

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



**BARMAC
TWIN
SELECTIVE HERBICIDE**



ACTIVE CONSITUENT: 340g/L MCPA present as the DIMETHYLAMINE SALT
80g/L DICAMBA present as the DIMETHYLAMINE SALT

GROUP I HERBICIDE

For the control of certain broadleaf weeds in winter cereals, pastures, turf and non-crop areas
as specified in the Directions of Use table.
IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE



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APVMA Approval No 67537/56323
Batch Number
Date of manufacture
BARCODE

Contents 1L, 5-10L & 20-1000L

STORAGE AND DISPOSAL

Store in the closed original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight.

For Non-Refillable Containers: 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 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 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 the relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

For Refillable Containers: Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Barmac Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Harmful if absorbed by skin contact, inhaled or swallowed. Will irritate the eyes and skin. DO NOT inhale vapour. Repeated exposure may cause allergic disorders. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat and elbow-length PVC gloves. If product in eyes, wash out immediately with water. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained by the supplier.

NOTICE: Product is designed only for the particular purposes indicated on the label. Failure to use the product strictly as directed may be illegal, prove dangerous and render the product ineffective.

APVMA Approval Number: 67537/56323

DIRECTIONS FOR USE

- Restrains:** DO NOT spray when rain seems likely to occur within 4 hours.
 DO NOT spray when weeds are wet with dew or rain or under stress from drought, low soil fertility, extremely cold or water logging.
 DO NOT spray outside crop growth stages recommended as crop damage may result.
 DO NOT apply to crops or grass pastures undersown with clover, lucerne or medics.
 DO NOT apply to legume pastures.
 DO NOT apply to plants suffering from stress.

| CROP & SITUATION | WEEDS CONTROLLED | STATE | RATE | CRITICAL COMMENTS |
|--|---|---|----------|--|
| Barley, commercial Rye, Oats, Triticale, Wheat From early tillering stage (Zadoks 21) | Capeweed, Charlock, Common Ice-Plant, seedling Docks, Doublegee, Threecornered Jack, Spiny Emex) Hexham Scent (Melilotus), Mustards, Soldier Thistle, Sorrel seedlings, Tares, Tree Hogweed, Turnip Weed (<i>Rapistrum rugosum</i>), Vetches, Ward's Weed, Wild Radish, Wild Turnip (<i>Brassica tournefortii</i>), Wireweed. | All States | 1 L/ha | Spray when most weeds are in the 2 to 4 leaf stage. In some instances suppression only of Wireweed (Hogweed), Capeweed and Wild Radish will occur. |
| | Seedling Cotton Thistle, Fat-Hen | Tas only | | |
| Barley, Commercial Rye, Oats, Triticale, Wheat From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30) | Cotton Thistle to bud formation | Tas only | 1.7 L/ha | Spray when most weeds are still in the rosette or seedling stage. Notice: Wild Radish may need to be resprayed (with 2, 4-D or MCPA) if future germinations occur after spraying. In some instances, suppression only of Wireweed (Hogweed), Hoary Cress and Climbing Buckwheat will be obtained. |
| | Mintweed, New Zealand Spinach | QLD, NSW, ACT only | | |
| | Capeweed, Charlock, Chickweed, Climbing Buckwheat (Black Bindweed), Clover, Common Ice-Plant, seedling Docks, Doublegee (Three cornered Jack, Spiny Emex), Fat-Hen, Hexham Scent (Melilotus), seedling Hoary Cress, Mouse-eared Chickweed, Mustards, Narrow-leaved Plantain, Salfron Thistle, Spurry, Swinecress, Tares, Tree Hogweed, Turnip Weed (<i>Rapistrum rugosum</i>), Variegated Thistle, Vetch, Wild Radish, Wild Turnip (<i>Brassica tournefortii</i>), Wireweed (Hogweed) | Qld, NSW, ACT, Vic, Tas, WA only SA only | 1.4 L/ha | |

Barmac Twin Selective Herbicide

Label

1L, 5-10L & 20-1000L

| | | | | |
|--|-----------------------|----------------|--|--|
| <p>Barley, Commercial Rye, Triticale</p> <p>From early tillering stage (Zadoks 21) until the fully tillered stage before jointing occurs (Zadoks 30)</p> | <p>Volunteer Peas</p> | <p>SA only</p> | <p>1 L/ha plus 150 mL/ha Dicamba 200</p> | <p>Apply when most peas are 5-7 cm high.</p> |
| <p>Oats, Wheat</p> <p>From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30)</p> | | | <p>1 L/ha plus 300 mL/ha Dicamba 200</p> | |

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Label

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| CROP & SITUATION | WEEDS CONTROLLED | STATE | RATE | | | CRITICAL |
|---------------------|---|---------------------------------|---|----------------|-------------------|---|
| | | | PER HECTARE | PER 100 LITRES | PER 15 L KNAPSACK | |
| Grass Pastures | Bathurst Burr, Catrop (Yellow Vine), Chickory, Crofton Weed, Cudweed, Dandelion, Deadnettle, Fleabanes, Fumitory, Groundsel, Heliotrope, Inkweed, Mintweed, Nettles, Noogoora Burr, Pennycress, Potatoweed, Ragwort, Ripplewort, Shepherd's Purse, Smartweed, Soft Rush, Stinkwort, Thistles including Cockspur, Scotch (Spear), Slender, Star, Variegated, Wireweed (Hogweed) | All States | 2.8-4 L | 190-270 mL | 60 mL | Use higher rates on larger weeds. |
| | Cotton Thistle | Tas only | | | | |
| | Buttercups, Hoary Cress seedlings, Horehound, Khaki Weed, Purple-Top, Veined Verbena | All States | 4-7 L | 470 mL | 100 mL | |
| Turf | Bindy-Eye, Capeweed, Catsear, Chickweed, Clovers, Cotula, Creeping Oxalis, Cudweeds, Dandelion, Dock, Fleabanes, Fumitory, Jo-Jo (Onchunga), Lamb's Tongue, Medics, Mustards, Narrow-leaved Plantain, Pearlwort, Pennywort, Peppergrass, Radish, Scarlet Pimpernel, Slender Thistle, Soldier Thistle, Spear Thistle, Toad Rush, Variegated Thistle, Wild Turnip, Wireweed (Hogweed) | All States | Golf Tee, Golf Green: 100mL in 15L water per 150m ² Bowling Green: 900mL in 200 L water per 1400m ² Large Turf Area: (Field, Park, Golf Fairway) 6.5L in 250-400 L water per 10,000m ² (1 hectare) | | | Apply to actively growing weeds and moist soil. DO NOT use on Lippia, Strawberry Clover or Buffalo Grass. DO NOT mow turf for two days before or after application or fertilise within two weeks of spraying. |
| | Fat-Hen, Purple-Top, Red Flowered Mallow, Staggerweed, Swinecress | Qld, NSW, ACT, Tas, SA, WA only | | | | |
| Non-Crop Situations | Artichoke Bindweed, Fennel, Hemlock, Thistle seedlings | All States | 5.2L | 350mL | 80mL | A repeat spray may be necessary. |

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

WITHHOLDING PERIODS: DO NOT GRAZE OR CUT FOR STOCK FOOD 7 DAYS AFTER APPLICATION.

HARVEST WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

| | | |
|--------------|----------|------------------|
| GROUP | I | HERBICIDE |
|--------------|----------|------------------|

RESISTANT WEEDS WARNING

Barmac Twin Selective Herbicide contains members of the Benzoic acid and Phenoxy groups of herbicides. Barmac Twin Selective Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management Barmac Twin Selective Herbicide is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Barmac Twin Selective Herbicide and other disruptors of plant cell growth 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 Barmac Twin Selective Herbicide or any other Group I Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use. Barmac Pty Ltd accepts no liability for any loss that may result from the failure of Barmac Twin Selective Herbicide to control resistant weeds.

MIXING

Add the required amount of Barmac Twin Selective Herbicide directly to the tank and mix well.

APPLICATION

For Boom Application: Apply by a properly calibrated boom spray using not less than 50 litres of water per hectare unless indicated otherwise in the Critical Comments column.

For Aerial Application: Apply at least 25 litres total spray volume per hectare. The aircraft should fly as low as practical under the prevailing conditions to minimise drift.

For High Volume Application: Apply minimum 1500 litres per hectare.

For Knapsack Application: A 15 litre knapsack treats 150 square metres.

Note: Spray when weeds are young and actively growing. A temporary wilting may be evident in crops after application. If seasonal conditions are unusually late or dry seek further advice as damage may result from spraying under these conditions. Growers should seek advice before spraying recently released cereal varieties. There is a nil tolerance of pea seed contaminates in cereal grain and less than 100% control of Volunteer Peas could result in dockage.

COMPATIBILITY

Barmac Twin Selective Herbicide is compatible with Terbutryn.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Spray equipment must be calibrated accurately prior to working on crops. Minimise spray drift by using low pressure and nozzles which DO NOT give fine droplet size.

DO NOT use in high wind.

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 this product on or near desirable trees or plants or in locations where the chemical may be washed or moved into contact with their roots. Keep container sealed (airtight) when not in use. All spray equipment must be thoroughly washed out after use and must not be used for spraying horticulture crops.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in closed, original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged period in direct sunlight. The method of disposal of container depends on the container type.

Read the storage and disposal instructions on the label that is attached to the container

SAFETY DIRECTIONS

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