



Chief® Aquaflo

Broad Spectrum Curative Disease Control

Product Overview

- CHIEF® AQUAFLO is a broad spectrum fungicide containing 500 g/L of the active ingredient Iprodione. It is registered for the control of Brown Patch, Dollar Spot, Fusarium Patch, Spring Dead Spot, Curvularia and Helminthosporium diseases in all recreational turf situations
- In Ornamentals, CHIEF® AQUAFLO is registered for the control of Botrytis blight in Ornamental plants.

Mode of Action

GROUP **2** FUNGICIDE

Iprodione, the active ingredient in CHIEF® AQUAFLO is a member of the dicarboximide fungicide group (Group 2 – Formally Group B). CHIEF® AQUAFLO is a locally systemic fungicide with both protective and strong curative activity. Iprodione controls susceptible fungi by inhibiting germination of fungal spores and growth of mycelium (a vegetative part of the fungus).

CHIEF® AQUAFLO possesses locally systemic movement (Translaminar) capabilities within plants, meaning that when used as a foliar treatment, it has the capacity to penetrate into leaf tissue, moving from the upper leaf surface to the lower leaf surface, enhancing protection and control within the entire leaf area. CHIEF® AQUAFLO's translaminar capability also ensures that the plant pathogens growth within treated plant tissue is halted and controlled within days following application.

How to get the best results from CHIEF® AQUAFLO

In turf applications, it is recommended that CHIEF® AQUAFLO be applied in a minimum water volume as specified on the label, in a medium sized droplet to obtain an even coverage over the turf surface. For root borne diseases, irrigation maybe required to place the active ingredient into the rootzone. For ornamental application, ensure CHIEF® AQUAFLO is applied as uniformly as possible over the plant and repeat applications at 14 day intervals until disease control has been achieved.

Use Rates

Turf Application – 4.5 – 9 L/Ha (45 – 90 mL/100 m²) in 1000 – 15,000 L of water per hectare (Use higher water volumes for root zone targeted diseases).

Ornamentals Application – 100 mL/100 L of water. Ensure CHIEF® AQUAFLO is applied as uniformly as possible over the plant and repeat applications at 14 day intervals until control has been achieved. Spraying Saintpaulia and Poinsettia flowers may result in some petal scorch. Tepid water should be used and wet plants protected from direct sunlight.



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Application Recommendations

Good disease control requires even, thorough coverage of the target area. Application should be made using sufficient water to ensure thorough coverage. Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the plants being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the treated plants 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. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows in ornamental plant situations.

Spray Tank Water pH

CHIEF® AQUAFLO is most stable in a water pH below 5. CHIEF® AQUAFLO maybe unstable in water conditions where the pH is above 7. At a pH of 9, Iprodione undergoes alkaline hydrolysis and has a half life of less than 1 hour. It is therefore essential to check the pH of the spray solution before adding CHIEF® AQUAFLO. A suitable acidifier such as Raizer® Spray Adjuvant may have to be added to the spray solution to bring the pH closer to the ideal range and get the best result out of CHIEF® AQUAFLO.

Features and Benefits

Features	Benefits
Non-scheduled chemical	Increased usage in and around public areas. No re-entry restrictions
Water based formulation	Provides efficient movement into the soil profile and is very effective against root borne pathogens
Locally systemic movement (translaminar) within the plant	Provides curative control of pathogens within plant tissue
Works on all stages of the disease lifecycle	Will work for you, regardless of where the disease growth is at
High active ingredient loading.	Lower application rates and reduced drum disposal & packaging costs.

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