

CAUTION

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

Gulf Ag

Kontroller Selective Herbicide

Active Constituents: 340 g/L MCPA (present as the dimethylamine salt)
80 g/L DICAMBA (present as the dimethylamine salt)

For the control of certain broadleaf weeds in winter cereals, pastures, turf and non-crop areas.

GROUP	I	HERBICIDE
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APVMA Approval No: 56680/0604

Pack Sizes: 500mL, 1L, 5L, 20L

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP HERBICIDE

KONTROLLER Selective Herbicide is a member of the Benzoic acid and Phenoxy groups of herbicides. KONTROLLER has the Disruptors of plant cell growth mode of action. For weed resistance management KONTROLLER is a Group I Herbicide.

Some naturally occurring weed biotypes resistant to KONTROLLER 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 KONTROLLER or other Group I Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Gulf Ag Pty Ltd accepts no liability for any losses that may result from the failure of KONTROLLER to control resistant weeds.

MIXING

Add the required amount of KONTROLLER 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 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 nil tolerance of pea seed contaminates in cereal grain and less than 100% control of Volunteer Peas could result in dockage.

COMPATABILITY

Kontroller is compatible with Flowable terbutryn.

PROTECTION OF CROPS, NATIVE AND OTHER NONTARGET PLANTS

Spray equipment must be calibrated accurately prior to working in crops. Minimise spray drift by using low pressure and nozzles, which DO NOT give a fine droplet size. DO NOT use in high wind. 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 horticultural crops. DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, vines, lupins, fruit trees and ornamentals.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT use container for any other purpose. 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 away from children, animals, food, feedstuffs, seed and fertilizers. 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 the empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm 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

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 container and preparing 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 each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor, or Poisons Information Centre (Phone 13 11 26).

MATERIAL SAFETY DATA SHEET

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

CONDITIONS OF SALE

The use of Gullf Ag Kontroller Selective Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Gullf Ag 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 Gullf Ag Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

In an Emergency Dial 000 Police or Fire Brigade

DIRECTIONS FOR USE:

Restrains:

DO NOT spray when rain seems likely to occur with 4 hours.

DO NOT spray when weeds are wet with dew or rain or under stress from drought, low soil fertility, extreme cold or water logging.

DO NOT spray outside recommended crop growth as crop damage may result.

DO NOT apply to crops or pastures with clover, lucerne or medics.

DO NOT apply to legume pastures.

DO NOT apply to plants suffering from stress.

Crop & Situation	Weeds	State	Rate/ha	Critical Comments
Barley, Commercial Rye, Oats, Triticale, Wheat From early tillering stage (Zadoks 21) until the fully tillered stage and before jointing occurs (Zadoks 30)	Capeweed, Charlock, Common Ice-Plant, seedling Docks, Doublegee (Threecornered Jack, Spiny Emex) Hexham Scent (Melilotus), Mustards, Solider 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 (Hogweed)	All States	1L/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		
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	1L/ha	Spray when most weeds are still in the rosette or seedling stage. N.B. 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		
	Capeweed, Charlock, Chickweed, Climbing Buckwheat (Black Bindweed), Clover, Common Ice-Plant, Seedling Docks, Doublegee (Threecornered Jack, Spiny Emex), Fat-Hen, Hexham Scent (Melilotus), Seedling Hoary Cress, Mouse-eared Chickweed, Mustards, Narrow-leaved Plantain, Saffron 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, Tas, WA, Vic	1.4L/ha	
Barley, Commercial Rye, Triticale From early tillering stage (Zadoks 21) until the fully tillered stage before jointing occurs (Zadoks 30)	Volunteer Peas	SA	1L/ha plus 150mL/ha Kontroller 200	Apply when most peas are 5-7cm high.
Oats, Wheat From early tillering stage (Zadoks 21) until the fully tillered stage before jointing occurs (Zadoks 30)			1L/ha plus 300mL/ha Kontroller 200	

DIRECTIONS FOR USE: (CONTINUED):

Situation	Weeds Controlled	State	Rate			Critical Comments
			Per ha	High Vol per 100L	Per 15L Knapsack	
Grass Pastures	Bathurst Burr, Caltrop (Yellow Vine), Chicory, Crofton Weed, Cudweed, Dandelion, Deadnettle, Fleabanes, Fumitory, Goundsel, Heliotrope, Inkweed, Mintweed, Nettles, Noogoora Burr, Pennycress, Potato Weed, Ragwort, Ripplewort, Shepherd's Purse, Smartweed, Soft Rush, Stinkwort, Thistles including Cockspur, Scotch (Spear), Slender, Star, Variegated, Wireweed (Hogweed)	All States	2.8-4L	190mL – 270mL	60mL	Use the higher rate on larger weeds.
	Cotton Thistle	Tas				
	Buttercups, Hoary Cress seedlings, Horehound, Khaki Weed, Purple-top, Veined Verbena	All States	4-7L	470mL	100mL	
Turf	Bindy-Eye, Capeweed, Cat's Ear, Chickweed, Clovers, Cotula, Creeping Oxalis, Cudweeds, Dandelion, Dock, Fleabanes, Fumitory, Jo-Jo (Onehunga), Lamb's Tongue, Medics, Mustards, Narrow-leaved Plantain, Pearlwort, Pennywort, Peppergrass, Radish, Scarlet Pimpernel, Slender Thistle, Soldier Thistle, Sorrel, Spear Thistle, Toad Rush, Variegated Thistle, Wild Turnip, Wireweed (Hogweed)	All States	<p>Golf Tee, Golf Green: 100mL in 15L water per 150m²</p> <p>Bowling Green: 900mL in 200L water per 1400m²</p> <p>Large Turf Area: (Field, Park, Golf Fairway) 6.5L in 250-400L water per 10,000m² (1 hectare)</p>			Apply to actively growing weeds and moist soil. DO NOT use on Lippia or Strawberry Clover. DO NOT mow turf for 2 days before or after application or fertilize within two weeks of spraying. DO NOT re-apply to Buffalo Grass within 12 months.
	Fat-Hen, Purple – Top, Red Flowered Mallow, Stagger Weed, Swinegrass	Qld, NSW, Tas, SA, WA				
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 PERIOD:

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.
HARVEST WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.**