



CHECKPOINT 500SC

HERBICIDE

Targeted pre and post emergence control of *Poa annua* (Wintergrass).

Product Overview

- ProForce Checkpoint 500SC Herbicide is a selective herbicide containing 500g/L of the active ingredient Propyzamide.
- It is specifically registered for the pre and post-emergent control of Wintergrass (*Poa annua*) in established turf, with excellent safety on a range of warm season turf varieties.
- The low application rates and high active ingredient loading make Checkpoint a useful economical and an effective option for Wintergrass control.
- Offers a shorter term residual pre-emergent option for Wintergrass, with early and mid-season applications most effective.

Key Features of ProForce Checkpoint 500SC Herbicide

- Offers pre & early post emergent control, ensuring you cant miss the application window.
- Offers a shorter-term residual pre-emergent option for Wintergrass, early and mid season. Defined residual period of 6-8 weeks allows flexibility around overseeding / renovation operations.
- Useful resistance management rotational tool. Reduces reliance on Group B chemistry.
- Root absorbed herbicide. Can be irrigated into the rootzone and still be effective, reducing tracking concerns.
- Effective in cooler conditions. Unlike SU chemistry, Checkpoint can be used successfully in winter.
- Excellent tolerance to warm season grasses. Reliable on warm season turf.
- Reliable SC formulation. Easier to measure and add to the tank, whilst having useful tank mix flexibility.

Mode of Action

Group	D	Herbicide
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Checkpoint is a soil acting, residual herbicide. Its active ingredient, propyzamide, is readily absorbed by the weed's root system. It works largely by preventing cell division. Checkpoint actively restricts cell division by preventing proteins required for spindle fibre production in a process called mitosis. Spindle fibres are critical in transferring DNA to new cells in the cell division process. As a result, Checkpoint applications prevent spindle fibres from forming, resulting in the prevention of cell division, leading to a limitation of growth and eventual weed death of susceptible plants. Control may only take a matter of weeks in good growing conditions. However, it can take months where plant growth is limited by temperature and light.



Use Rates

SITUATION	WEEDS CONTROLLED*	Rate per 100m ²	Rate per ha	Rate per Bowling Green (37m x 37m)
Turf & Lawns				
Common Couch	Winter Grass (<i>Poa annua</i>)	12 mL/100 m ²	1.2L	170 mL
Queensland Blue Couch		6 mL/100 m ²	0.6L	85 mL
Buffalo Grass		12 mL/100 m ²	1.2L	170 mL

How to get the best results from ProForce Checkpoint 500SC

- Checkpoint 500SC is most active in coarse to medium textured soils of low organic matter and relatively inactive in peat or muck soils or mineral soils high in organic matter content. Herbicidal activity is best in soils containing less than 4% organic matter. Use in soils with higher organic matter may result in inconsistent or incomplete weed control.
- Apply during the Autumn and Winter, if established turf is infested with seedling winter Grass. Mature Wintergrass plants become more difficult to control, with bio-type differences also impacting on the performance that can be achieved.
- Ensure a uniform coverage. Irrigate immediately after application with 12- 25 mm irrigation or rain and again 24 hours later. Repeat treatment if necessary on Queensland Blue Couch after 4 weeks.
- Checkpoint breaks down more rapidly in warmer soils. The cooler the soil, the longer the residual control that can be achieved. A drop in soil temperature of 10 degrees celcius, roughly doubles the half-life of propyzamide.
- Soil moisture is important as Checkpoint is only absorbed by roots, with no foliar uptake. Without sufficient moisture in the soil, Checkpoint cannot be taken up by the target weeds.
- Do not reseed for 60 days after treatment.
- Use only on established turf.
- Do not use on Bluegrass, Ryegrass, Fescue or Bent Grass Turf.
- To enhance herbicide movement into the soil, it is recommended that Checkpoint be tank mixed with a suitable soil surfactant. Hydrophobic soil conditions can impact upon performance.

