



# SHORTSTOP 200SC

200 g/L Paclobutrazol

## UNIQUE FEATURES

- Suppression and control of *Poa annua* (Wintergrass) in bentgrass
- Growth regulation and enhancement in C3 grasses
- Reduces clippings and increases turf density
- Minimal surface disruption during treatment of Wintergrass
- Developed and manufactured in Australia

## GENERAL INFORMATION

The turf growth regulator (TGR) in SHORTSTOP 200SC is root absorbed and must be watered in to take effect. After irrigation, the TGR binds to organic carbon and settles at the very top layer of soil, where Wintergrass roots congregate due to their shallow habit. Because bentgrass and other cool season grasses (when healthy) produce deeper rooting, they display less sensitivity to SHORTSTOP. So, maintaining sufficient levels of SHORTSTOP in the surface of the root zone during cool season growth, Wintergrass will be inhibited but other cool season grasses grow largely unaffected. SHORTSTOP 200SC is a suspension concentrate formulation for spray application after dilution with water. Apply to dry or wet turf and water in immediately with 4-6 mm of sprinkler irrigation.

## APPROACH

SHORTSTOP 200SC is a tool to shift the competitive dynamics of a cool season sward, in favour of other more desirable cool season species such as bentgrass, ryegrass or fescue. Cultural practices, climate, soil type, turfgrass variety and Wintergrass biotype also play a part in the degree of control achieved when using SHORTSTOP 200SC. A coordinated program that combines nutritional, cultural and mechanical aspects of turf maintenance will enhance the degree of control achieved.

## PRODUCT INFORMATION

### PACK SIZE

2.5 L

### APPLICATION

Wintergrass control will be influenced by the rate and frequency at which SHORTSTOP 200SC is used. Modern research supports the use of heat unit accumulation, commonly known as Growing Degree Days (GDD), as the most consistent means to dictate application frequency for the most effective means of suppressing Wintergrass competition in bentgrass greens.

### RATE SENSITIVITY GUIDE

0.5 L/ha	For Wintergrass enhancements, seedhead reduction and attainment of playing surface speed
1.0 L/ha	For growth enhancement of bent, rye and other C3 turf
1.5 L/ha	Suppression and control of Wintergrass in bentgrass turf

SITUATION	PURPOSE	RATE (ha)	RATE (100m <sup>2</sup> )
Bent grass, Ryegrass, Kentucky Bluegrass, Couch grass (not hybrid)	<i>Poa annua</i> suppression and long term control	2 to 2.8 L/ha	20 to 28 mL/100m <sup>2</sup>
Bent grass, Ryegrass, Kentucky Bluegrass, Couch grass, Wintergrass ( <i>Poa annua</i> )	Growth regulation – decrease in vertical height, enhanced greening and quality	0.5 to 2 L/ha	5 to 20 mL/100m <sup>2</sup>