

Barricade® Turf Herbicide

The ultimate *barricade* against pre-emergent weeds



syngenta®

Key Benefits

- Season long control for up to 6 months
- Flexible application window – well before weeds germinate
- Non-scheduled with high turf safety
- Low odour, non-staining formulation
- Economical solution for many grassy weeds including African Lovegrass, Parramatta Grass, Summer Grass, Crab Grass, Crowsfoot Grass and Winter Grass – single application per season
- Complete couch solution for *Poa annua* control when mixed with MONUMENT LIQUID

Pre-emergent Weed Management

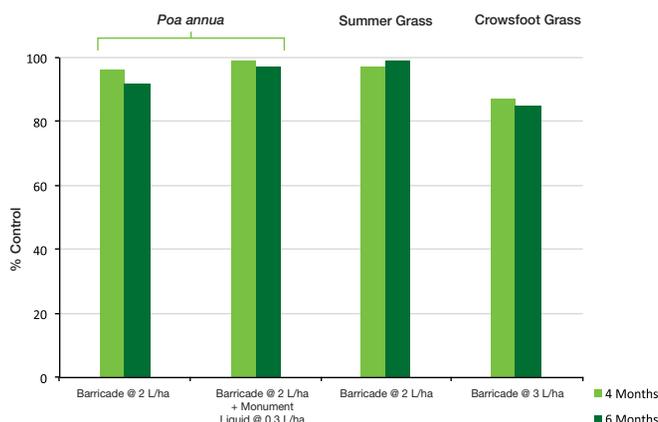
Situation	Grasses	Rate/ha	Critical Comments
Established Turf Bahia Grass Buffalo Grass Carpet Grass Common Couch Hybrid Couch Kikuyu Qld Blue Couch Seashore Paspalum Zoysia	Barnyard Grass Parramatta Grass Rat's Tail Fescue	1 to 3 L	Apply prior to weed emergence in early spring for residual control of up to 6 months. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.
	Crab Grass Summer Grass		
	Crowsfoot Grass	1 to 3 L	Apply prior to weed emergence in early spring. For residual control of up to 4 months use 1 to 2 L/ha. For residual control of up to 6 months use 2 to 3 L/ha. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions. Note: Crowsfoot Grass germinates later than Crab Grass and/or Summer Grass. In situations with multiple weeds present use higher rates to ensure adequate residual control.
	Winter Grass	1 to 2 L	In the presence of emerged <i>Poa annua</i> plants Tank mix with 225 mL/ha of MONUMENT LIQUID and 0.25% v/v non-ionic surfactant and apply during late summer to early autumn for residual control of up to 6 months. In the absence of emerged <i>Poa annua</i> Apply as solo product. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.
		4 L	In areas where post-emergent herbicides for <i>Poa annua</i> control may pose a high risk of tracking or off site damage (ie greens surrounds, slopes on high side of greens, etc) Apply prior to weed emergence in late summer to early autumn for residual control of up to 6 months. A repeat application (3 to 4 months after initial application) may be needed in high weed pressure situations or during extended germination periods due to environmental conditions.
African Lovegrass Bahia Grass Kentucky Blue Grass	2 to 3 L	Apply prior to weed emergence in early spring. Residual control of up to 6 months. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.	
	Paspalum	2 to 4 L	

Note: The above table represents only a modified extract from the full registered label. Please refer to the registered label for full details.

Turf Species

BARRICADE can be used as a pre-emergent herbicide on various warm season turf species

Warm Season Turf Grasses
Bahia Grass
Buffalo Grass
Carpet Grass
Common Couch
Hybrid Couch
Kikuyu
Queensland Blue Couch
Seashore Paspalum
Zoysia



Application Timing and Rate Variation

BARRICADE can deliver up to 6 months residual control. Positioning of applications can thus be carried out well in advance of weeds germinating and still deliver season long control.

Example: Spring applications for the control of summer grassy weeds like *Digitaria* (Summer Grass and Crab Grass) and *Eleusine* (Crowsfoot Grass) should ideally be applied around the end of August. Control will last up to the end of February. Autumn applications for the control of *Poa* (Winter Grass) should ideally be applied around the end of February. Control will last up to the end of August.

BARRICADE as a pre-emergent herbicide works in the top soil layers. Application targeted towards delivering BARRICADE close to the soil surface is best suited to ensure optimum results. BARRICADE needs to be washed in within 7 days after application.

Good application = Good results

	Target	Wind Speed	Nozzle	Water Rate	Pressure	Droplet Size
BARRICADE	Soil	2-12 km/h	TF5 or TTJ10	590 L/ha [#]	3 bar	Extremely coarse

Consult full registered label for additional information.
[#]Application volume dependant on travel speed.

Active Ingredient
BARRICADE contains 480 g/L prodiamine, a member of the dinitroaniline herbicides. Prodiamine is a Group D herbicide.

Mixing and Compatibility

BARRICADE is a suspension concentrate (SC) with minimal odour and non-staining properties. BARRICADE mixes completely with water and produces a homogenous easy to apply suspension.

BARRICADE can be tank mixed with MONUMENT LIQUID. Observe the mixing instruction for MONUMENT LIQUID with regards to water pH and the addition of a non-ionic surfactant (buffer solution prior to MONUMENT LIQUID addition to ~pH 7 and add a non-ionic surfactant at 0.25% v/v).

Packaging

BARRICADE is available in a 1 L and 5 L pack size.



For more information and to download the full registered label and MSDS, ask your Syngenta Agent or go to www.greencast.com.au
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