

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 12°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 12°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/Spartan at 40mL/100m 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/100m
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/SPARTAN

A pre-emergent herbicide used to prevent the occurrence of weeds such as Crowsfoot grass, Summer grass, Winter grass, Paspalum and other grassy weeds. Barricade available in 1L Spartan available in 500mL.

Application rate

10-40mL/100m
Water in within 7 days after application

Longevity

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

WHEN IT COMES TO TURF, TIMING IS EVERYTHING.