

Signal Heading:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Product Name:	[INSERT HERE]
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Constituent Statement:	700 g/L 2,4-D present as the dimethylamine and diethanolamine salt OR 700g/L 2,4-D present as the dimethylamine and monomethylamine salts (please choose the relevant statement for your product) [Applicants if your product contains other scheduled excipients please include these here or delete this text]
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Mode of Action:	GROUP I HERBICIDE
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Statement of Claims:	[INSERT HERE] THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.
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Net Contents:	[INSERT HERE]
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Restraints:	See 'SPRAY DRIFT RESTRAINTS' and 'GENERAL RESTRAINTS' sections. This can be uploaded as an attachment when submitting a label
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Directions For Use:	Please submit a directions for use table. As all group 8B products have protected data a template only and not an updated directions for use has not been prepared for this group. Some of your uses will be impacted by the usage restrictions given in the appendices. Please refer to these appendices when producing your directions for use or contact the APVMA for instruction.
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Other Limitations:	IN TASMANIA THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL TO 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES.
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Withholding Period:	WITHHOLDING PERIODS: PASTURE, CEREAL CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION CROP HARVEST WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.
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Trade Advice:	
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General Instructions:	[INSERT HERE]
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Resistance Warning:	Resistant Weeds Warning GROUP I HERBICIDE
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	<p>[INSERT PRODUCT NAME] is a member of the Phenoxy group of herbicides. The product has the disruptors of plant cell growth mode of action.</p> <p>For weed resistance management [INSERT PRODUCT NAME] is a Group I herbicide. Some naturally-occurring weed biotypes resistant to [INSERT PRODUCT NAME] and other Group I 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 [INSERT PRODUCT NAME] or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, [INSERT COMPANY NAME] accepts no liability for any losses that may result from the failure of [INSERT PRODUCT NAME] to control resistant weeds.</p>
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Precautions:	<p>RE-ENTRY PERIOD DO NOT hand harvest sugar cane for at least 1 day after application. If re-entering treated areas before the spray has dried, workers should wear overalls, elbow-length gloves and water-resistant footwear. Clothing must be laundered after each day's use.</p>
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Protection Statements:	<p>PROTECTION OF CROPS, NATIVE AND NON-TARGET PLANTS DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p>
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Storage and Disposal:	<p>[Applicants, please chose from the relevant statements below.]</p> <p>STORAGE AND DISPOSAL: Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.</p> <p>[Refillable containers] Empty contents fully into application equipment. Close all valves and return to [point of supply/designated collection point/other specific collection details] for refill or storage.</p> <p>[Metal drums and plastic containers] Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.</p> <p>If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management</p>
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	<p>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.</p> <p>[Containers accompanied by a leaflet If a label leaflet is to be used as part of the label for various containers that have different disposal instructions, the following 'Disposal' statement may be shown on the label leaflet in place of the full disposal instructions:]</p> <p>The method of disposal of the container depends on the container type. Read the 'Storage and disposal' instructions on the label that is attached to the container.</p> <p>[drumMUSTER containers] This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.</p>
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<p>Safety Directions:</p>	<p>Poisonous if inhaled or swallowed. Corrosive to the eyes and skin. Avoid contact with the eyes and skin. Will irritate the nose and throat. Do not inhale vapour or spray mist.</p> <p>When opening the container and preparing spray or using undiluted concentrate, wear protective waterproof clothing, elbow-length chemical resistant gloves, impervious footwear and goggles and half face piece respirator with organic vapour/gas cartridge or canister or full facepiece respirator.</p> <p>When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by hand wear half facepiece respirator with organic vapour/gas cartridge or canister. If clothing becomes contaminated with product remove clothing immediately. If product on skin, immediately wash area with soap and water.</p> <p>If product in eyes, wash it out immediately with water.</p> <p>After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water.</p> <p>After each day's use, wash gloves, goggles, respirator (and if rubber wash with detergent and warm water) and contaminated clothing.</p>
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<p>First Aid Instructions:</p>	<p>[Applicants if your product contains other scheduled excipients additional first aid instructions may be required, the first aid instructions given here are for the 2,4-D active only]</p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.</p>
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Restraints

GENERAL RESTRAINTS

- DO NOT exceed maximum application rate of 6.4 L/ha (4500 g ae/ha).
- DO NOT exceed the maximum daily application rate by backpack spraying of 5.7L/day.
- DO NOT apply if heavy rains or storms are forecast within 3 days.
- DO NOT irrigate to the point of runoff for at least 3 days after application.
- DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

[Applicants please INSERT additional restraints not covered by the proposed regulatory decision if they are applicable to your product]

SPRAY DRIFT RESTRAINTS

DO NOT apply by a vertical sprayer.

Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift

DO NOT allow **bystanders** to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an **unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The **buffer zones** in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application.

DO NOT apply if there are **hazardous surface temperature inversion** conditions present at the **application site** during the time of application. **Surface temperature inversion conditions** exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

BOOM SPRAYERS

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a VERY COARSE **spray droplet size category**
- Minimum distances between the **application site** and downwind **sensitive areas** (see '**Mandatory buffer zones**' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer Zones for Boom Sprayers

Application rate (/ha)	Boom Height above target canopy	Mandatory buffer zones (distances given in metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 250mL (180 g ae/ha)	0.5m or lower	0	0	0	0	

	1.0m or lower		15		15	Not Required
Up to 500 mL (360 g ae/ha)	0.5m or lower		0		0	
	1.0m or lower		30		30	
Up to 1 L (720 g ae/ha)	0.5m or lower		20		15	
	1.0m or lower		45		45	
Up to 1.5 L (1080 g ae/ha)	0.5m or lower		25		25	
	1.0m or lower		60		60	
Up to 3 L (2160 g ae/ha)	0.5m or lower		35		35	
	1.0m or lower		110		100	
Up to 4 L (2880 g ae/ha)	0.5m or lower		45		45	
	1.0m or lower		140		130	

AIRCRAFT

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets are no smaller than a VERY COARSE **spray droplet size category**
- For maximum release heights above the target canopy of 3 metres or 25 per cent of wingspan or 25 per cent of rotor diameter whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

Buffer Zones For Aircraft

Application rate (/ha)	Aircraft Type	Mandatory buffer zones (distances given in meters)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 250mL (175 g ae/ha)	Fixed Wing	Not Required	50	Not Required	50	Not Required
	Helicopter		40		40	
Up to 500 mL (350 g ae/ha)	Fixed Wing		85		85	
	Helicopter		65		65	
Up to 1 L (700 g ae/ha)	Fixed Wing		140		130	
	Helicopter		95		95	
Up to 1.5 L (1050 g ae/ha)	Fixed Wing		180		180	
	Helicopter		130		120	
Up to 3 L (2100 g ae/ha)	Fixed Wing		230		220	
	Helicopter		150		150	
Up to 4 L (2800 g ae/ha)	Fixed Wing		425		400	
	Helicopter		250		240	

DIRECTIONS FOR USE: - Applicants, please provide a directions for use using the template below. Where there are usage restrictions required please refer users to the appendices in this document as per the example in table 1. The restraints may mean that some uses, particularly concentrated application, are no longer supported.

Table 1. Field Crops					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
					USAGE RESTRICTIONS APPLY: See APPENDIX 5: Risk mitigation measures for Dryland cropping, pre-emergent uses

Table 2. Conservation Tillage					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS

Table 3. Pastures and non-agricultural use					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS

Table 3. Other uses				
	CROP	TARGET WEEDS	STATE	CRITICAL COMMENTS
Spot spraying	High Volume Spraying			
	Knapsack application			

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

WEED TABLE:

[Please provide a weed table for your product. Note that any weed requiring a rate greater than 6.4 L/ha (4500 g ae/ha) will not be supported.]

Plant Back Days

Crop/rates	Up to 500 mL/ha	500 mL-1 L/ha	1 - 1.5 L/ha
Balansa Clover	7	7	10
Barley ①	1	1	3
Chickpeas ②	7	14	21
Cotton	10	14	21
Faba Beans	7	7	10
Field Peas	7	14	14
Lentils	7	7	10
Linseed	7	7	14
Lucerne	7	7	10
Lupins ④	7	14	21
Medics	7	7	10
Narbon Beans	7	7	10
Navy bean	10	10	14
Oats	3	3	7
Perennial Ryegrass	7	7	10
Persian Clover	7	7	10
Phalaris	7	7	10
Canola (Rapeseed) ②	14	21	28
Rice	7	7	14
Safflower ②	7	14	21
Sorghum ③	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower ③	7	10	14
Triticale ①	1	3	7
Vetch	7	7	10
Wheat ①	1	3	7
White Clover	7	7	10

IMPORTANT: WHEN APPLIED TO DRY SOILS AT LEAST 15 mm (1/2 inch) OF RAIN MUST FALL PRIOR TO THE COMMENCEMENT OF THE PLANT BACK PERIOD.

NOTES:

① In Queensland, no rainfall is required to fall prior to commencement of Plant-back Period for wheat, barley and triticale.

② In Queensland, planting of canola / rapeseed, chickpeas and safflower must be delayed for at least 14 days following rainfall of at least 15 mm.

③ In Central Queensland, when using 700 mL/ha or less of [INSERT PRODUCT NAME] the Plant-back Period for sorghum and sunflower is 1 day irrespective of rainfall.

④ In WA the Plant-back Period for lupins at all rates is 28 days.

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Timing and Usage Restriction Appendices

Appendix 1: Timing restrictions for spraying peanuts			
Situation	Rate (L/ha)	Region	Timing Restriction
			DO NOT APPLY DURING THE MONTHS
Broadcast spraying, prior to sowing (peanuts)	Up to 1.2 L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	September to December
		Mary/Burnett	October to November
		SE Queensland	August to May
	Up to 1.5 L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	August to December
		Mary/Burnett	September to November
SE Queensland		Use not supported	
Band spraying, post-sowing pre-emergence (peanuts)	Up to 1.6 L/ha	Queensland dryland	No timing restrictions
		Cape York	No timing restrictions
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	No timing restrictions
		Mackay/Whitsunday	No timing restrictions
		Mary/Burnett	No timing restrictions
		SE Queensland	October to January
Broadcast spray, post-sowing pre-emergence (peanuts)	Up to 3.2 L/ha	Queensland dryland	June to August
		Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	October to December
		Burdekin	September and October
		Mackay/Whitsunday	August to December
		Mary/Burnett	April to January
		SE Queensland	Use not supported

Appendix 2: Application and timing restrictions for application to pastures					
DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST					
Pastures (prior to sowing,	<u>State</u>	<u>Summer</u>	<u>Autumn</u>	<u>Winter</u>	<u>Spring</u>
	Queensland & NT	4.5	4.5	4.5	4.5

conservation tillage)	New South Wales & ACT	4.5	4.5	4.5	4.5
	Victoria	0.5	1.5	4.5	1.5
	Tasmania	0.5	1.1	3.2	1.5
	South Australia	1.0	1.5	4.5	3.2
	Western Australia	1.5	3.2	4.5	3.2
Pastures (established)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	6.4	6.4	6.4	6.4
	New South Wales & ACT	6.4	6.4	6.4	6.4
	Victoria	0.9	1.7	6.4	3.2
	Tasmania	0.6	1.5	4.5	2.8
	South Australia	1.3	2.8	6.4	4.5
	Western Australia	3.2	4.5	6.4	4.5

Appendix 3: Timing restrictions for spraying SUGARCANE

Rate (L/ha)	Region	Timing Restriction
		DO NOT APPLY DURING THE MONTHS
Up to 1.5 L/ha	Wet Tropics	No timing restriction
	Burdekin	No timing restriction
	Mackay/Whitsunday	October to November
	Mary/Burnett	October to November
	Northern NSW	No timing restriction
Up to 3.2 L/ha	Wet Tropics	October to December
	Burdekin	September to October
	Mackay/Whitsunday	August to December
	Mary/Burnett	April to January
	Northern NSW	October to November

Appendix 4: Application restrictions for TURF

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST

Turf	State	Rate (L/ha)
	Queensland & NT	2.9
New South Wales & ACT	2.9	
Victoria	2.2	
Tasmania	2.2	
South Australia	2.2	
Western Australia	3.6	

If applying to golf courses in Tasmania, DO NOT apply to fairways adjacent to natural water bodies.

Appendix 5: Risk mitigation measures for Dryland cropping, pre-emergent uses

Situation	<u>Risk mitigation measures</u>
Dryland cropping, Preparatory spray	Only apply in no-till farming systems (Tasmania, South Australia)
Winter cereals, pre-emergence uses	Only apply in no-till farming systems (Tasmania, South Australia, Western Australia)
Summer cereals, pre-emergent uses	Only apply in no-till farming systems (Tasmania, South Australia)

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