

ProForce Contra M Herbicide

Overview

ProForce Contra M Herbicide is a broadleaf herbicide containing 340g/L MCPA and 80g/L Dicamba. Both active ingredients are present in the form of Dimethylamine salt.

It is registered for the control of a very broad range of dicot weeds in all turf management situations and several herbaceous weeds in general non-crop situations.

ProForce Contra M provides quick weed knockdown as well as being one of the broadest spectrum broadleaf weed herbicides available on the market. It is registered to control 38 weeds in turf and non-crop situations.



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Mode of Action

- MCPA & Dicamba are foliar absorbed systemic herbicides that belong to the Group I Mode of Action Group.
- They are often termed auxin mimic herbicides because they mimic natural growth hormones, and upset the natural hormone balance in weedy species.
- Growth hormones regulate cell elongation, protein synthesis, and cell division. They upset the normal hormone balance within susceptible plants.
- Auxin mimic herbicides cause unregulated plant growth.
- The unregulated growth that auxin mimic herbicides impart, causes symptoms on susceptible plants that include growth and reproduction abnormalities (especially on new growth).
- Broadleaf species exhibit stem and petiole twisting (epinasty), leaf malformations, parallel venation, crinkling, leaf strapping, stem callus formation, and stunted root growth.
- Plant death is gradual, due to unconstrained mobilization of reserves, however generally symptoms are observed within 7-14 days following an application.



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Weeds / Herbicides	Contra M	Duke 100WG	Bow & Arrow^	HaloForce
Common Couch	•	•	•	•
Hybrid Couch	•	•	•	•
Qld Blue Couch	•	X	•	•
Kikuyu	•	•	•	•
<i>Paspalum</i> spp.	•	NR	•	NR
Buffalo	@	•	•*	•
Fescue	•	X	•	•
Bentgrass	•	X	•	•
Ryegrass	•	X	•	•
Zoysia	•	NR	•	NR

Herbicide is safe for use on this turfgrass. X = Do not use on this turf species.

^Transient discolouration may occur on Kikuyu, Carpetgrass and Qld Blue Couch. Varietal differences

in certain Buffalo grasses (ST85) may produce more pronounced effects.

A slight browning of grasses, especially paspalum may occur under hot conditions.

.@ Do not re-apply to Buffalo within a 12 month period.

NR - Not registered.



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Maximising Performance

- Apply to actively growing weeds. Avoid application to plants suffering from stress.
- Avoid application when rain seems likely to occur within 4 hours.
- Avoid application when weeds are wet with dew or rain or under stress from drought, low soil fertility, extreme cold or water logging.
- Do not use on Lippia or Strawberry Clover plants if they are considered desirable.
- Avoid mowing turf for two days before or after application or fertilise within two weeks of spraying.
- Apply to Buffalo grass only once within a 12 month period.
- Use of an adjuvant will enhance active ingredient movement into the plant, improve rainfastness and herbicide performance.
- Do not use in high winds. Don't apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.



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Contra M Herbicide – Use Rates & Label Recommendations

CROP & SITUATION	WEEDS	STATE	RATE			CRITICAL COMMENTS
Turf	Bindy-eye, Capeweed, Catsear, Chickweed, Clovers, Cotula, Creeping Oxalis, Cudweeds, Dandelion, Dock, Fleabanes, Fumitory, Jo-Jo (Onehunga), Lamb's Tongue, Medics, Mustards, Narrowleaved 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: 100 mL in 15 L water per 150m ² Bowling Green: 900 mL in 200 L water per 1400m ² Large Turf Area (Field, Park, Golf Fairway): 6.5 L in 250-400 L water per 10,000m (1 hectare)			Apply to actively growing weeds and moist soil. DO NOT use in Lippia or Strawberry Clover. DO NOT mow turf for two 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, Staggerweed, Swinecress	Qld, NSW, ACT, Tas, SA, WA only				
CROP & SITUATION	WEEDS	STATE	Per Hectare	Per 100 Litres	Per 15L Knapsack	CRITICAL COMMENTS
Non Crop Situations	Artichoke, Bindweed, Fennel, Hemlock, Thistle seedlings	All States	5.2L	350mL	80mL	A repeat spray may be necessary.