

# POISON

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

# DECISION® SELECTIVE HERBICIDE

ACTIVE CONSTITUENTS: 200 g/L DICLOFOP-METHYL  
20 g/L SETHOXYDIM  
SOLVENT : 595 g/L HYDROCARBON LIQUID  
CROP SAFENER : 20 g/L MEFENPYR-DIETHYL

GROUP	<b>1</b>	HERBICIDE
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For post-emergent control of annual ryegrass in barley and wheat as specified in the DIRECTIONS FOR USE table.

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE.**

Contents: 20L, 110L, 1000L

APVMA Approval No: 56166/141146



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

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## DECISION 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 spray tank. Do not dispose of undiluted chemical 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. Avoid contact with eyes and skin. Do not inhale vapour. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, elbow-length nitrile gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist, elbow-length PVC or nitrile gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it 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 131 126. If swallowed, DO NOT induce vomiting.

### 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, 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 Number:

### Date of Manufacture:

**This product is NOT subject to the provisions of the Australian Code for the transport of Dangerous Goods by road and rail when packed in this container and transported in Australia.**

**For 24 HOUR specialist advice in emergency only, call 1800 033 111  
all hours, Australia wide**



### G.H.S. STATEMENTS

**HAZARDS** H302 - Harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H317 - May cause an allergic skin reaction. H335 - May cause respiratory irritation.

**PREVENTION** Avoid breathing fume / gas / mist / vapours / spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves / protective clothing / eye protection / face protection.

**RESPONSE** IF exposed or concerned: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. Do NOT induce vomiting.

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## DIRECTIONS FOR USE:

### RESTRAINTS:

**DO NOT** apply to any crop other than barley or wheat

**DO NOT** apply to crops that are physically damaged (e.g. by hail, wind, insect attack).

**DO NOT** allow spray overlap or double spraying of corners.

**DO NOT** apply to weeds or crops under stress due to for example, very dry, very wet, nutrient deficient, frosty or diseased conditions, or as the result of a previous herbicide or foliar fertiliser treatment (see also General Instructions).

**DO NOT** apply if rainfall is expected within 2 hours.

Crop	Weed	State	Weed Stage	Rate (L/ha)	Critical Comments
Barley, Wheat	Annual ryegrass ( <i>Lolium rigidum</i> )	NSW, ACT, Vic, Tas, SA, WA only	2 leaf to one tiller (Z12 to Z14, 21)	1.0	Apply generally 3 to 6 weeks after sowing, when the crop is usually 2 leaf to 1 tiller (Z12 to Z14, 21). When Decision is being applied alone add one of the following adjuvants: Uptake* at 0.5% v/v, D-C-Trate* (763 g/L petroleum oil) at 1.0% v/v, or Hasten* at 1.0% v/v. When using Hasten, a suitable foliar applied zinc oxide product should be added e.g. Twin Zinc or Agrichem Broadacre Zinc at 350 mL/ha. When Decision is to be tank-mixed with a compatible product, refer to Use of a crop oil/wetting agent under GENERAL INSTRUCTIONS.

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

### WITHHOLDING PERIOD:

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER APPLICATION.**

### EXPORT OF TREATED PRODUCE

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with Decision Selective Herbicide. If you are growing produce for export, please check with Sipcarn Pacific Australia Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Decision.

### GENERAL INSTRUCTIONS

Results are best under good growing conditions, when weeds and crop are actively growing. Application to weeds or crop under stress (e.g. due to continuous frosts, dry, waterlogged, nutrient deficient or diseased conditions) should be avoided. Refer to **Crop Safety below**.

### CROP SAFETY

Some crop yellowing and growth retardation may occur within 5 weeks of application. Such adverse crop effects may be more pronounced under wet or waterlogged conditions, or where application is to lush or soft crops. When Decision is mixed with Hasten as recommended, crop yellowing and growth retardation may occasionally be severe, although this has been shown not to impact on crop yield. It has been found that the addition of a foliar applied zinc oxide product to the Decision/Hasten mixture can reduce these visual crop effects. Therefore, where Decision is applied with Hasten, the addition of such a foliar applied zinc oxide product (e.g. Twin Zinc or Agrichem Broadacre Zinc at 350 mL/ha) is recommended. To minimise crop effects, spray overlap or double spraying of corners should be avoided. Increased crop damage has also been noted in situations where wind vortices behind the spray boom have increased spray deposition immediately behind the spray tank. Seek to minimise such conditions. The application of certain nitrogen foliar fertilisers may also cause adverse crop effects. To avoid compounding effects, do not apply either Decision or these foliar fertilisers if symptoms are still evident from a previous application of either product.

### COMPATIBILITY

Mixtures of Decision with broadleaf herbicides may lead to a reduction in annual ryegrass control and/or varying degrees of crop discolouration/damage. Decision may be mixed with Tigrex\* Selective Herbicide applied at up to 0.5 L/ha or with Giant\* Selective Herbicide applied at up to 0.6 L/ha without adverse crop effects and with less than 10% loss in efficacy when applied as directed. Use a wetting agent, e.g. BS1000 at 0.25% v/v instead of Uptake, D-C-Trate or Hasten when tank mixing with Tigrex or Giant. This mixture should only be applied to crops that have reached the 3 leaf stage. Decision may be mixed with MCPA LVE applied at up to 0.7 L/ha without adverse crop effects and with less than 10% loss in efficacy when applied as directed. Use Hasten at 1.0% v/v when tank mixing with MCPA LVE. Observe crop growth stage restrictions for MCPA LVE as detailed on the MCPA LVE label. Other formulations of MCPA, e.g. amine, salt have not been evaluated and are not recommended to be tank mixed with Decision. For mixtures of Decision with Tigrex, Giant and MCPA LVE reduction in annual ryegrass control can be minimised by using a minimum of 80 L water per ha, and closely following all use recommendations and restrictions. Allow at least 10 days between any application of Decision and herbicides containing 2,4-D, 2,4-DB, MCPA or dicamba, except those listed as compatible with Decision e.g. Tigrex, Giant or MCPA LVE. Decision should preferably be applied first.

## USE OF CROP OIL/WETTING AGENT

### Decision applied alone (i.e with no other herbicides)

When Decision is being applied alone add one of the following adjuvants; Uptake at 0.5% v/v (i.e 0.5 L per 100 L of spray mixture), D-C-Trate (763 g/L petroleum oil) at 1.0% v/v (i.e 1.0 L per 100 L of spray mixture), or Hasten at 1.0% v/v (i.e 1.0 L per 100 L of spray mixture). When using Hasten a suitable foliar zinc oxide product should be added to minimise crop effects e.g Twin Zinc or Agrichem Broadacre Zinc at 350 mL/ha.

### Decision applied with Tigrex or Giant

When tank mixing Decision with Tigrex or Giant, a non-ionic wetting agent e.g. BS1000 at 0.25% v/v (i.e 250 mL per 100 L of spray mixture) should be added instead of Uptake, D-C Trate or Hasten.

### Decision applied with MCPA LVE

When tank mixing Decision with MCPA LVE add Hasten at 1% v/v (i.e 1.0 L per 100 L of spray mixture).

## APPLICATION

Ensure that complete and even spray coverage of weeds is achieved. Aim to apply Decision to the growing point (base) of annual ryegrass. Equipment must be set up to ensure penetration of the crop canopy.

## EQUIPMENT

**Ground Sprayers** – Standard boom sprayers only are recommended and must be fitted with by-pass or mechanical agitation. It is recommended that 50 to 150 L water/ha is applied with a droplet size of 200 to 300 microns (application as a FINE/MEDIUM spray as defined by ASAE S572 Standard). The use of flat fan nozzles is recommended. Nozzles creating coarse or very coarse spray qualities have not been thoroughly investigated at this time and cannot be recommended. Contact your Sipcam Pacific Australia Pty Ltd. representative for advice before applying this product through such nozzles. **Aircraft:** Contact Sipcam Pacific Australia Pty Ltd. for further information before applying from aircraft.

## MIXING

When applying Decision with Uptake, D-C-Trate or Hasten, add half the required amount of water to the tank, then add the measured amount of Decision with the agitator running. Where Hasten is used, then add a zinc oxide product as recommended. Continue filling to the desired level and then, with the agitator still running, add the required amount of Uptake, D-C-Trate or Hasten. When applying Decision with Tigrex or Giant and a wetting agent, add half the required amount of water to the tank, then with the agitator running add the measured amount of Decision and continue agitation for 2 to 3 minutes; add the Tigrex or Giant and continue agitation for a further 2 to 3 minutes; add the required amount of wetting agent, agitate for a further 2 to 3 minutes, then add the remainder of water. When applying Decision with MCPA LVE and Hasten, add half the required amount of water to the tank, then with the agitator running, add the measured amount of Decision and continue agitation for 2 to 3 minutes; add the MCPA LVE and continue agitation for a further 2 to 3 minutes; add the required amount of Hasten, agitate for a further 2 to 3 minutes, then add to the remainder of water. Do NOT allow spray mix to sit overnight.

## RESISTANT WEEDS WARNING

<b>GROUP</b>	<b>1</b>	<b>HERBICIDE</b>
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Decision Selective Herbicide is a member of the aryloxyphenoxypropionate and cyclohexanedione group of herbicides. Decision is an inhibitor of acetyl CoA carboxylase. For weed resistance management Decision is a Group 1 herbicide. Some naturally-occurring weed biotypes resistant to Decision, and other Group 1 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 Decision or other Group 1 herbicides. Since 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 the failure of Decision to control resistant weeds. DO NOT make more than one application of a Group 1 Herbicide to a crop per season. For further information on herbicide resistance management consult a Sipcam Pacific Australia Pty Ltd representative, CropLife Australia, trained agricultural consultant or local department agronomist.

## PRECAUTIONS

### Re-entry

Do not allow entry into treated areas until spray has dried. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with this product or the used container.

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

Do NOT apply under weather conditions, or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants (e.g. cereals other than barley or wheat, maize, sweetcorn, sorghum, rice or turf grasses), adjacent crops, crop lands or pasture. DO NOT plant susceptible crops (e.g. maize, sorghum, rice) for 10

weeks after application. Undersown clovers and medics: Decision does not affect undersown clovers or medics or other broadleaf crops.

## **STORAGE AND DISPOSAL**

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### **Refillable containers**

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