

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

Buctril[®] MA

SELECTIVE HERBICIDE

Active Constituents: 200 g/L BROMOXYNIL present as the octanoate
 200 g/L MCPA present as the ethyl hexyl ester
Solvent: 340 g/L LIQUID HYDROCARBON

GROUP C I HERBICIDE

For the control of broadleaf weeds in cereals, linseed and grass pastures

GENERAL INSTRUCTIONS

Resistant Weeds Warning

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

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.

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.

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 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. Complete coverage of weeds is essential.

Linseed

Apply a minimum of 220 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: Ally[®], chlorpyrifos, dicamba, dimethoate, endosulfan, Hoegrass[®], MCPA and omethoate. When mixed with Ally or dicamba, do not apply to cereals undersown with lucerne. When mixed with Hoegrass, 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 Bayer CropScience, all mixtures should be tested prior to mixing commercial quantities.

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.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray to drift onto nearby plants, adjacent crops, crop 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.

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

Store in the closed, original container in a dry, cool, well-ventilated area out of 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.

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 (telephone 13 11 26). If swallowed, do NOT induce vomiting. Give glass of water.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from www.bayercropscience.com.au.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

Buctril® and Hoegrass® are Registered Trademarks of Bayer.

NRA Approval No.: 31466/0403

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| FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111 |
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DIRECTIONS FOR USE**Restrains**

DO NOT apply if crop, pasture 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.

| CROP/SITUATION | WEEDS CONTROLLED | STAGE OF WEED GROWTH | STATE | RATE | CRITICAL COMMENTS |
|--|--|---|--------------------------------------|-----------|---|
| Wheat, Barley, Cereal Rye, Oats and Triticale Linseed Grass Pastures | Amsinckia (<i>Amsinckia</i> spp.) | Plants up to the 6 leaf stage but not more than 50 mm in diameter | WA only | 750 mL/ha | <p>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 L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0 L/ha (NSW, Vic, SA, WA, Tas only); or early tillering to fully tillered stage (Z21-30) (Qld only).</p> <p>Linseed: 50 to 150 mm 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 300 mm high, increase spray volume to 200 L/ha.</p> <p>For optimal control, apply only when the weeds are actively growing.</p> <p>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> |
| | Capeweed (<i>Arctotheca calendula</i>) | | Qld, NSW, Vic, Tas, SA, NT, ACT only | 1.4 L/ha | |
| | Chamomile (<i>Matricaria matricarioides</i>) | | | | |
| | Charlock (<i>Sinapis arvensis</i>) | Plants up to the 8 leaf stage but not more than 75 mm in diameter | WA only | 1.4 L/ha | |
| | 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 (<i>Sisymbrium orientale</i>) | | | | |
| | Mustard (<i>Coronopus didymus</i>) | | | | |
| | Lesser Swinecress | | | | |
| Mexican Poppy (<i>Argemone ochroleuca</i>) | | | | | |
| Mintweed (<i>Salvia reflexa</i>) | | | | | |
| Paterson's Curse (<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>) | | | | | |
| Black Bindweed* (Climbing Buckwheat) (<i>Fallopia convolvulus</i>) | Plants up to the 4 leaf stage but not more than 35 mm in diameter | All States | 1.0 L/ha | | |
| Common Peppergrass (<i>Lepidium africanum</i>) | | | | | |
| Mustards (<i>Sisymbrium</i> spp.) | Plants up to the 6 leaf stage but not more than 50 mm in diameter | All States | 1.4 L/ha | | |
| Purple Calandrinia (<i>Calandrinia menziesii</i>) | | | | | |
| | Plants up to the 8 leaf stage but not more than 75 mm in diameter | | 2.0 L/ha | | |

| CROP/SITUATION | WEEDS CONTROLLED | STAGE OF WEED GROWTH | STATE | RATE | CRITICAL COMMENTS |
|--|--|--|--------------------------------------|-----------|--|
| 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 | Qld, NSW, Vic, SA, Tas only | 1.4 L/ha | 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 L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0 L/ha (NSW, Vic, SA, WA, Tas 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 occurs in red soils of low fertility, it has been found to be less susceptible. In these circumstances use 2.0L/ha. |
| | | Plants up to the 4 leaf stage but not more than 60mm in diameter | WA only | 750 mL/ha | |
| | | Plants up to the 5 leaf stage but not more than 75mm in diameter | Qld, NSW, Vic, Tas, SA, NT, ACT only | 2.0 L/ha | |
| | | Plants up to the 6 leaf stage but not more than 85mm in diameter | WA only | 1.4 L/ha | |
| | 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 | Qld, NSW, Vic, Tas, SA, NT, ACT only | 750 mL/ha | |
| | | | | 1.4 L/ha | |
| | | | | 2.0 L/ha | |
| | | | | 1.4 L/ha | |
| | 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/ha | |
| Cleavers (<i>Galium aparine</i>) | 2-4 stem stage and 1-3 whorls of leaves per stem | | 750 mL/ha | | |

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

WITHHOLDING PERIOD

Harvest

Cereals, linseed: NOT REQUIRED WHEN USED AS DIRECTED

Grazing

Cereals, pasture: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.