circulate through pumps, hoses and nozzles. Drain the system and thoroughly rinse twice with clean water.

Rinse water should be discharged onto a designated disposal area, or if this is unavailable, onto unused land away from desirable plants and water sources.

MIXING

To ensure even mixing, half-fill the spray tank with clean water and add the required amount of product. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

Ground Application

Grasidim Selective Herbicide should be applied with calibrated spray equipment producing a median droplet range of 200 to 300 microns VMD. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.

Aerial Application

Grasidim Selective Herbicide can be applied through aircraft fitted with boom or Micronair equipment. A spray volume of 20 to 30 L/ha is recommended and equipment should be adjusted to deliver droplets in the range of 200 to 250 microns VMD. Best results will be obtained when aerial applications are made in a light crosswind. Applications should not be made during temperature inversions or in conditions of very low relative humidity. Care should be taken to avoid drift damage to adjoining grass crops.

COMPATABILITY

Grasidim Selective Herbicide is compatible with the following grass herbicides: Targa*, Fusilade*, Verdict*, Sertin* and Correct* (Refer to the Bayer Correct label for detail on adjuvant recommendations for that product). NOTE: in all situations where Grasidim Selective Herbicide is mixed with another grass herbicide, Grasidim Selective Herbicide should be used at the full label rate specified for target weed species. Grasidim Selective Herbicide may also be applied in tank mixtures with one of the following products: Sumi-Alpha 50 EC, Sumi-Alpha Dual, Alphasip Duo Insecticide and Le-Mat*. Grasidim Selective Herbicide should not be applied in a tank mix with Brodal*, Basagran* or Blazer. Apply as separate applications. For information on compatibility of products not listed, please refer to Sipcarn Pacific Australia Pty Ltd.

CAUTION

Ornamentals and Trees – While Grasidim Selective Herbicide is generally selective to broadleaved plants (i.e. it is active against grasses), tests should always be made on a smaller number of plants not previously tested. DO NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species.

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

DO NOT apply Grasidim Selective Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Grasidim Selective Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift. Care should be taken to avoid damage to adjoining native grasses or grass crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

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

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, face shield or goggles. If product in eyes, wash it out immediately with 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 poisoning occurs, contact a doctor, or Poisons Information Centre (Phone 131126).

If swallowed, do NOT induce vomiting. Give a glass of water.

SAFETY DATA SHEET

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* Not a Sipcam Trademark