



## CAUTION

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

# Kamba<sup>®</sup> M

Selective Herbicide

**ACTIVE CONSTITUENTS: 340 g/L MCPA (present as the dimethylamine salt)  
80 g/L DICAMBA (present as the dimethylamine salt)**

GROUP **I** HERBICIDE

For the control of certain broadleaf weeds in winter cereals, pastures, turf and non-crop areas.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 49906/51802

### DIRECTIONS FOR USE

#### RESTRAINTS

- DO NOT spray when rain seems likely to occur within 4 hours.
- DO NOT spray when weeds are wet with dew or rain or under stress from drought, low soil fertility, extreme cold or water logging.
- DO NOT spray outside crop growth stages recommended as crop damage may result.
- DO NOT apply to crops or grass pastures undersown with clover, lucerne or medics.
- DO NOT apply to legume pastures.
- DO NOT apply to plants suffering from stress.

CROP & SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Barley, Commercial Rye, Oats, Triticale, Wheat From early tillering stage (Z21)	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 radish, Wild turnip ( <i>Brassica tournefortii</i> ), Wireweed (Hogweed)	All states	1L/ha	Spray when most weeds are in the 2-4 leaf stage. In some instances suppression only of wireweed (hogweed), capeweed and wild radish will occur.
	Seedling Cotton thistle, Fat hen	Tas only		
Barley, Commercial Rye, Oats, Triticale, Wheat From early tillering stage (Z21) until the fully tillered stage and before jointing occurs (Z30)	Cotton thistle to bud formation	Tas only	1.7L/ha	Spray when most weeds are still in the rosette or seedling stage. N.B. 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		
	Capeweed, Charlock, Chickweed, Climbing buckwheat (Black bindweed), Clover, Common ice-plant, seedling Docks, Doublegee (Threecornered 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, Vetch, Wild radish, Wild turnip ( <i>Brassica tournefortii</i> ), Wireweed (Hogweed)	SA only	1.4L/ha	
Barley, Commercial Rye, Triticale From early tillering stage (Z21) until the fully tillered stage before jointing occurs (Z30)	Volunteer Peas	SA only	1L/ha plus 60mL/ha Kamba <sup>®</sup> 500	Apply when most peas are 5-7 cm high.
Oats, Wheat From early tillering stage (Z21) until the fully tillered stage and before jointing occurs (Z30)			1L/ha plus 120mL/ha Kamba 500	

CROP & SITUATION	WEEDS	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, Smartweed, Soft rush, Stinkwort, Thistles including Cockspur, Scotch (Spear), Slender, Star, Variegated, Wireweed (Hogweed)	All states	2.8-4L	190-270mL	60mL	Use the higher rate on larger weeds.
	Cotton thistle	Tas only				
	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, Fleabanes, Fumitory, Jo-Jo (Onehunga), Lamb's tongue, Medics, Mustards, Narrow-leaved plaitain, Pearlwort, Pennywort, Peppergrass, Radish, Scarlet pimpernel, Slender thistle, Soldier thistle, Spear thistle, Toad rush, Variegated thistle, Wild turnip, Wireweed (Hogweed).	All states	<b>Golf Tee, Golf Green:</b> 100mL in 15L water per 150m <sup>2</sup>  <b>Bowling Green:</b> 900mL in 200L water per 1400m <sup>2</sup>  <b>Large Turf Area:</b> (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, Strawberry clover or Buffalo grass. DO NOT mow turf for two days before or after application or fertilize within two weeks of spraying.
	Fat hen, Purple-top, Red flowered mallow, Staggerweed, Swinecress	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**

**WITHHOLDING PERIOD:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD 7 DAYS AFTER APPLICATION.**

**HARVEST WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.**

**GENERAL INSTRUCTIONS**

**RESISTANT WEEDS WARNING**

GROUP	<b>I</b>	HERBICIDE
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Kamba M Selective Herbicide ("Kamba M") contains members of the Benzoic acid and Phenoxy groups of herbicides. Kamba M has the Disruptors of plant cell growth mode of action. For weed resistance management Kamba M is a Group I Herbicide. Some naturally-occurring weed biotypes resistant to Kamba M 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 Kamba M or any other Group I Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Kamba M to control resistant weeds.

**MIXING**

Add the required amount of Kamba M directly to the tank and mix well.

**APPLICATION**

**For Boom Application:** Apply by a properly calibrated boom spray using not less than 50L of water per hectare unless indicated otherwise in the Critical Comments column.

**For Aerial Application:** Apply at least 25L total spray volume per hectare. The aircraft should fly as low as practical under the prevailing conditions to minimise drift.

**For High Volume Application:** Apply minimum 1500L per hectare.

**For Knapsack Application:** A 15L knapsack treats 150 square metres.

**NOTE:** 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 may 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.

**COMPATIBILITY**

Kamba M is compatible with Flowable Igran\*.

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

Spray equipment must be calibrated accurately prior to working on crops. Minimise spray drift by using low pressure and nozzles which do not give a fine droplet size. DO NOT use in high wind. 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 onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals. 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. Keep container sealed (airtight) when not in use. All spray equipment must be thoroughly washed out after use and must not be used for spraying horticulture crops.

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

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

**STORAGE AND DISPOSAL****(15L)**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse inner bladder before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean packaging to recycler or designated collection point. If not recycling, deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm 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.

**(1L, 5L, 20L)**

Store in the closed, original container in a dry, cool, well ventilated area away from children, animals, food, feedstuffs, seed and fertilizers. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure 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. If not recycling, triple rinse, break, crush or puncture and deliver empty packaging for appropriate disposal at 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. Empty containers and product must not be burnt.

**SAFETY DIRECTIONS**

Harmful if absorbed by skin contact, 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 the spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow length PVC gloves, face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat and elbow length PVC gloves. If product in eyes, wash out immediately with water. If product on skin, immediately wash area with soap and 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 13 11 26).

**MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or the Nufarm website – [www.nufarm.com.au](http://www.nufarm.com.au)

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

**CONDITIONS OF SALE**

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

Nufarm Australia Limited  
ACN 004 377 780  
103-105 Pipe Road  
Laverton North Victoria 3026  
Tel: (03) 9282 1000  
Fax: (03) 9282 1001

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