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

**Apparent** 

**Bromoxynil + MCPA**

**SELECTIVE HERBICIDE**

ACTIVE CONSTITUENTS: 200g/L BROMOXYNIL present as the  
n-octanoyl ester  
200g/L MCPA present as the  
ethyl hexyl ester

SOLVENT: 343g/L HYDROCARBON LIQUID

**GROUP C | I HERBICIDE**

For the control of weeds in wheat, oats, barley, cereal rye, triticale, linseed,  
grass pastures and turf, as specified in the Directions for Use Table  
**IMPORTANT: Read this booklet before use.**

APVMA Approval No: 68401/127967

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## DIRECTIONS FOR USE

### RESTRAINTS

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.

SITUATION & CROP	WEEDS CONTROLLED	WEED STAGE
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>Mellilotus 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 bursapastoris</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 toumefortii</i> )	Plants up to the 6 leaf stage but not more than 50mm in diameter  Plants up to the 8 leaf stage but not more than 75mm in diameter
	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  Plants up to the 6 leaf stage but not more than 50mm in diameter  Plants up to the 8 leaf stage but not more than 75mm in diameter

STATE	RATE	CRITICAL COMMENTS
WA only	750mL/ha	<b>CROP STAGE:</b> <b>Wheat, Barley, Cereal Rye, Oats and Triticale:</b> 3 leaf to fully tillered stage (Zadok Scale Z13-30) for rates of 750mL to 1.4L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0L/ha (NSW, ACT, VIC, SA, WA, TAS only); or early tillering to fully tillered stage (Z21-30) (QLD only). <b>Linseed:</b> 50 to 150mm high. DO NOT apply to linseed by aircraft. * If spraying Black Bindweed when Wheat, Barley, Cereal Rye, Oats, Triticale or Linseed is more than 300mm high, increased spray volume to 200L/ha. 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.
QLD, NSW, ACT, VIC, TAS, SA, NT only	1.4L/ha	
	2L/ha	
WA only	1.4L/ha	
WA only	1L/ha	
All States	1.4L/ha	
	2L/ha	

SITUATION & CROP (cont)	WEEDS CONTROLLED	WEED STAGE
Wheat, Barley, Cereal Rye, Oats and Triticale; Linseed; Grass Pastures	Fumitory ( <i>Fumaria</i> spp.), Threecornered Jack (Doublegee, Spiny Emex), ( <i>Emex australis</i> )	Plants up to the 3 leaf stage but not more than 50mm in diameter
		Plants up to the 4 leaf stage but not more than 60mm in diameter
		Plants up to the 5 leaf stage but not more than 75mm in diameter
		Plants up to the 6 leaf stage but not more than 85mm in diameter
	Variegated Thistle ( <i>Silybum marianum</i> ), Wireweed (Hogweed)** ( <i>Polygonum aviculare</i> )	Plants up to the 4 leaf stage but not more than 35mm in diameter
		Plants up to the 6 leaf stage but not more than 50mm in diameter
	Mountain Sorrel ( <i>Oxalis acetosella</i> ), Three-horned Bedstraw ( <i>Galium tricomutum</i> ) Cleavers ( <i>Galium aparine</i> )	Plants up to the 6 leaf stage
		Plants up to the 8 leaf stage
		2 - 4 stem stage and 1 - 3 whorls of leaves per stem
	Wheat, Barley, Cereal Rye, Oats, Triticale	Common Sowthistle ( <i>Sonchus oleraceus</i> )
Up to 4 leaves		
4 to 8 leaves		
SITUATION & CROP	WEEDS CONTROLLED	WEED STAGE
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)	-

STATE	RATE	CRITICAL COMMENTS
Qld, NSW, ACT, Vic, Tas, SA only	1.4L/ha	<p><b>CROP STAGE:</b>  <b>Wheat, Barley, Cereal Rye, Oats and Triticale:</b> 3 leaf to fully tillered stage (Zadok Scale Z13-30) for rates of 750mL to 1.4L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0L/ha (NSW, ACT, VIC, SA, WA, TAS only); or early tillering to fully tillered stage (Z21-30) (QLD only).  <b>Linseed:</b> 50 to 150mm high. DO NOT apply to linseed by aircraft.</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> <p>Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application.</p> <p>DO NOT apply to crops or pastures undersown with Lucerne, Clover or Medics unless some damage is acceptable.</p> <p>** Where Wireweed (Hogweed) occurs in red soils of low fertility, it has been found to be less susceptible.</p> <p>In these circumstances use 2.0L/ha.</p>
WA only	750mL/ha	
QLD, NSW, ACT, VIC, TAS, SA, NT only	2L/ha	
WA only	1.4L/ha	
	750mL/ha	
Qld, NSW, Vic, Tas, SA, NT, ACT only	1.4L/ha	
	2L/ha	
WA only	1.4L/ha	
	750mL/ha	
	1.4L/ha	
WA only	750mL/ha	
	750mL/ha	
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 the 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.
QLD and Northern NSW only	1.4L/ha	<p><b>CROP STAGES:</b>  <b>Wheat, Barley, Oats, Triticale:</b> 3 leaf to full tillering (Z13-Z30). 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.</p>
	2.1L	<p><b>CROP STAGES:</b>  <b>Wheat, Barley, Oats and Triticale:</b> 3 leaf to full tillering (Z13-Z30). Use as early as possible to avoid shading of weeds by the crop.</p>
STATE	RATE	CRITICAL COMMENTS
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.**

## **WITHHOLDING PERIOD**

**DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION**

## **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 the 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.

## **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 50-200L of water per hectare. Use higher water volume (min. 100L/ha) where the weed infestation is heavy, the crop cover is dense or when tank-mixing with Nugrass\*. 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 or 30L of water per hectare if tank-mixing with Nugrass. Markers should always move upwind before aircraft passes overhead. Application by microneaire equipment may give variable results.

## **EQUIPMENT MAINTENANCE**

After use, wash application equipment thoroughly with Spraymatte Tank & Equipment Cleaner and rinse 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: Diclofop-methyl, metsulfuron-methyl, dicamba 500, MCPA, dimethoate, omethoate, endosulfan or chlorpyrifos. When mixed with metsulfuron-methyl or dicamba 500, 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 AIRR Apparent Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

## **RESISTANT WEEDS WARNING**

**GROUP C I HERBICIDE**

Apparent Bromoxynil + MCPA Selective Herbicide is a member of both the nitrites and the phenoxy groups of herbicides. Apparent Bromoxynil + MCPA Selective Herbicide has both the inhibitors of photosynthesis at photosystem II and disruptors of plant cell growth mode of action. For weed resistance management Apparent Bromoxynil + MCPA Selective Herbicide is a Group C and a Group I Herbicide. Some naturally-occurring weed biotypes resistant to Apparent Bromoxynil + MCPA 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 other Group C and Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, AIRR Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Bromoxynil + MCPA Selective Herbicide to control resistant weeds.

## **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 watercourses 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.

## **STORAGE AND DISPOSAL**

Store in the 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 for appropriate disposal 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.

**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 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.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.

## **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet which is available from the supplier.

## **CONDITIONS OF SALE**

The use of Apparent Bromoxynil + MCPA Selective Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by AIRR Apparent 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 AIRR Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

**\*Other trademark.**

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