

Pendant

Herbicide



Product Information



What is Pendant Herbicide?

Pendant Herbicide is a pre-emergent herbicide containing 330g/L of the active ingredient Pendimethalin.

It is registered for the control of Summergrass, Crowsfoot Grass and Wintergrass in a range of warm and cool season turfgrass species.

This original formulation of Pendimethalin is a proven performer and offers an economical and reliable option for pre-emergent weed control turf.



Features of Pendant Herbicide

- ✓ Offers the most cost effective form of pre-emergent weed control in turf.
- ✓ Low poison scheduling (Schedule 5 – Caution).
- ✓ Contains the original, proven Pendimethalin formulation.
- ✓ Good turf safety characteristics, when used in high cut turf situations.
- ✓ Possesses good tank mix compatibility with other herbicides.

Pendant at a glance

Active Ingredient	330g/L Pendimethalin
Formulation	Emulsifiable Concentrate
Pack Size	20L
Rate	3-4.5L/ha
Poison Schedule	Schedule 5 (Caution)
Mode of Action	Group D Herbicide

› Pendant Mode of Action

Pendimethalin, the active ingredient in Pendant is a member of the dinitroaniline (DNA) herbicide group (Group D).

The primary mode of action of Pendant is to inhibit microtubule formation in cells of susceptible weeds which are an important part of the cell division process.

As a result of restricted cell division, growth of the emerging weed seedling is prevented, eventuating in death due to lack of food reserves.

Because Pendant does not translocate a great deal from the site of uptake within the plant, it is necessary for the emerging weed seedling's roots to absorb pendimethalin from the soil.

Pendimethalin binds to organic matter and clay materials and primarily stays within the top few centimetres of soil.

Selectivity in turf is caused by differences in germination depth of susceptible grass seedlings that absorb the pendimethalin in the top layer of soil, compared to the growing points in the turf's roots system that is at a greater depth and is unable to uptake the pendimethalin.



➤ **Key Weeds Controlled**

Summergrass



Botanical Name: *Digitaria sanguinalis, Digitaria ciliaris*
Lifecycle: Summer Annual
Germination Temperature: 12-15°C
No. of Seeds per Plant: <5,000

Crowsfoot Grass



Botanical Name: *Eleusine indica, Eleusine tristachya*
Lifecycle: Summer Annual
Germination Temperature: 16-18°C
No. of Seeds per Plant: <4,000

Wintergrass



Botanical Name: *Poa annua*
Lifecycle: Winter Annual / Perennial
Germination Temperature: 10-15°C
No. of Seeds per Plant: 2,600

➤ **Pendant Application Information**

Pendant is applied at a rate of 3-4.5L/ha (30-45mL/100m²), depending upon turf variety. Pendant should be applied in a minimum of 400L/ha of water. Ideally, it should be irrigated following application to move the active ingredient down into the soil profile, where its main herbicidal effects occur.

For Summergrass and Crowsfoot Grass control, regular applications of Pendant starting in August with applications at 40-60 day intervals, finishing in February will provide excellent weed control. Similarly, regular applications of Pendant at 40-60 day intervals starting in March and finishing in late Spring will provide optimum wintergrass control.

➤ **Weed Germination Timing and Pendant Application Strategy**

MONTH	Aug	Sep	Oct	Nov	DEC	Jan	Feb	Mar	Apr	May	June	July
Summergrass Germination												
Crowsfoot Germination												
Wintergrass Germination												
Pendant Application	✓		✓		✓		✓		✓		✓	

➤ **Pendant's low Poison Scheduling**

Pendant has a very good safety profile offering peace of mind for users and the general public. It is considered practically non toxic for both ingestion and skin exposure. Below is a comparison of turf pre-emergent herbicides options and their poison scheduling.

Pre-emergent Herbicide	
Pendant (Pendimethalin)	S5 Caution
Dimension EW (Dithiopyr)	S5 Caution
Ronstar (Oxidiazon)	S6 Poison
Burst (Propyzamide)	S6 Poison

Other products available from Amgrow

Crowbar Herbicide

Crowbar Herbicide is a post emergent grass herbicide containing 375g/L Diclofop-Methyl. It is registered for the control of Crowsfoot (*Eleusine indica*) in a range of turf species including Couch, Kikuyu, Qld Blue Couch, Buffalo and Salt Water Couch.

