

POISON

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



Bronco MA

Selective Herbicide

ACTIVE CONSTITUENTS: 200 g/L BROMOXYNIL present as the N-OCTANOYL ESTER
200 g/L MCPA present as the ISO-OCTYL ESTER
SOLVENT: 340 g/L LIQUID HYDROCARBON

For control of broadleaf weeds in cereals, linseed, grass pastures and turf
as specified in the Directions for Use table.

DIRECTIONS FOR USE

RESTRAINTS: DO NOT apply if crops, pastures or weeds are stressed due to dry or excessively moist conditions.
DO NOT apply to diseased or frost-affected crops or if frosts are imminent.
DO NOT apply if rain is expected within three hours.

SITUATION & CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/HA	CRITICAL COMMENTS
Wheat, Barley, Cereal Rye, Oats and Triticale;	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 indicus</i>), Horned Poppy (<i>Glaucium flavum</i>), Indian Hedge Mustard (<i>Sisymbrium orientale</i>), Lesser Swinecress (<i>Coronopus didymus</i>), Mexican Poppy (<i>Argemone mexicana</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 Thistle (<i>Cordus 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 50 mm in diameter	WA only	750 mL	CROP STAGE: Wheat, Barley, Cereal Rye, Oats and Triticale: 3 leaf to fully tillered stage (Zadok Scale Z13-30) for rates of 750 mL to 1.4 litres per hectare; 5 leaf to fully tillered stage (Z15-30) for rates of 2 litres per hectare (NSW, Vic, SA, WA, Tas only); or early tillering to fully tillered stage (Z21-30) (Qld only). Linseed: 5 to 15 cm high. DO NOT apply to linseed by aircraft. # If spraying Black Bindweed when wheat, barley, cereal rye, oats, triticale or linseed is more than 30 cm high, increase spray volume to 200 litres per hectare. 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. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable. Avoid application during temperatures above 20° C.
Linseed;		Plants up to the 8 leaf stage but not more than 75 mm in diameter	Qld, NSW, Vic, Tas, SA, NT, ACT only	1.4 L	
Grass Pastures		WA only	2.0 L	1.4 L	



SITUATION & CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/HA	CRITICAL COMMENTS
Wheat, Barley, Cereal Rye, Oats and Triticale; Linseed; Grass Pastures (continued)	Black Bindweed (<i>Polygonum convolvulus</i>), (Climbing Buckwheat), Common Peppergrass (<i>Lepidium hyssopifolium</i>), Mustards (<i>Sisymbrium</i> spp.), Purple Calandrinia (<i>Calandrinia menziesii</i>)	Plants up to the 4 leaf stage but not more than 3.5 cm in diameter	WA only	1 L	CROP STAGE: Wheat, Barley, Cereal Rye, Oats and Triticale: 3 leaf to fully tillered stage (Zadok Scale Z13-30) for rates of 750 mL to 1.4 litres per hectare; 5 leaf to fully tillered stage (Z15-30) for rates of 2 litres per hectare (NSW, Vic, SA, WA, Tas only); or early tillering to fully tillered stage (Z21-30) (Qld only). Linseed: 5 to 15 cm high. DO NOT apply to linseed by aircraft. # If spraying Black Bindweed when wheat, barley, cereal rye, oats, triticale or linseed is more than 30 cm high, increase spray volume to 200 litres per hectare. 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. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable. Avoid application during temperatures above 20° C.
		Plants up to the 6 leaf stage but not more than 5 cm in diameter	All States	1.4 L	
		Plants up to the 8 leaf stage but not more than 7.5 cm in diameter		2.0 L	
	Fumitory (<i>Fumaria</i> spp.), Threecornered Jack (Doublegee, Spiney Emex) (<i>Emex Australis</i>)	Plants up to the 3 leaf stage but not more than 5cm in diameter	Qld, NSW, Vic, SA, Tas only	1.4 L	
		Plants up to the 4 leaf stage but not more than 6 cm in diameter	WA only	750 mL	
		Plants up to the 5 leaf stage but not more than 7.5 cm in diameter	Qld, NSW, Vic, Tas, SA, NT, ACT only	2.0 L	
		Plants up to the 6 leaf stage but not more than 8.5 m 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 3.5 cm in diameter	Qld, NSW, Vic, Tas, SA, NT, ACT only	750 mL	
				1.4 L	
		Plants up to the 6 leaf stage but not more than 5 cm in diameter	WA only	1.4 L	
	Mountain Sorrel (<i>Oxalis acetosella</i>) Three-horned Bedstraw (<i>Galium tricornutum</i>)	Plants up to the 6 leaf stage		750 mL	
		Plants up to the 8 leaf stage		1.4 L	
	Cleavers (<i>Galium aparine</i>)	2-4 stem stage and 1-3 whorls of leaves per stem		750 mL	



SITUATION & CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/HA	CRITICAL COMMENTS
Turf: Established Couch (Including Queensland Blue), Kikuyu, Paspalum, Buffalo, Fescue, Bent and Rye lawns	Bindy-eye (<i>Calotis hispidula</i>), Capeweed (<i>Arctotheca calendula</i>), Catsear (<i>Hypochoeris radicata</i>), Common Plantain (<i>Plantago</i> spp.), Creeping Buttercup (<i>Ranunculus repens</i>), Cudweed (<i>Gnaphalium</i> spp.), Dandelion (<i>Taraxacum officinale</i>), Fleabane (<i>Conyza</i> spp.), Jo-Jo (Onehunga) (<i>Soliva pterosperma</i>)	—	All States	Boom Sprayer 6 L in 500 L of water/ha Knapsack Sprayer 60 mL/ 100m ² in 15 L of water	A slight browning of grasses, especially Paspalum, may occur under hot conditions. DO NOT mow turf for 2 days after treatment.
	Clover (<i>Trifolium</i> spp.), Oxalis (<i>Oxalis</i> spp.)		Qld, NSW, Vic, SA, WA only	Power Sprayer 300 mL/ 500m ² in 100 L of water	

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

WITHHOLDING PERIOD

CEREALS, PASTURES: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

BRONCO MA Selective Herbicide contains members of the Nitrite and Phenoxy groups of herbicides. BRONCO MA Selective Herbicide has the photosystem II inhibitor and plant cell growth disruptor mode of action. For weed resistance management BRONCO MA contains Group C and I herbicides.



Some naturally-occurring weed biotypes resistant to one or more of the modes of action of BRONCO MA and/or other photosystem II inhibitor or plant cell growth disruptor 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 may not be controlled by BRONCO MA Selective Herbicide or other herbicides to whose mode of action they are resistant.

Since the occurrence of resistant weeds is difficult to detect prior to use, FARMOZ Pty. Ltd. accepts no liability for any losses that may result from the failure of BRONCO MA to control resistant weeds. However resistance should not be assumed without first viewing the method of application, the coverage and the timing of application.

MIXING

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

APPLICATION

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. Wash the spray equipment thoroughly after use.

CEREALS: Apply 50-200 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. 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. Markers should always move upwind before aircraft passes overhead. Application by microneaire equipment may give variable results.

COMPATIBILITY

This product is physically compatible in the spray tank with one of the following herbicides and insecticides in wheat and barley only: Metsulfuron Methyl, Chlorpyrifos, Dicamba, Dimethoate, Endosulfan, Aralkoxydim, Diclofop-Methyl, MCPA and Omethoate. 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 per hectare. As formulations of other manufacturers' products are beyond the control of FARMOZ Pty. Ltd., all mixtures should be tested prior to mixing commercial quantities.

PACK SIZES: 200 L, 20 L, 5 L

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply by misting machines.

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.

PROTECTION WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. 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, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product is poisonous if inhaled or swallowed. Attacks the eyes. 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, 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.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131126.

MSDS

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for BRONCO MA is available from FARMOZ on request. Call Customer Service on (02) 9363 3611.

CONDITIONS OF SALE: The use of FARMOZ BRONCO MA being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever from the use of this product.

