READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Quarterback
Insecticide

ACTIVE CONSTITUENT: 200 g/L CHLORANTRANILIPROLE

For the Control of African Black Beetle, Argentine Stem Weevil, Argentinian Scarab, Billbugs and other Insect Pests in Turf

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

APVMA Approval No.: 89878/135961HG

TURF culture

Australian owned

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Quarterback Insecticide
Quarterback Insecticide delivers excellent preventative performance, with optimal results achieved with application early in the season (mid-September) with the appearance of overwintering adult pests. The long residual performance of Quarterback Insecticide will provide up to 6 months protection. Curative control with Quarterback Insecticide on pest outbreaks later in the season (mid-December onwards) can be achieved.

HOW TO USE:
Measure lawn area before application. Apply by Garden Sprayer or Watering Can.

Situation	Pest	Rate	Critical Comments
Applications should not be made when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition. As is the case with any insecticide applied to turfgrass for beetle larvae control, optimal results will be achieved if the product is irrigated into the turf immediately after application.			
Turf & Lawns	Beetle larvae including; African Black Beetle (*Heteronychus arator*)	**Garden Sprayer** 15 mL per 100 square metres Spray with at least 5 L water per 100 square metres or **Watering Can** Mix 1.5 mL in 9 litres of water and evenly apply to 10 square metres	Apply before or at peak egg hatch for maximum control (typically mid-September). Apply early season (mid-September) where long residual protection is required or apply later in season (mid-December onwards) when less sensitive mid instar grubs are present at the time of application, or in cases of high pest pressure. For optimal control, irrigate with approximately 6 mm of water immediately after application.
	Argentinian Scarab (*Cyclocephala signaticollis*)		Apply before or at peak egg hatch for maximum control (typically mid-December). Apply later in season when less sensitive mid instar grubs are present at the time of application or in cases of high pest pressure. For optimal control, irrigate with approximately 6 mm of water immediately after application.
	Argentine Stem Weevil larvae (*Listronotus bonariensis*), Billbug larvae (*Sphenophorus brunnipennis*)		Apply early season (mid-September) applications when overwintered adults are first observed, to prevent damage and population build up. Early application is essential to prevent grass damage due to feeding and where extended residual performance is required. Apply later in season (mid-December onwards) in cases of high pest pressure. For optimal control, irrigate with approximately 6 mm of water immediately after application.
	Caterpillars including; Black Cutworm (*Agrotis ipsilon*), Lawn Armyworm (*Spodoptera mauritia*), Sod Webworm (*Herpetogramma licarsisalis*)	**Garden Sprayer** 7.5 mL per 100 square metres Spray with at least 5 L water per 100 square metres	To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

HOW TO PREPARE
Prior to pouring, shake container vigorously, then add the required quantity of Quarterback Insecticide to clean water in a garden sprayer (or watering can) and mix thoroughly. The prepared spray must be used on the day it is mixed.

Mixing – Garden Sprayer
1. Prior to opening, shake bottle vigorously.
2. Add the required amount of water to your garden sprayer.
3. Add the required quantity of Quarterback Insecticide to the pre-filled (with water) garden sprayer.
4. Agitate garden sprayer by way of shaking (ensure garden sprayer lid / screw top cap is closed completely to stop leaking), to achieve thorough mixing before application.
5. If the application of the garden sprayer mixture is paused, repeat Step 4, prior to resuming application.
6. Only mix sufficient chemical for application within the hour.

Mixing – Watering Can
1. Prior to opening, shake bottle vigorously.
2. Add a quarter of the required amount of water to your watering can.
3. Add the required quantity of Quarterback Insecticide to the watering can.
4. Add the remaining water required to your watering can, using the filling process to agitate the mixture.
5. Only mix sufficient chemical for application within the hour.

Compatibility
DO NOT mix with products or fertiliser with high salt content, i.e. ferrous sulphate or ammonium sulphate.

CAUTION
No Re-entry interval is required. Re-entry is permitted immediately after spraying.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of runoff for at least 3 days after application.
DO NOT apply when the soil is saturated with water as adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition.
Very toxic to aquatic life.
DO NOT allow containers or spray to get into drains, sewers, ponds or streams.
DO NOT graze treated turf/lawn or feed turf/lawn clippings from any treated area to poultry or livestock.

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated, dry place out of reach of children and pets. DO NOT store in direct sunlight. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage.

SAFETY DIRECTIONS
Nil. No Personal Protective Equipment (PPE) required.

FIRST AID INSTRUCTIONS
First aid is not generally required. If in doubt, contact a Poisons Information Centre (*Phone Australia 13 11 26)* or a doctor.

CONDITIONS OF SALE
The use of Quarterback Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by Turf Culture regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Turf Culture accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

In a Transport Emergency Dial 000 Police or Fire Brigade