

## Cutlass<sup>®</sup> M Selective Broadleaf Weed Control

#### **Product Overview**

- CUTLASS® M herbicide is a broadleaf herbicide containing 340 g/L MCPA and 80 g/L Dicamba
- It is registered for the control of a very broad range of dicot weeds in turf and several herbaceous weeds in general non crop situations
- CUTLASS® M Herbicide can be used on a large number of established turf varieties
- CUTLASS® M provides quick weed knockdown as well as being one of the broadest spectrum broadleaf weed herbicides available on the market, registered to control 23 weeds.

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#### Mode of Action

#### GROUP

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. By upsetting the normal hormone balance, Auxin mimic herbicides cause unregulated plant growth.

The unregulated growth causes symptoms on susceptible plants that include growth and reproduction abnormalities (especially on new growth). Broadleaf weed species exhibit stem and petiole twisting (epinasty), leaf malformations, parallel venation, crinkling, leaf strapping, stem callus formation, and stunted root growth. Auxinic herbicides are active primarily in growing plants. Plant death is gradual, due to unconstrained mobilization of reserves, however generally symptoms are observed within 7-14 days following application.

#### **Use Rates**

In turf situations, Cutlass M Herbicide is applied at a rate of 6.5 L/ha (65 mL/100 m<sup>2</sup>). To enhance movement of the active ingredients into the plant, it is recommended that Cutlass M be mixed with Raizer Surfactant at a rate of 250 mL-500 mL/100 L of water. For optimum results it is best to apply to actively growing weeds. Ideally, do not mow the turf for 2 days prior to and following the application. Fertilisation should be avoided following application for a period of 2 weeks.

In other Non Crop Situations: **5.2 L/ha, 350 mL/100 L of water OR 80 mL per 15 L Knapsack**. Registered for control of Artichoke, Bindweed, Fennel, Hemlock & Thistle Seedlings. A repeat spray maybe necessary to obtain adequate control.

# Cutlass<sup>®</sup> M

### **Turf Weeds Controlled**

|                        | Product  | Mode of Action | Bindii | Capeweed | Catsear | Chickweeds | Clover | Cotula | Creeping Oxalis | Cudweeds | Dandelion | Dock | Fleabanes | Fumitory | Jo-Jo (One Hunga) | Lambs Tongue<br>(Plantain) | Pearlwort | Pennywort | Peppercress | Radish | Scarlet Pimpernel | Thistles | Toad Rush | Wild Turnip | Wirewed |
|------------------------|--|----------------|--------|----------|---------|------------|--------|--------|-----------------|----------|-----------|------|-----------|----------|-------------------|----------------------------|-----------|-----------|-------------|--------|-------------------|----------|-----------|-------------|---------|
| <b>V</b><br>Herbicides | CUTLASS® M<br>dicamba 80 g/L +<br>MCPA 340 g/L | I              |        |          |         |            |        |        |                 |          |           |      |           |          |                   |                            |           |           |             |        |                   |          |           |             |         |
|                        | BROADSIDE*                                     | CI             |        |          |         |            |        |        |                 |          |           |      |           |          |                   |                            |           |           |             |        |                   |          |           |             |         |
|                        | METHAR TRI<br>KOMBI*                           | I              |        |          |         |            |        |        |                 |          |           |      |           |          |                   |                            |           |           |             |        |                   |          |           |             |         |
|                        | SPEARHEAD*                                     | FI             |        |          |         |            |        |        |                 |          |           |      |           |          |                   |                            |           |           |             |        |                   |          |           |             |         |
|                        | SPORTSGROUND*                                  | I              |        |          |         |            |        |        |                 |          |           |      |           |          |                   |                            |           |           |             |        |                   |          |           |             |         |

#### Features and Benefits

| Features   | Benefits  |
|--|---|
| Schedule 5 chemistry   | Safer than many schedule 6 broadleaf weed herbicides on the market  |
| Low volatility, non ester formulation  | No restrictions on use  |
| Broadest Spectrum Weed Control. Labelled to control 23 weeds   | Will get the job done on most broadleaf weed species  |
| Quick Knockdown. Kills weed in 7-14 days   | Visible results within a shorter period of time. Newer products can take longer to work                       |
| Effective on both immature and mature weeds  | Controls broadleaf weeds at most stages of development  |
| Controls tough broadleaf weeds such as Capeweed, Parlwort, Fleabane,<br>Creeping Oxalis and Wireweed | Can effectively be used to target the toughest weeds in your situation  |
| Can be used over a range of turf species & in other non crop situations.                             | Safe on most key turf types on the market with the benefits of multiple<br>uses in other non crop situations. |



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