




Product Name: NUFARM BROMICIDE MA SELECTIVE HERBICIDE  
APVMA Approval No: 31464/119453

Label Name:	NUFARM BROMICIDE MA SELECTIVE HERBICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	200 g/L BROMOXYNIL PRESENT AS THE N-OCTANOYL ESTER 200 g/L MCPA PRESENT AS THE ETHYL HEXYL ESTER 354 g/L HYDROCARBON LIQUID
Mode of Action:	GROUP <b>C I</b> HERBICIDE
Statement of Claims:	For the control of weeds in wheat, oats, barley, cereal rye, triticale, linseed, grass pastures and turf as per the Directions For Use table.
Net Contents:	5 L - 1000 L
Restrains:	DO NOT spray if weeds are wilted by dry or cold weather or if crops are at a susceptible stage, or if rain is likely within 4 hours. DO NOT apply if frosts are imminent. DO NOT apply to diseased or frost affected crops or turf.
Directions for Use:	This section contains a file attachment.

Other Limitations:	
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Withholding Periods:	WITHHOLDING PERIOD: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION.
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Trade Advice:	
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General Instructions:	<p><b>GENERAL INSTRUCTIONS</b>  Before opening, carefully read Directions for Use, Precautionary and Protection Statements, Storage and Disposal, Safety Directions and First Aid Instructions.</p> <p><b>MIXING</b>  To ensure even mixing, half fill spray tank with clean water and add the required amount of this product. Agitate thoroughly, then add the remainder of water. Agitate again before spraying commences. When mixed with Associate® or Kamba® 750, DO NOT apply to cereals undersown with lucerne. Observe all instructions on the mixture partner label. As formulations of other manufactures' products are beyond the control of Nufarm Australia Limited, all mixtures should be tested prior to mixing commercial quantities.</p> <p><b>APPLICATION</b>  DO NOT use rain-drop or air-induction nozzles as coverage of weeds may not be adequate.  Boom Sprayer: Calibrate the machine before use to ensure that the correct application rate is obtained. Check height of boom above the crop to ensure that the spray is evenly distributed.  Cereals: Apply 50-200L of water per hectare. Use higher water volume (min. 100L/ha) where the weed infestation is heavy or the crop cover is dense. Complete coverage of weeds is essential.  Linseed: Apply a minimum of 220L of water per hectare.  Turf: Apply a minimum of 500L of water per hectare.  Aerial Application: Apply a minimum of 22L of water per hectare. Markers should always move upwind before aircraft passes overhead. Application by microneaire equipment may give variable results.</p> <p><b>EQUIPMENT MAINTENANCE</b>  After use wash application equipment, thoroughly with Nufarm Tank &amp; Equipment Cleaner and rinse several times.</p> <p><b>SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT</b></p>  <p>For aerial application it is recommended where possible for this product to be applied by an aerial applicator business that holds current accreditation for the Aerial Improvement Management System –“AIMS”, issued by the Aerial Agricultural Association of Australia Ltd.</p> <p>Checklist:</p> <ul style="list-style-type: none"> <li>• Have you cleaned/decontaminated your boom sprayer?</li> <li>• Have you contacted your neighbour prior to spraying?</li> <li>• Is your sprayer set-up correctly for the particular application?</li> <li>• Check <ul style="list-style-type: none"> <li>- boom calibration</li> <li>- at nozzle - nozzle choice</li> <li>- low drift/what spray quality</li> <li>- coarse or larger spray quality?</li> <li>- boom height - speed of intended application</li> <li>- water volume</li> </ul> </li> </ul>
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- You must check, determine and record the weather conditions immediately prior to, and immediately after the spray application is made.
- Record - Temperatures
  - Relative Humidity
  - Delta T
  - Wind speed
  - Is there a temperature inversion?
- Night Spraying - Extra care is required to ensure that inversion conditions are not present. Use smoke generator to determine wind direction and presence of inversion conditions. For further information refer to [nufarm.com.au/spraywise](http://nufarm.com.au/spraywise)



[spraywisedecisions.com.au](http://spraywisedecisions.com.au) is an online weather forecasting program and is recommended for use when planning your pesticide application.

**Resistance Warning:**

**RESISTANT WEEDS WARNING  
GROUP C and I HERBICIDES**

Bromicide MA Selective Herbicide (Bromicide MA) is a member of both the nitriles and the phenoxy groups of herbicides. Bromicide MA has both the inhibitors of photosynthesis at photosystem II and disruptors of plant cell growth mode of action. For weed resistance management Bromicide MA is a Group C and Group I Herbicide. Some naturally-occurring weed biotypes resistant to Bromicide MA and other Group C and 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 this product or other Group C and 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 Bromicide MA to control resistant weeds.

**Precautions:**

**Protections:**

**PROTECTION OF CROPS, NATIVE AND OTHER 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.

DO NOT apply by misting machines.

Note: Maximum daily temperatures at or above 20°C at application, or on days following treatment, may result in seedling mortality and established plants may be damaged.

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

Dangerous to fish.

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

**PROTECTION OF LIVESTOCK**

**Grazing Precaution**

Sprayed weeds may become more palatable to stock and a higher intake of some weeds may result in stock poisoning and death from causes such as nitrate poisoning. Care should be taken especially where capeweed, Paterson's curse and variegated thistles predominate in the pasture. Avoid grazing with young or breeding stock.

DO NOT graze horses or pigs on Paterson's curse. If in doubt, contact your nearest Department of Agriculture

<p>Storage and Disposal:</p>	<p>Store in closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>Non-refillable 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. 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> <p>Refillable containers Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p>
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<p>Safety Directions:</p>	<p>Harmful if swallowed. Harmful if inhaled. Will irritate the eyes. May irritate the skin. Avoid contact with eyes and skin. Do not inhale spray mist.</p> <p>When opening the container, preparing the spray and using the prepared spray except if applying by aerial spraying equipment wear cotton overalls buttoned to the neck and wrist, elbow-length chemical resistant gloves, face shield or goggles and disposable mist face mask covering mouth and nose. In addition, when opening the container, preparing the spray and if applying by aerial spraying equipment wear cotton overalls, over normal clothing, buttoned to the neck and wrist, half facepiece respirator with organic vapour/gas cartridge or canister. In addition, if applying by low pressure hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist. If product or spray in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, respirator (if rubber, wash with detergent and warm water), face shield or goggles and contaminated clothing.</p>
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<p>First Aid Instructions:</p>	<p>If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone 13 11 26). If in eyes wash out immediately with water.</p>
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<p>First Aid Warnings:</p>	
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**DIRECTIONS FOR USE**

SITUATION & CROP	WEEDS CONTROLLED	WEED STAGE	STATE	RATE	CRITICAL COMMENTS
Wheat, Barley, Cereal rye, Oats and Triticale; Linseed; Grass Pastures	Amsinckia ( <i>Amsinckia</i> spp.), Capeweed ( <i>Arctotheca calendula</i> ), Chamomile ( <i>Matricaria matricarioides</i> ), Charlock ( <i>Sinapis arvensis</i> ), Corn gromwell (Ironweed, Sheepweed) ( <i>Buglossoides arvensis</i> ), Fat hen ( <i>Chenopodium album</i> ), Field madder ( <i>Sherardia arvensis</i> ), Hexham scent (King Island Melilot) ( <i>Melilotus indica</i> ), Horned poppy ( <i>Glaucium flavum</i> ), Indian hedge mustard ( <i>Sisymbrium orientale</i> ), Lesser swinecress ( <i>Coronopus didymus</i> ), Mexican poppy ( <i>Argemone ochroleuca</i> ), Mintweed ( <i>Salvia reflexa</i> ), Paterson's curse (Salvation Jane) ( <i>Echium plantagineum</i> ), Rough poppy ( <i>Papaver hybridum</i> ), Saffron thistle ( <i>Carthamus lanatus</i> ), Shepherd's purse ( <i>Capsella bursa-pastoris</i> ), Slender thistles ( <i>Carduus tenuiflorus</i> , <i>C. pycnocephalus</i> ), Tree hogweed ( <i>Polygonum patulum</i> ), Turnip weed (Giant Mustard) ( <i>Rapistrum rugosum</i> ), Wild radish ( <i>Raphanus raphanistrum</i> ), Wild turnip ( <i>Brassica tournefortii</i> )	Plants up to the 6 leaf stage but not more than 50mm in diameter	WA only	750mL/ha	<p><b>CROP STAGE:</b>  <b>Wheat, Barley, Cereal rye, Oats and Triticale:</b> 3 leaf to fully tillered stage (Z13-30) for rates of 750mL to 1.4L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2L/ha (NSW, ACT, Vic, SA, WA, Tas only); or early tillering to fully tillered stage (Z21-30) (Old only).  <b>Linseed:</b> 50 to 150mm high. DO NOT apply to linseed by aircraft.</p> <p>‡ If spraying Black bindweed when wheat, barley, cereal rye, oats, triticale or linseed is more than 300mm high, increased spray volume to 200L/ha.</p> <p>For optimal control, apply only when the weeds are actively growing.            In the early stages following spraying, temporary wilting of crop and pasture may occur.</p> <p>Crop scorch may occur, particularly on oats if treatment is delayed to later stages of growth. Refer to the General Instructions.</p>
Wheat, Barley, Cereal rye, Oats and Triticale; Linseed; Grass Pastures	As above	Plants up to the 6 leaf stage but not more than 50mm in diameter	Qld, NSW, Vic, Tas, SA, NT, ACT only	1.4L/ha	continued from previous  Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable
		Plants up to the 8 leaf stage but not more than 75mm in diameter.		2L/ha	
		Plants up to the 8 leaf stage but not more than 75mm in diameter.	WA only	1.4L/ha	
	Black bindweed‡ (Climbing buckwheat) ( <i>Fallopia convolvulus</i> ), Common peppergrass ( <i>Lepidium africanum</i> ), Mustards ( <i>Sisymbrium</i> spp.), Purple Calandrinia ( <i>Calandrinia menziesii</i> )	Plants up to the 4 leaf stage but not more than 35mm in diameter.	All States	1L/ha	
		Plants up to the 6 leaf stage but not more than 50mm in diameter		1.4L/ha	
		Plants up to the 8 leaf stage but not more than 75mm in diameter.		2L/ha	
Fumitory ( <i>Fumaria</i> spp.), Three-cornered Jack (Double gee, Spiny emex) ( <i>Emex australis</i> )	Plants up to the 3 leaf stage but not more than 50mm in diameter	Qld, NSW, ACT, Vic, Tas, SA only	1.4L/ha		
	Plants up to the 4 leaf stage but not more than 60mm in diameter	WA only	750mL/ha		
	Plants up to the 5 leaf stage but not more than	Qld, NSW, Vic, Tas, SA, NT, ACT only	2L/ha		

SITUATION & CROP	WEEDS CONTROLLED	WEED STAGE	STATE	RATE	CRITICAL COMMENTS	
	Variegated thistle ( <i>Silybum marianum</i> ), Wireweed (Hogweed) ^ ( <i>Polygonum aviculare</i> )	75mm in diameter	WA only	1.4L/ha	In the early stages following spraying, temporary wilting of crop and pasture may occur.  Crop scorch may occur, particularly on oats if treatment is delayed to later stages of growth. Refer to the General Instructions.  Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable.  ^ Where Wireweed (Hogweed) occurs in red soils of low fertility, it has been found to be less susceptible. In these circumstances use 2L/ha.	
		Plants up to the 6 leaf stage but not more than 85mm in diameter				
		Plants up to the 4 leaf stage but not more than 35 mm in diameter				
		Plants up to the 6 leaf stage but not more than 50 mm in diameter	Qld, NSW, Vic, Tas, SA, NT ACT only	1.4L/ha		
			WA only	2L/ha		
		Mountain sorrel ( <i>Oxalis acetosella</i> ), Three-horned bedstraw ( <i>Galium tricomutum</i> )	Plants up to the 6 leaf stage	WA only		1.4L/ha
			Plants up to the 8 leaf stage			750mL/ha
Cleavers ( <i>Galium aparine</i> )	2-4 stem stage and 1-3 whorls of leaves per stem		750mL/ha			
Wheat, Barley, Cereal rye, Oats, Triticale	Common sowthistle ( <i>Sonchus oleraceus</i> )	2-4 stem stage and 1-3 whorls of leaves per stem	WA only	750mL/ha	Apply under good growing conditions. Avoid spraying when soil is dry. DO NOT spray under frosty conditions. In early stages following spraying, temporary wilting of crop may occur. Avoid application when maximum daily temperatures above 20°C or are likely to occur for a few days after application. DO NOT apply to crops undersown with lucerne, clover or medics unless some damage is acceptable.	
		Up to 4 leaves	Northern NSW and Qld only	1.4L/ha		
		4 to 8 leaves		2.1L/ha		
	Volunteer canola ( <i>Brassica napus</i> ) including Roundup Ready® varieties and canola hybrids with the Optimum GLY® herbicide tolerance trait	Up to 4 leaves	All States	1.4L/ha	Crop stages: Wheat, Barley, Oats and Triticale: 3 leaf to full tillering (Z13-30). Use as early as possible to avoid shading of weeds by the crop. Strictly for use on small weeds early in crop before shading out. If Group B resistance is suspected, or weeds have grown through a previous application of chlorsulfuron apply 2.1L/ha. Use a minimum spray volume of 70L/ha.	
		Up to 6 leaves		2L/ha		
	Turf, established Couch (incl. Queensland Blue), Kikuyu, Paspalum, Buffalo, Fescue, Bent & Rye lawns	Bindy-eye, Jo-Jo (Onehunga), Cudweed, Dandelion, Catsear, Plantains, Thistles, Oxalis, Capeweed, Creeping buttercup, Fleabane, Clover (not Tas.)		All States	300mL/100L water OR 60mL/100m <sup>2</sup>	Apply evenly over the area to be treated. DO NOT mow turf for 2 days after treatment.

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