



Cavalry® Weatherguard

Reliable Protectant Disease Control

Product Overview

- CAVALRY® WEATHERGUARD is a broad spectrum, contact or protectant fungicide containing 720 g/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, CAVALRY® WEATHERGUARD is registered for the control of Botrytis, Grey Mould, Rust, Septoria and Alternaria leaf blight.

Mode of Action

GROUP	M5	FUNGICIDE
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Chlorothalonil, the active ingredient in CAVALRY® WEATHERGUARD 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. CAVALRY® WEATHERGUARD is classified as possessing a Group M5 mode of action and belongs to the Chloronitrile chemical family.



How to get the best results from CAVALRY® WEATHERGUARD

CAVALRY® WEATHERGUARD is best applied as a preventative or as an early curative at the first sign of disease presence in turf. For best curative control performance, it is recommended CAVALRY® WEATHERGUARD is mixed with a systemic fungicide. As Chlorothalonil is a contact fungicide, application coverage is essential for achieving good disease control. CAVALRY® WEATHERGUARD should be applied in a good volume of water as directed by the label. CAVALRY® WEATHERGUARD provides up to 14 days protection. After 14 days, for continued protection re-apply CAVALRY® WEATHERGUARD or another fungicide. To maximise performance do not mow or irrigate treated turf until the lawn is thoroughly dry.

Use Rates

Turf Application – 13 - 20 L/Ha (130 – 200 mL/100 m²) in 2000 – 6000 L of water per hectare. For Grey Leaf Spot control, CAVALRY® WEATHERGUARD is registered at a rate of 24 L/Ha (240 mL/100 m²).

Ornamentals Application – 100 mL/100 L of water. Apply at 7-10 day intervals. Use 7 day intervals in severe conditions. Avoid applications to blooms in Azalea, Hydrangea and Petunia crops.

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Application Recommendations

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 CAVALRY® WEATHERGUARD

Once dry on the leaf, CAVALRY® WEATHERGUARD 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 CAVALRY® WEATHERGUARD 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.



Features and Benefits

Features	Benefits
Contains Weatherguard formulation technology	Improves rainfastness, coverage and adhesion on the leaf
Improved Residual Performance	Improved residual activity over some other contact fungicide chemistry
Registered for Disease Control in both Turf and on a range of ornamental plant varieties	Versatile, makes it convenient for use in a broad 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 CAVALRY® WEATHERGUARD has very little impact on beneficial insects and mites.



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Product Overview

- CAVALRY® WEATHERGUARD is a superior formulation of chlorothalonil designed to display excellent sticking qualities and rainfastness and provide broad spectrum disease control
- CAVALRY® WEATHERGUARD is demonstrated to provide long lasting protection from a wide range of plant diseases even in prolonged wet conditions in more than 40 key horticultural crops
- CAVALRY® WEATHERGUARD adheres strongly to leaves and other plant tissue when dry and meets the highest market standard for chlorothalonil rainfastness and length of protection.

Mode of Action

GROUP **M5** FUNGICIDE

The chlorothalonil in CAVALRY® WEATHERGUARD is a member of the multi-site activity group giving it a low risk of fungal disease resistance development.

- This allows CAVALRY® WEATHERGUARD to play a key role in spray programs from a resistance management point of view
- As a protectant fungicide, CAVALRY® WEATHERGUARD must be applied prior to disease infection to achieve maximum control and since it has no systemic activity, thorough spray coverage at the time of application is essential
- CAVALRY® WEATHERGUARD deposits are not readily removed by rain or irrigation water due to its excellent surface binding characteristics
- In addition, small amounts of CAVALRY® WEATHERGUARD will redistribute in water when the leaf surface is re-wet through dew, rainfall, or irrigation
- This, combined with its optimised particle size provides further improvement to leaf coverage and maximising the interaction between the chlorothalonil active and fungal spores.

When to Use CAVALRY® WEATHERGUARD

CAVALRY® WEATHERGUARD can be used in a range of crops to provide preventative protection including Almonds, Bananas, Chickpeas, Cucurbits, Grapes, Lentils, Ornamentals, Peanuts, Stone Fruits and Vegetables. Application must occur prior to the introduction of the disease as part of a sound disease management program.

Many of the diseases controlled by CAVALRY® WEATHERGUARD proliferate under conditions of intense rainfall or overhead irrigation, making high rainfastness even more important.



Cavalry® Weatherguard

IPM friendly

Studies have shown that chlorothalonil has little impact on beneficial insects and mites, which makes it very compatible with IPM systems in a range of crops where IPM program are used including grapevines and stonefruit.

Harvest and Grazing Withholding Periods

CAVALRY® WEATHERGUARD can be used throughout the growing season in many crops.

- No withholding period is required when used in Potatoes as directed
- Artichokes, Bananas, Capsicum, Celery, Cucurbits, Endive, Leek, Okra, Plums, Shallots, Sweet Corn, Tomatoes and Watercress can all be harvested 1 day after application
- Apricots, Beans, Broccoli, Brussels Sprouts, Cabbages, Carrots, Cauliflowers, Cherries, Nectarines, Peaches, Peas, Rhubarb and Table Grapes can be harvested 7 days after application
- Chickpeas, Faba Beans and Lentils may be harvested or grazed 14 days after application
- Use no later than E-L 29 in grapes destined for use in export wine.

Features and Benefits

Features	Benefits
A superior formulation of chlorothalonil designed to display excellent sticking qualities and rainfastness	Long lasting protection even in prolonged wet conditions
Provides a wide spectrum of disease control and is an important Resistance Management Tool	When growers apply CAVALRY® WEATHERGUARD in an effective fungicide program they can control a broad range of diseases now and into the future
CAVALRY® WEATHERGUARD is an SC formulation that is compatible with most commonly used fungicides and insecticides applied during the same crop growth stages.	Growers can tank mix with other chemistry to achieve several jobs in the one pass allowing growers to save time and money on application costs.



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- CAVALRY® WEATHERGUARD is demonstrated to provide long lasting protection from a wide range of plant diseases even in prolonged wet conditions in more than 40 key horticultural crops
- CAVALRY® WEATHERGUARD adheres strongly to leaves and other plant tissue when dry and meets the highest market standard for chlorothalonil rainfastness and length of protection. Many of the diseases targeted by CAVALRY® WEATHERGUARD spread quickly when plants are unprotected under conditions of intense rainfall or irrigation, making high rainfastness essential.

Mode of Action

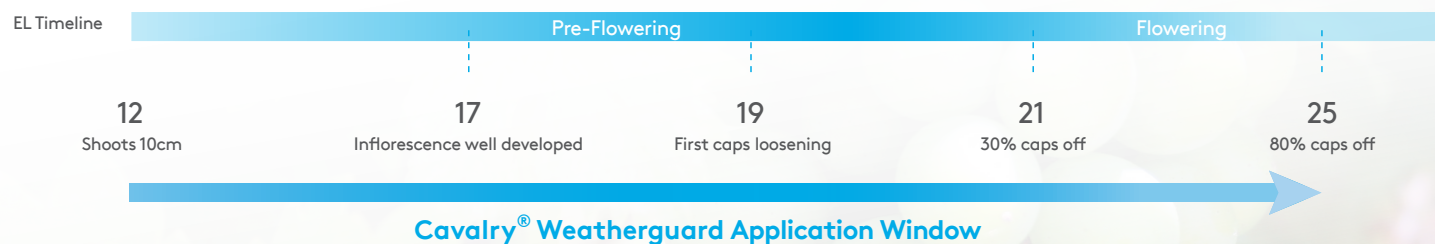
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- As a protectant fungicide, CAVALRY® WEATHERGUARD must be applied prior to disease infection to achieve maximum control and since it has no systemic activity, thorough spray coverage at the time of application is essential.

When to Use CAVALRY® WEATHERGUARD

Application must occur prior to the introduction of the disease as part of a sound disease management program. Many of the diseases controlled by CAVALRY® WEATHERGUARD proliferate under conditions of intense rainfall, making high rainfastness even more important.



Cavalry® Weatherguard

IPM friendly

Studies have shown that chlorothalonil has little impact on beneficial insects and mites, which makes it very compatible with IPM systems in a range of crops where IPM program are used including grapevines and stonefruit.

CAVALRY® WEATHERGUARD can be used throughout the growing season in many crops.

- Table Grapes can be harvested 7 days after application
- Use no later than 80% capfall in grapes destined for use in export wine.

Features and Benefits

Features	Benefits
A superior formulation of chlorothalonil designed to display excellent sticking qualities and rainfastness	Long lasting protection even in prolonged wet conditions
Provides a wide spectrum of disease control even under prolonged wet conditions and is an important Resistance Management Tool	When growers apply CAVALRY® WEATHERGUARD in an effective fungicide program they can control a broad range of diseases now and into the future
CAVALRY® WEATHERGUARD is an SC formulation that is compatible with most commonly used fungicides and insecticides applied during the same crop growth stages	Growers can tank mix with other chemistry to achieve several jobs in the one pass allowing growers to save time and money on application costs
Use of CAVALRY® WEATHERGUARD is approved by the AWRI Dog Book.	CAVALRY® WEATHERGUARD meets all necessary MRL criteria when used as directed allowing grape growers to use with confidence.



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