

Effective Use of Pre-Emergent Herbicides for Grass Weed Control in Warm Season Turf



Pre-emergent herbicides need to be applied before weed seeds germinate.

WINTER GRASS (*Poa annua*)

Wintergrass seed germination can occur from late Summer through to Autumn. This varies across Australia, but if soil temperatures are consecutively around 21°C range in your area this is ideal for Winter grass seed germination.

To prevent Winter grass seed germination, apply your **pre-emergent** before soil temperatures get below 21°C going into Autumn.

SUMMER GRASS & CRAB GRASS (*Digitaria sp.*)

Summer grass and Crab grass seed germination occurs when soil temperatures are between 12-15°C. This usually occurs during Spring.

CROWSFOOT GRASS (*Eleusine indica*)

Crowsfoot grass seed germination takes place when soil temperatures are between 15-18°C. This usually occurs in Spring.

To prevent Summer grass, Crab grass and Crowsfoot grass seed germination, apply your **pre-emergent** before soil temps start to reach 15°C coming out of Winter.

Pre-emergent herbicides form a protective layer that controls germinating weed seeds in the top 10-20mm of the soil. Renovation activities such as aeration, scarifying and topdressing can disturb this layer and reduce the effectiveness of the pre-emergent application.

Plan your turf renovation and pre-emergent applications for maximum efficacy and efficiency.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
							Apply Oxafert at 3-4Kg/100m ² in mid August for 10 weeks of protection.		Renovate your turf in mid to late October.	Allow turf to recover (the time this takes will vary).	Apply Barricade at 30mL/100m ² once fully recovered. Pre-emergent weed control will last for up to 6 months.

Protected

OXAFERT

A combination product containing fertiliser and pre-emergent herbicide for the control of Crowsfoot grass, Summer grass, Winter grass and Oxalis. Available in 20Kg bags.

Application rate

3-4Kg/100m²

Water in after application

Longevity

A single application of Oxafert is expected to control germinating weed seedlings for up to 10 weeks. If longer control is required, re-apply Oxafert 7-10 weeks after the initial application.

BARRICADE

A pre-emergent herbicide used to prevent the occurrence of weeds such as Crowsfoot grass, Summer grass, Winter grass, Paspalum and other grassy weeds. Available in 1L & 5L bottles.

Application rate

10-40mL/100m²

Water in within 7 days after application

Longevity

Applications made at rates of 10-20mL/100m² will provide residual control for up to 4 months. Application made at rates of 20-40mL/100m² will provide residual control for up to 6 months.

WHEN IT COMES TO TURF, TIMING IS EVERYTHING.