



Squadron Weatherace 720SC

Fungicide

Dollar Spot



Brown Patch



Grey Leaf Spot



Reliable Protectant Disease Control

Product Overview

Squadron Weatherace is a broad spectrum, contact or protectant fungicide containing 720g/L of the active ingredient Chlorothalonil.

It is registered for the control of Brown Patch, Dollar Spot and Grey Leaf Spot in all recreational turf situations.

In Ornamentals, Squadron Weatherace is registered for the control of Botrytis, Grey Mould, Rust, Septoria and Alternaria leaf blight.

Squadron Weatherace contains adjuvants within the formulation to enhance rainfastness.

Squadron Weatherace is formulated in Australia, from imported materials.

Key Features

- > Improved rainfast formulation, enhancing coverage and adhesion to the leaf.
- > Excellent residual performance, when comparing to some other contact fungicide chemistry.
- > Registered for both turf and ornamental diseases. Convenient to use in a range of situations.
- > Multi-Site Activity. No known resistance, still very useful within the fungicide program.
- > Minimal Impact on beneficial insects, fitting well in IPM programs. Studies have shown that Squadron Weatherace has very little impact on beneficial insects and mites.
- > Formulated and Manufactured in Australia.



Squadron Weatherace 720SC Fungicide – Use Rates

| SITUATION | DISEASE | RATE | CRITICAL COMMENTS |
|---|--|---|--|
| Pythium Leaf Blight | Dollar Spot (<i>Sclerotinia homeocarpa</i>) | 130-200mL/100m ² in 20-60L of water | If disease is already established use higher rate. Apply at 7-14 day intervals. Under severe conditions spray at 7 day intervals. DO NOT mow or water treated area until turf or lawn is dry. |
| | Brown Patch (<i>Rhizoctonia solani</i>) | | |
| | Grey Leaf Spot (<i>Pyricularia grisea</i>) | 24L/ha | Apply to leaf as a curative application. DO NOT irrigate for 24 hours after application. |
| Ornamentals, Chrysanthemums, Geraniums, Iris & other ornamentals | Botrytis, Grey Mould, Rust Diseases, Septoria and Alternaria Leaf Spot Diseases | 100mL/100L | Apply at 7-14 day intervals. Use 7 day interval under severe conditions. Avoid application to blooms in Azaleas, Hydrangea and Petunia. |

Mode of Action

GROUP M5 FUNGICIDE

Chlorothalonil, the active ingredient in Squadron Weatherace is a multi-site inhibitor affecting various enzymes and other metabolic processes in fungi.

It inhibits spore germination, and is antagonistic to fungal cell membranes. Squadron Weatherace is classified as possessing a Group M5 mode of action and belongs to the Chloronitrile chemical family.

Mixing Procedure for Squadron Weatherace 720SC Fungicide

| | |
|---------|--|
| Step 1 | Water goes into the tank first. Fill the tank at least ½ full and start agitation. |
| Step 2 | Add water conditioners (e.g. Ammonium sulphate, acidifiers) |
| Step 3 | Water Soluble Packages (WSP's) |
| Step 4 | Water Dispersible Granules (WG / WDG's) |
| Step 5 | Wettable Powders (WP's) |
| Step 6 | Suspension Concentrates (SC's) |
| Step 7 | Oil in Water Emulsions (EW's) |
| Step 8 | Oil Dispersions (OD's) |
| Step 9 | Emulsifiable Concentrates (EC's) |
| Step 10 | Soluble Concentrates |
| Step 11 | Grenadier 800WG Fungicide |
| Step 12 | Liquid Fertilisers |
| Step 13 | Spray adjuvants (including Octane Non-Ionic Extender, Sticker, Spreader) |

Maximising performance

- > Slowly invert container several times to ensure uniform mixture. Mix the required quantity of product with water in the spray tank with agitator operating. Thorough uniform coverage is essential for effective disease control and protection.
- > Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the host plant being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the treated plant to the point of run-off. Avoid excessive run-off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer. In ornamental situations, the required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Improved Rainfastness Properties with Squadron Weatherace

Once dry on the leaf, Squadron Weatherace adheres strongly to leaves and has rainfast properties at least equal to the leading industry standards. If applied to wet leaves, good adhesion is also possible, since excellent performance has been observed, if Squadron Weatherace is applied to plants that have heavy dew on them. This may be a useful method of obtaining some redistribution to the lower canopy of heavier ornamental crops.

Compatibility

This product is compatible with wettable powder formulations of the most commonly used fungicides, insecticides and miticides. DO NOT combine with oil-based emulsifiable or flowable pesticides, unless prior experience has shown the combination to be physically compatible and non-injurious to the plant you are treating. This product should not be mixed with spraying oils or sprayed onto plants that have been sprayed with oil for at least 10 days after the oil spray. Wetting agents have not improved performance. Under some conditions, certain surfactants may cause plant injury.