



Product Name: D-KAM M Herbicide

APVMA Approval No: 94039/146725

Label Name:	D-KAM M Herbicide
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS: 340 g/L MCPA PRESENT AS THE DIMETHYLAMINE SALT 80 g/L DICAMBA PRESENT AS THE DIMETHYLAMINE SALT
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Mode of Action:	GROUP 4 HERBICIDE
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Statement of Claims:	For the control of certain broadleaf weeds in winter cereals, pastures and non-crop areas.
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Net Contents:	5 L - 1000 L
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Restraints:	<p>DO NOT spray when rain seems likely to occur within 4 hours.</p> <p>DO NOT spray when weeds are wet with dew or rain or under stress from drought, low soil fertility, extreme cold or water logging.</p> <p>DO NOT spray outside recommended crop growth as crop damage may result.</p> <p>DO NOT apply to crops or grass pastures with clover, lucerne or medics.</p> <p>DO NOT apply to legume pastures.</p> <p>DO NOT apply to plants suffering from stress.</p> <p><b>SPRAY DRIFT RESTRAINTS</b></p> <p>Specific definitions for terms used in this section of the label can be found at <a href="http://apvma.gov.au/spraydrift">apvma.gov.au/spraydrift</a></p> <p>DO NOT allow bystanders to come into contact with the spray cloud.</p> <p>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. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.</p> <p>DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.</p> <p>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</p>
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	exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	<p>WITHHOLDING PERIOD:</p> <p>GRAZING - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.</p> <p>HARVEST - NOT REQUIRED WHEN USED AS DIRECTED.</p>
Trade Advice:	
General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>MIXING DIRECTIONS:</p> <p>Add the required amount of the product directly to the tank and mix well.</p> <p>APPLICATION:</p> <p>For Boom Application:</p> <p>Apply by a properly calibrated boom spray using not less than 50 litres of water per hectare unless indicated otherwise in Critical Comments column.</p> <p>For Aerial Application:</p> <p>Apply at least 25 litres total spray volume per hectare. The aircraft should fly as low as practical under the prevailing conditions to minimise drift.</p> <p>For High Volume Application:</p> <p>Apply a minimum 1500 Litres per hectare.</p> <p>For Knapsack Application:</p> <p>A 15 Litre Knapsack treats 150 square metres.</p> <p>Note:</p> <p>Spray when weeds are young and actively growing. A temporary wilting may be evident in crops after application. If seasonal conditions are unusually late or dry, seek further advice as damage result from spraying under these conditions. Growers should seek advice before spraying recently released cereal varieties. There is a nil tolerance of pea seed contaminates in cereal grain and less than 100% control of Volunteer Peas could result in dockage.</p> <p>COMPATIBILITY:</p> <p>D-KAM M Herbicide is compatible with Flowable terbutyn.</p>
Resistance Warning:	<p>RESISTANT WEEDS WARNING</p> <p>GROUP 4 HERBICIDE</p> <p>D-KAM M Herbicide contains members of the Benzoic acid and Phenoxy groups of herbicides. D-KAM M Herbicide has the disrupters of plant cell growth mode of action. For herbicide resistance management D-KAM M Herbicide is a Group 4 Herbicide. Some naturally occurring weed biotypes resistant to D-KAM M Herbicide and other Group 4 Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if D-KAM M Herbicide or other Group 4 Herbicides are used repeatedly. These resistant weeds will not be controlled by D-KAM M Herbicide or other Group 4 Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Rainbow Agrosociences Co. Ltd accepts no liability for any losses that may result from the failure of D-KAM M Herbicide to control resistant weeds.</p>

Precautions:	
Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b>  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. Spray equipment must be calibrated accurately prior to working on crops. Keep container sealed (airtight) when not in use. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals. Minimise spray drift by using low pressure and nozzles, which DO NOT have a fine droplet size. DO NOT apply this product on or near desirable trees or plants or in locations where the chemical may be washed or moved into contact with their roots. DO NOT use in high wind. All spray equipment must be thoroughly washed out after use and must not be used for spraying horticultural crops. DO NOT use at higher rate than recommended.</p> <p><b>PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b>  DO NOT use the container for any other purpose. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p>
Storage and Disposal:	<p><b>STORAGE AND DISPOSAL:</b> Store in the closed, original container in a dry, cool, well ventilated area away from children, animals, food, feedstuffs, herbicides, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight.</p> <p>Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site.</p> <p>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 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>
Safety Directions:	<p><b>SAFETY DIRECTIONS:</b> Harmful if absorbed by skin contact or inhaled or swallowed. Will irritate the eyes and skin. Do not inhale vapour. Repeated exposure may cause allergic disorders. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. 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 days use, wash gloves, face shield or goggles and contaminated clothing.</p>
First Aid Instructions:	<p><b>FIRST AID:</b> If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766</p>
First Aid Warnings:	

## Directions for Use

Crop & Situation	Weeds Controlled	State	Rate	Critical Comments
<b>Barley, Commercial Rye, Oats, Triticale, Wheat</b> From early tillering stage (Zadoks 21)	Capeweed, Charlock, Common Ice-Plant, Seedling Docks, Doublegee (Threecornered Jack, Spiny Emex), Hexham Scent (Melilotus), Mustards, Soldier Thistle, Sorrel Seedlings, Tares, Tree Hogweed, Turnip Weed ( <i>Rapistrum rugosum</i> ), Vetches, Ward's Weed, Wild Turnip ( <i>Brassica toumefortii</i> ), Wireweed (Hogweed)	All States	1L/ha	Spray when most weeds are in the 2 to 4 leaf stage. In some instances suppression only of Wireweed (Hogweed), Capeweed and Wild Radish will occur.
	Seedling Cotton Thistle, Fat-Hen	Tas		
<b>Barley, Commercial Rye, Oats, Triticale, Wheat</b> From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30)	Cotton Thistle to bud formation	Tas	1.7L/ha	Spray when most weeds are still in the young rosette or seedling stage.  Note: Wild Radish may need to be resprayed (with 2,4-D or MCPA) if future germinations occur after spraying. In some instances suppression only of Wireweed (Hogweed), Hoary Cress and Climbing Buckwheat will be obtained.
	Mintweed, New Zealand Spinach	Qld, NSW only		
	Doublegee (Threecornered Jack, Spiny Emex), Wireweed, Vetch, Variegated Thistle, Tares, Sunflower, Hexham Scent (Melilotus), Docks	SA only		
	Capeweed, Charlock, Chickweed, Climbing Buckwheat (Black Bindweed), Clover, Common Ice-Plant, Seedling Docks, Doublegee (Three cornered Jack, Spiny Emex), Fat-Hen, Hexham Scent (Melilotus), Seedling Hoary Cress, Mouse-eared Chickweed, Mustards, Narrow-leaved Plantain, Saffron Thistle, Spurry, Swinecress, Tares, Tree Hogweed, Turnip Weed ( <i>Rapistrum rugosum</i> ), Variegated Thistle, Vetches, Wild Radish, Wild Turnip ( <i>Brassica toumefortii</i> ), Wireweed (Hogweed)	QLD, NSW, Tas, WA, Vic only		
		SA only	1.4L/ha	
<b>Barley, Commercial Rye, Triticale</b> From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30)	Volunteer Peas	SA only	1L/ha plus 60mL/ha dicamba (500 g/L)	Apply when most peas are 5-7cm high.
<b>Oats, Wheat</b> From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30)			1L/ha plus 120mL/ha dicamba (500 g/L)	

Crop & Situation	Weeds Controlled	State	Rate			Critical Comments
			Per Hectare	Per 100L	Per 15L Knapsack	
Grass Pastures	Bathurst Burr, Caltrop (Yellow Vine), Chicory, Crofton Weed, Cudweed, Dandelion, Deadnettle, Fleabanes, Fumitory, Groundsel, Heliotrope, Inkweed, Mintweed, Nettles, Noogoora Burr, Pennycress, Potato Weed, Ragwort, Ripplewort, Shepherd's Purse, Smart Weed, Soft Rush, Stinkwort, Thistles including Cockspur, Scotch (Spear), Slender, Star, Variegated, Wireweed (Hogweed)	All States	2.8-4L	190mL-270mL	60mL	Use the higher rate on larger weeds.
	Cotton Thistle	Tas				
	Buttercups, Hoary Cress seedlings, Horehound, Khaki Weed, Purple-Top, Veined Verbena	All States	4-7L	470mL	100mL	When necessary a second treatment may be made after 4 weeks.
Turf	Bindy-eye, Capeweed, Catsear, Chickweed, Clovers, Cotula, Creeping Oxalis, Cudweeds, Dandelion, Dock, Fleabane, Fumitory, Jo-Jo (Onehunga), Lambs Tongue, Medics, Mustards, Narrow-Leafed Plantain, Pearlwort, Pennywort, Peppergrass, Radish, Scarlet Pimpernel, Slender Thistle, Soldier Thistle, Spear Thistle, Toad Rush, Variegated Thistle, Wild Turnip, Wireweed (Hogweed)	All States	Golf Tee, Golf Green: 100mL in 15L water per 150m <sup>2</sup>  Bowling Green: 900mL in 200L water per 1400m <sup>2</sup>  Large Turf Area: (Field, Park, Golf Fairway) 6.5L in 250-400L water per 10 000m <sup>2</sup> (1 hectare)			Apply to actively growing weeds and moist soil. DO NOT use on Lippia or Strawberry Clover. DO NOT mow turf for two days before or after application or fertilise within 2 weeks of spraying. DO NOT reapply to Buffalo Grass within 12 months.
	Fat-Hen, Purple-Top, Red Flowered Mallow, Staggerweed, Swinegrass	Qld, NSW, Tas, SA, WA only				
Non-Crop Situations	Artichoke, Bindweed, Fennel, Hemlock, Thistle seedlings	All States	5.2L	350mL	80mL	A repeat spray may be necessary.

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