



# Grenadier 800WG

Fungicide

*Residual, systemic Pythium & Phytophthora prevention*



## Product Overview

ProForce Grenadier 800WG Fungicide is a targeted oomycete fungicide containing 800g/kg of the active ingredient fosetyl aluminium. It is registered for the control of Pythium diseases in golf, bowling greens and other intensively managed turf. In addition to this, it is also registered for Crown and Root Rot (*Phytophthora* spp.) disease control in ornamental plant situations.

ProForce Grenadier 800WG Fungicide is a quality wettable granule formulation. After dispersing in water, it stays in solution for an extended period of time. As a result, Grenadier 800WG Fungicide mixes almost completely with water and may be tank mixed with many commonly used fungicides and liquid fertilisers. Grenadier 800WG Fungicide has minimal odour, and offers full systemic activity within the plant, moving in both directions (up and down).

ProForce Grenadier 800WG Fungicide is manufactured in Australia, ensuring quality and reliability.

## Key Features

- > True systemic activity. Easy to use and apply, regardless of weather conditions.
- > Proven plant health benefits. Improves plant health by reducing oxidative stress and improves root development.
- > Non-scheduled chemistry. No re-entry periods, lower PPE requirements for the user. Safer for the general public.
- > No documented history of resistance. Can be used throughout the season with confidence.
- > Once dispersed in water, Grenadier 800WG Fungicide stays in solution for an extended period of time.
- > Comes in an easy to use and pour 5kg packaging. Less drums required for disposal.



## Grenadier 800WG Fungicide – Use Rates

PATHOGEN	APPLICATION RATE	WATER RATE
Pythium Leaf Blight	125g/100m <sup>2</sup> or 12.5kg/ha	Apply as a foliar in 5-10L of water/100m <sup>2</sup> (500-1,000L per hectare).
Pythium Root Rot	125g/100m <sup>2</sup> or 12.5kg/ha	>1,000L/ha. Irrigate with 6 to 10mm quickly after application.
Seedling Damping Off ( <i>Pythium</i> spp.)	125g/100m <sup>2</sup> or 12.5kg/ha	Apply as a foliar in 5-10L of water/100m <sup>2</sup> (500-1,000L per hectare).
Crown & Root Rot	90g/100L of water or 10g/m <sup>2</sup>	Apply as a soil drench at intervals of 6 weeks.

## Mode of Action

### GROUP 33 FUNGICIDE

Fosetyl aluminium, the active Ingredient in ProForce Grenadier 800WG Fungicide, is a true systemic fungicide which is rapidly taken into the plant and transported both upwards (acropetally) and downwards (basipetally) in the plants vascular system.

Fosetyl aluminium inhibits spore germination and penetration of pathogens into the plant by blocking mycelial growth and spore production. Fosetyl aluminium also enhances the plant's own natural defense system against diseases. As a result, Fosetyl-aluminium's mode of action is a multi-site, with no documented history of resistance.



## Mixing Procedure for Grenadier 800WG 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).

## Wettable Granular Formulation

ProForce Grenadier 800WG Fungicide is a quality wettable granule formulation. The granular size is larger than some other fosetyl aluminium based products, and as a result, due to the increased surface area, it may take longer than some other fosetyl based products to disperse. However, once it disperses in water, it stays in solution for an indefinite period of time. As a result, Grenadier 800WG Fungicide mixes almost completely with water and it can sit in the spray tank for a long period without falling from suspension.

To limit the timeframe required for the particle to disperse in the spray tank, it is recommended to pre-dissolve the product in water prior to addition to the tank. ProForce Grenadier 800WG Fungicide does not contain a green pigment.