

What is Monopoly Herbicide?

Monopoly Herbicide is a post emergent herbicide containing 720g/L of the active ingredient MSMA. It is registered for the selective control of Crabgrass, Summergrass and Paspalum in turfgrass situations and control a range of problem grasses and burrs in non-crop situations.

Features of Monopoly Herbicide:

- Fast acting herbicide – Symptoms of weed control are generally evident within 7 days of application.
- Formulation contains an In-built surfactant to assist in weed control.
- Cost Effective form of grass weed control.
- Good tank mix flexibility.
- Now Available in 10L pack sizes for ease of handling.
- *drumMuster* Compliant, meaning ease of disposal.

Mode of Action:

MSMA is a foliar absorbed herbicide. It accumulates in root and leaf tips, where it rapidly kills leaf and stem tissue. MSMA has multiple sites of action within the plant (Group Z herbicide), however it is thought to impact on weed growth by interfering with ATP production (energy storage) and cell division (growth process). MSMA is typically more effective on grass weeds than broadleaf weeds.

MSMA is generally rainfast within 3 hours of application and has partially systemic properties which allow it to move through the plant. Susceptible weeds generally turn yellow to brown 3-7 days after MSMA application.

Application Information:

Application rates are typically 6.6L/Ha in 400 - 1000 litres of water. Split applications of 3.3L/Ha in 400 - 1000 litres of water applied 7-10 days apart will reduce phytotoxicity. Weeds should be sprayed when they are young and actively growing. Repeat spray applications after 14 days may be necessary for difficult to control weeds.

MSMA products may cause some yellowing and discolouration of turf even when used as per label recommendations. High temperatures will increase this phytotoxic effect. DO NOT use on Bent, QLD Blue Couch, Fescue, Blue Grass, Kikuyu or Dichondra as damage may result.

With higher water volumes, the in-built surfactant within the formulation maybe too diluted to gain optimal results. Hence, a non-ionic surfactant such as Pro-Film 904 is recommended at the rate of 100 mL/100L of water.

Temperature plays a role in **Monopoly** performance. For best results, application should be conducted when weather conditions are warm and dry, and when air temperatures are above 25°C. To limit phytotoxicity, use of **Monopoly** should be restricted when temperatures exceed 35°C.



MONOPOLY AT A GLANCE

Active Ingredient:	720g/L MSMA
Pack Size:	10L – NEW PACK SIZE
Turf Application Rate:	6.6L/Ha
Pre OR Post Emergence Activity:	Post Emergent
Scheduling:	Schedule 7
Mode of Action Group	Group Z Herbicide

KEY TURF & ENVIRONMENTAL WEEDS CONTROLLED

Summergrass



Botanical Name: *Digitaria sanguinalis*,
Digitaria cillialis

Application Timing: Spring / Summer

Rate: 6.6L/ha

Crabgrass / Crowsfoot



Botanical Name: *Eleusine indica*,
Eleusine tristachya.

Application Timing: Summer

Rate: 6.6L/ha

Paspalum



Botanical Name: *Paspalum distichum*,
Paspalum dilatatum.

Application Timing: Spring / Summer

Rate: 6.6L/ha

Bathurst Burr



Botanical Name: *Xanthium spinosum*

Application Timing:

Rate: 11-13.3L/ha

Noogoora Burr



Botanical Name: *Xanthium*

Application Timing: Spring / Summer

Rate: 11-13.3L/ha

Johnson Grass



Botanical Name: *Xanthium*

Application Timing: Spring / Summer

Rate: 11-13.3L/ha

Nutgrass



Botanical Name: *Cyperus rotundus*

Application Timing: Spring / Summer

Rate: 11-13.3L/ha

Spiny Burrgrass



Botanical Name: *Cyperus rotundus*

Application Timing: Spring / Summer

Rate: 11-13.3L/ha

Pack Sizing

Monopoly comes in 10L pack size.
This pack size is ideal for manual
handling.



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For more information, contact your local Turf distributor or call 02 9395 1200

www.amgrow.com.au