



# SEGWAY®

## 400 SC FUNGICIDE

### Product Overview

Segway 400 SC Fungicide is proven to offer consistent and rapid control of Pythium Blight and Pythium Root Dysfunction. The active ingredient in Segway, cyazofamid, stops spores from germinating, inhibiting all stages of Pythium fungal development.

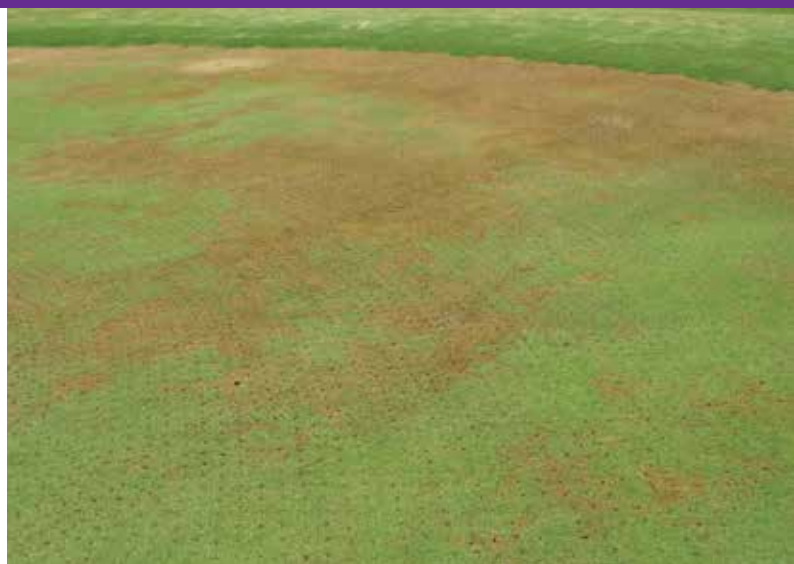
Field trials show Segway 400 SC Fungicide is highly effective in protecting professionally managed turf areas against Pythium diseases over a period of 7 to 28 day period, depending on the level of disease pressure.

Segway 400 SC Fungicide has no known cross-resistance with existing fungicides, making it the ideal foundation of a disease management program.

Segway 400 SC Fungicide is manufactured in the USA by ISK Biosciences.



*Unique, consistent, curative & preventative control of Pythium*



## Key Features

- > Strong control of Pythium diseases.
- > Registered for control of Pythium Root Dysfunction.
- > Unique chemistry, with a unique mode of action. Only fungicide with a Group 21 designation.
- > Excellent Rainfast Properties (within 1 hour). High affinity to the plant cuticle.
- > Curative & Preventative Performance.
- > Has translaminar activity – works inside the plant.
- > Schedule 5 – Caution – Chemical Scheduling.
- > No documented cross resistance with other fungicides.
- > Good rotational tool for Pythium management in turf.
- > Multiple pack sizes available (500mL and 1L) to suit most applications.
- > No re-entry or withholding periods when used as directed.
- > Demonstrated compatibility with a wide range of fungicides.

## Mode of Action

### GROUP 21 FUNGICIDE

The Segway active ingredient **cyazofamid** features a novel mode of action that puts it in Fungicide Resistance Action Committee (FRAC) Group 21. This is the only fungicide reported with this mode of action. Cyazofamid works on oomycete fungi via respiratory inhibition at Complex III in the mitochondria. Cyazofamid inhibits Qi (Quinone inside reducing site) of Complex III. Segway is a contact fungicide which possesses translaminar activity, and it stops spores from germinating, inhibiting all stages of Pythium fungal development.

## Maximising performance

- > Fill minimum 50% of the required water into the spray tank, and agitate when adding the required amount of Segway 400 SC Fungicide. Finally add the rest of the required water volume. Keep the spray solution agitated until all product is applied. Never prepare more spray solution than required.
- > When conditions favour disease development, apply consecutive sprays of this product at approximately 21 day intervals.
- > Apply Segway 400SC in a minimum of 400 Litres of water per hectare.
- > Avoid application with spray droplets smaller than a medium spray droplet size
- > Avoid application when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.
- > Don't apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zone of 5m.





## Segway 400 SC Fungicide – Use Rates & Label Recommendations

SITUATION	DISEASES CONTROLLED	RATE	CRITICAL COMMENTS
Turf (golf and bowling greens, other intensively managed turf)	Pythium Leaf Blight Pythium Root Dysfunction ( <i>Pythium</i> spp.)	10mL / 100m <sup>2</sup> (1.0L/ha)	When conditions favour disease development, apply consecutive sprays of this product at approximately 21-day intervals. DO NOT wait for disease to appear. Apply Segway 400 SC Fungicide in 400L to 500L water per hectare. Irrigation following treatment maybe required depending upon location of disease presence.

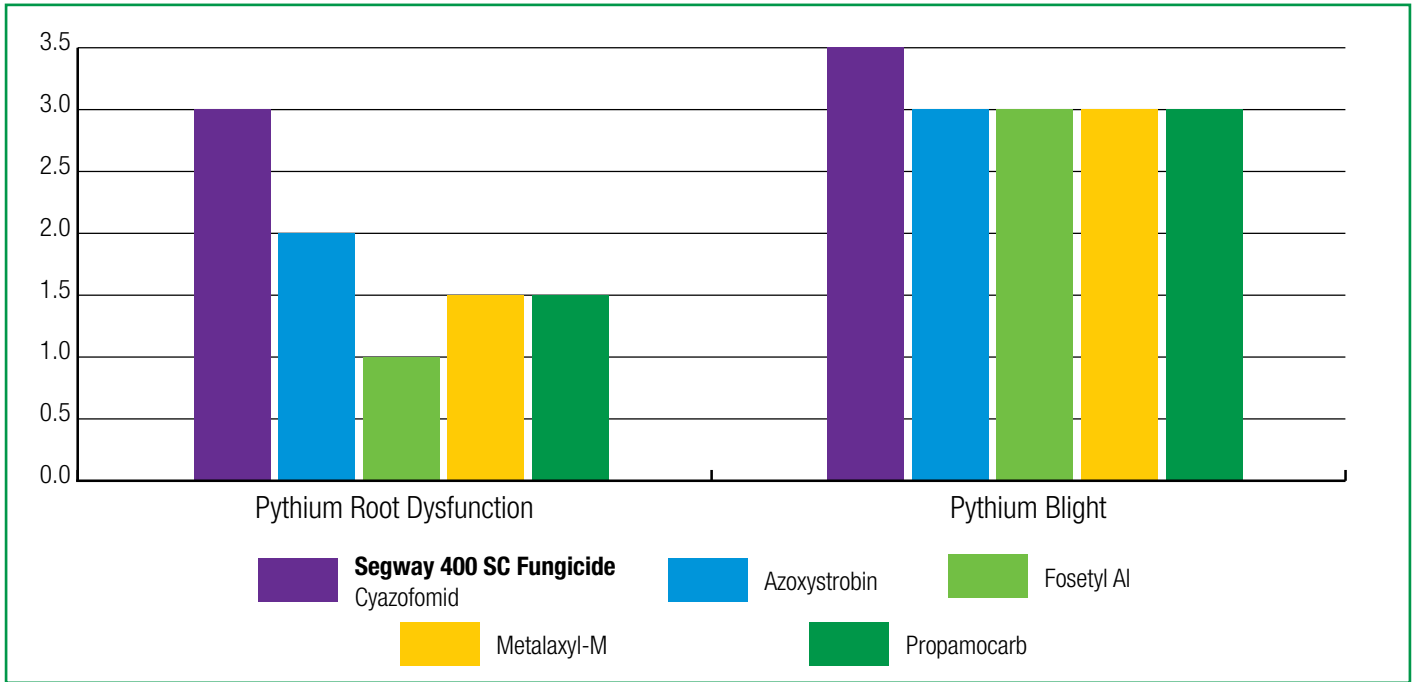


## Pythium Fungicide Control Active Ingredients in the Australian Market

Product Name	Active Ingredient	Application Rate	Mode of Action Group	Systemic OR Contact Activity	Formulation	Registered For				
						Pythium	Damping Off	Leaf Blight	Root Dysfunction	Root Rot
Segway 400 SC Fungicide	Cyazofamid	1.0L/ha (10mL/100m <sup>2</sup> )	21	Contact Translaminar	Suspension Concentrate			●	●	
ProForce Grenadier 800 WG Fungicide	Fosetyl-al	12.5kg/ha (125g /100m <sup>2</sup> )	33	Systemic (up & down)	Wettable Granule	●				
ProForce Pistol 600 SC Fungicide	Thiram	16-20L/ha (160-200mL/100m <sup>2</sup> )	M3	Contact	Suspension Concentrate		●			
ProForce Shrapnel 600 SL Fungicide	Propamocarb	4.5-6.5L/ha (45-65mL/100m <sup>2</sup> )	28	Systemic (upwards)	Soluble Liquid	●	●			
ProForce Solitaire 240 ME Fungicide	Metalaxyl-M (Mefanoxam)	1.75 – 3.5L/ha (17.5-35mL/100m <sup>2</sup> )	4	Systemic (upwards)	Micro-Emulsion		●	●		●
Terrazole 250 WP Fungicide	Etridiazole	10-25kg/ha (100-250g/100m <sup>2</sup> )	14	Systemic (upwards)	Wettable Powder		●			



## Segway 400 SC Performance in USA University Trials



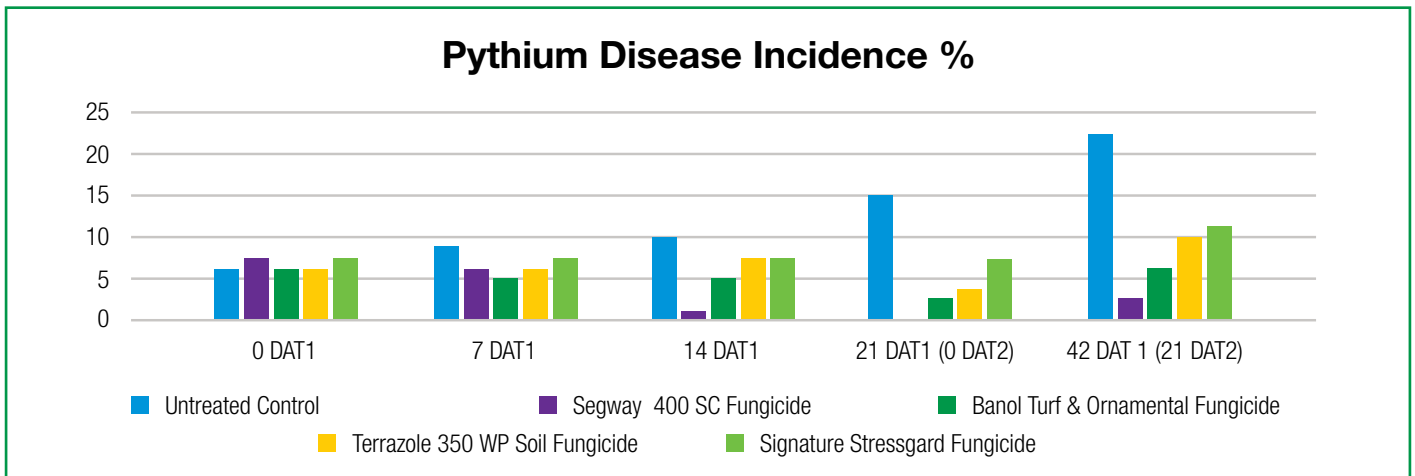
### Rating System for Fungicide Efficacy

- 4 = Consistently good to excellent control. 3 = Good to excellent control in most experiments.
- 2 = Fair to good control in most experiments.
- 1 = Control is inconsistent between experiments but performs well in some instances.
- N = no efficacy. L = Limited Published Data on effectiveness.

**Source:** Chemical Control of Turfgrass Diseases 2020 – University of Kentucky College of Agriculture, Food and Environment Cooperative Extension Service.

## Unparalleled control of Pythium Diseases

In field studies undertaken locally, Segway 400 SC Fungicide consistently proved itself superior and at least equal to industry standard Pythium control options currently available to Australian turf managers.



Manufactured by:

**ISK** ISK Biosciences Oceania Pty Ltd

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Source: ISK Biosciences Oceania