

Product Name: BroadForce MA Selective Herbicide  
 APVMA Approval No: 90749 / 129936



Label Name:	BroadForce MA Selective Herbicide
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Signal Headings:	<p>POISON</p> <p>KEEP OUT OF REACH OF CHILDREN</p> <p>READ SAFETY DIRECTIONS BEFORE OPENING OR USING</p>
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Constituent Statements:	<p>ACTIVE CONSTITUENTS: 200 g/L BROMOXYNIL present as the octanoate</p> <p>200 g/L MCPA present as the ethyl hexyl ester</p> <p>SOLVENT: 343 g/L HYDROCARBON LIQUID</p>
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Mode of Action:	<table border="1"> <tr> <td>GROUP</td> <td><b>C</b></td> <td><b>I</b></td> <td>HERBICIDE</td> </tr> </table>	GROUP	<b>C</b>	<b>I</b>	HERBICIDE
GROUP	<b>C</b>	<b>I</b>	HERBICIDE		

Statement of Claims:	<p>[Commercial:]        For the Control of Weeds in Wheat, Oats, Barley, Cereal Rye, Triticale, Linseed, Grass Pastures and Turf as per the Directions for Use</p> <p>[Home Garden:]        For the Control of Bindii &amp; Other Weeds in Buffalo &amp; Other Lawns as indicated in the How to Use table</p>
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Net Contents:	<p>[Commercial:]        5 – 1000 L</p> <p>[Home Garden:]        100 mL – 1 L</p>
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Restraints:	<p>[Commercial:]        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 in 4 hours.        DO NOT apply if frosts are imminent.        DO NOT apply to diseased or frost-affected crops or turf.</p> <p>[Home Garden:]        DO NOT apply during hot or windy conditions, or if rain is expected within 24 hours.</p>
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DO NOT apply if shade temperatures are expected to exceed 30°C within a 72 hour period.  
DO NOT apply when soil is dry and lawn is suffering from moisture stress.  
DO NOT mow or fertilise for 7 days before or after application.

Directions for Use: This section contains file attachment.

Other Limitations:

Withholding Periods: [Commercial:] DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION

Trade Advice:

General Instructions:

[Commercial:] GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary and Protection Statements, Storage and Disposal, Safety Directions and First Aid Instructions.

#### MIXING

To ensure even mixing, half fill spray tank with clean water and add the required amount of this product. Agitate thoroughly, and then add the remainder of the water. Agitate again before spraying commences.

#### APPLICATION

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 to 200 litres of water per hectare. A minimum of 160 litres and preferably 200 litres of water per hectare is recommended where the weed infestation is heavy or the crop cover is dense or when tank-mixing with diclofop-methyl herbicide. Complete coverage of weeds is essential.

Linseed: Apply a minimum of 220 litres of water per hectare.

Turf: Apply a minimum of 500 litres of water per hectare.

Aerial Application: Apply a minimum of 22 litres of water per hectare or 30 litres of water per hectare if tank mixing with diclofop-methyl herbicide. Markers should always move upwind before aircraft passes overhead. Application by Micronair equipment may give variable results.

#### EQUIPMENT MAINTENANCE

After use wash application equipment thoroughly with equipment cleaner and rinse with clean water several times.

#### COMPATIBILITY

This product is physically compatible in the spray tank with one of the following herbicides or insecticides in wheat and barley only: metsulfuron-methyl (600 g/L), diclofop-methyl (500 g/L), dicamba (500 g/L), MCPA, dimethoate, omethoate and chlorpyrifos.

When mixed with metsulfuron-methyl or dicamba, DO NOT apply to cereals undersown with lucerne. When mixed with diclofop-methyl, DO NOT exceed 1.4 litres of this product per hectare. Observe all instructions on the mixture partner label. As formulations of other

manufacturers' products are beyond the control of INDIGO SPECIALTY PRODUCTS PTY LTD, all mixtures should be tested prior to mixing commercial quantities.

[Home Garden:] HOW TO PREPARE

HOW TO APPLY: Measure lawn area before application. Apply evenly over the area to be treated while weeds are actively growing. Weeds will die slowly; effects may take up to 3 weeks to appear. Repeat applications after 3 to 4 weeks may be necessary to control advanced weeds or certain types of clover. Slight browning of grass may occur under hot conditions.

HOW TO PREPARE: Ensure correct dose rate is applied. Half fill the sprayer or watering can with water, add the required amount of product, agitate thoroughly then add the remainder of the water. DO NOT mix more than is needed. Wash equipment thoroughly after use.

Resistance Warning:

[Commercial:]

Resistant Weeds Warning

GROUP C I HERBICIDE

BroadForce MA Selective Herbicide is a member of both the nitrile and phenoxy groups of herbicides. BroadForce MA Selective Herbicide has both the inhibition of photosynthesis at Photosystem II and disruption of plant cell growth modes of action. For weeds resistance management BroadForce MA Selective Herbicide, is a Group C and Group I herbicide. Some naturally occurring weed biotypes resistant to BroadForce MA Selective Herbicide 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 Group C and Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Indigo Specialty Products Pty Ltd accepts no liability for any losses that may result from the failure of BroadForce MA Selective Herbicide to control resistant weeds.

Precautions:

[Home Garden:]

CAUTION

Dangerous to fish. DO NOT allow chemical containers or spray to get into drains, sewers, streams or ponds. DO NOT feed treated grass clippings to livestock. DO NOT allow spray to contact or drift onto plants you don't want killed. DO NOT allow pets and children to enter treated areas until spray has dried.

Protections:

[Commercial:]

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, Patterson's Curse and variegated thistle predominate 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.

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.

Storage and Disposal:	<p>[Commercial:]  Keep out of reach of children. 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 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. 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>For refillable containers (1000L only)  Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p> <p>[Home Garden:]  Store in the closed, original container in a cool, dry place out of the reach of children and pets. Do not store in direct sunlight. Dispose of empty containers by wrapping in paper, placing in a plastic bag and putting in the garbage bin.</p>
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Safety Directions:	<p>[Commercial:]  Product is poisonous if inhaled or swallowed. Attacks the eyes and will irritate the skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow length PVC gloves and face shield or goggles. 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 day's use, wash gloves, face shield or goggles and contaminated clothing.</p> <p>[Home Garden:]  Product is poisonous if absorbed by skin contact, inhaled or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. Repeated exposure may cause allergic disorders. When opening the container, preparing and using spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length PVC gloves and face shield or goggles. If product gets 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 day's use wash gloves, face shield or goggles and contaminated clothing separately.</p>
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First Aid Instructions:	If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting.
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First Aid Warnings:	
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**[Commercial:]  
DIRECTIONS FOR USE**

Crop & Situation	Weeds Controlled	Stage of Weed Growth	State	Rate /ha	Critical Comments
Wheat, Barley, Cereal Rye, Oats and Triticale, Linseed, Grass Pastures	Amsinckia ( <i>Amsinckia spp.</i> ), 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 6 leaf stage but not more than 50 mm in diameter	WA only	750 mL	<b>CROP STAGE:</b> <b>Wheat, Barley, Cereal Rye, Oats and Triticale:</b> 3 leaf to fully tillered stage (Zadoks Scale Z13-30) for rates of 750 mL to 1.4 L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0 L/ha (NSW, VIC, SA, WA, TAS, ACT only); or early tillering to fully tillered stage (Z21-30) (QLD only).  Linseed: 50 to 150 mm high. DO NOT apply to linseed by aircraft.  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. 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. * If spraying Black bindweed when wheat, barley, cereal rye, oats, triticale or linseed is more than 300 mm high, increase spray volume to 200 L/ha.
			Qld, NSW,	1.4 L	
		VIC, TAS, SA, NT & ACT only	2.0 L		
		WA only	1.4 L		
	Black Bindweed* (Climbing Buckwheat) ( <i>Polygonum convolvulus</i> ), Common Peppergrass ( <i>Lepidium africanum</i> ), Mustards ( <i>Sisymbrium spp.</i> ), Purple Calandrinia ( <i>Calandrinia menziesii</i> )	Plants up to the 4 leaf stage but not more than 35 mm in diameter	WA only	1.0 L	
			All States	1.4 L	

	50 mm in diameter				
	Plants up to the 8 leaf stage but not more than 75 mm in diameter			2.0 L	
Fumitory ( <i>Fumaria spp.</i> ), Three cornered Jack (Doublegee, Spiny Emex) ( <i>Emex australis</i> ).	Plants up to the 3 leaf stage but not more than 50 mm in diameter	QLD, NSW, VIC, SA, TAS, ACT only		1.4 L	<p><b><u>CROP STAGE:</u></b>  <b>Wheat, Barley, Cereal Rye, Oats and Triticale:</b>  3 leaf to fully tillered stage (Zadoks Scale Z13-30) for rates of 750 mL to 1.4 L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0 L/ha (NSW, VIC, SA, WA, TAS, ACT only); or early tillering to fully tillered stage(Z21-30) (QLD only).  Linseed: 50 to 150 mm high. DO NOT apply to linseed by aircraft.  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.  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 2.0 L/ha.</p>
	Plants up to the 4 leaf stage but not more than 60 mm in diameter	WA only		750 mL	
	Plants up to the 5 leaf stage but not more than 75 mm in diameter	QLD, NSW, VIC, SA, TAS, NT, ACT only		2.0 L	
	Plants up to the 6 leaf stage but not more than 85 mm in diameter	WA only		1.4 L	
Variegated Thistle ( <i>Silybum marianum</i> ), Wireweed (Hogweed)** ( <i>Polygonum aviculare</i> ),	Plants up to the 4 leaf stage but not more than 35 mm in diameter	QLD, NSW, VIC, TAS, SA, NT, ACT only		1.4 L	
	Plants up to the 6 leaf stage but not more than 50 mm in diameter			2.0 L	
		WA only		1.4 L	
Mountain Sorrel ( <i>Oxalis acetosella</i> ), Three-horned Bedstraw ( <i>Gallium tricomutum</i> ),	Plants up to the 6 leaf stage			750 mL	
	Plants up to the 8 leaf stage			1.4 L	
Cleavers ( <i>Gallium aparine</i> )	2-4 stem stage and 1-3 whorls of leaves per stem			750 mL	

Wheat, Barley, Cereal Rye, Oats and Triticale	Common sowthistle ( <i>Sonchus oleraceus</i> )  Note: 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 the crop may occur. 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.	Up to 4 leaves	North'n NSW and Qld only	1.4 L	<b>Crop Stages:</b> Wheat, Barley, Oats, Triticale: 3 leaf to fully tillered stage (Zadoks Scale 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 2.1 L/ha. Use a minimum spray volume of 70 L/ha.
		4 to 8 leaves		2.1 L	
Turf Established Couch (incl. Queensland Blue), Kikuyu, Paspalum, Buffalo, Fescue, Bent, and Ryegrass lawns	Bindi-eye, Jo-Jo (Onehunga), Cudweed, Dandelion, Catsear, Plantains, Thistles, Oxalis, Capeweed, Creeping Buttercup, Fleabane, Clover (not Tas.)	-	All states	6 L (60 mL /100 m <sup>2</sup> )  or  300 mL /100 L water	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**

[Home Garden:]

**HOW TO USE**

<b>Situation</b>	<b>Weeds Controlled</b>	<b>Mixing Rate</b>
Established lawns with species as listed; Buffalo, Couch, Qld Blue Couch, Kikuyu, Bent, Fescue, Paspalum, Ryegrass	Bindii, Jo-Jo (Onehunga), Cudweed, Dandelion, Catsear, Plantains, Thistles, Creeping Oxalis, Capeweed, Creeping Buttercup, Fleabane, Clover	Apply evenly over the area to be treated. <b>Sprayer:</b> 30mL per 5-10L of water per 50m <sup>2</sup>  <b>Watering Can &amp; Sprinkler Bar:</b> 30mL per 10-20L of water per 50m <sup>2</sup>

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