



ADAMA

## Quali-Pro® Compass®

Unique protectant fungicide offering superior residual performance on major foliar diseases, pythium and algae in turf.

### Product overview

Quali-Pro® Compass® is a premium broad-spectrum fungicide containing 500 g/L of the active ingredient Fluazinam. It is registered for major turf foliar diseases such as Anthracnose, Dollar Spot, Grey Leaf Spot and Helminthosporium disease (*Bipolaris* spp. *Drechslera* spp. and *Exserohilum* spp.). More recently, the label of Quali-Pro® Compass® has been extended to include Pythium and Algae. The latter two commonly occur with one or more of the other diseases, which makes Quali-Pro® Compass® a great choice for combating multiple disease issues in turf.

### Mode of action

**GROUP 29 FUNGICIDE**

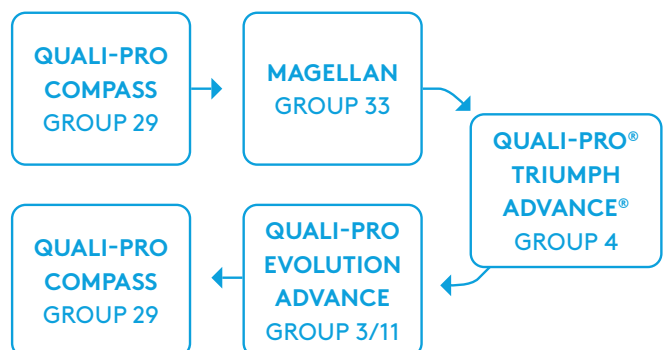
Fluazinam is unique in that it is the only member of the oxidative phosphorylation uncouplers fungicide group (Group 29) registered for turf use in Australia. Quali-Pro® Compass® works by disrupting the energy production in the fungus by restricting ATP production, a key molecule used for production of physiological processes in fungal cells. Fluazinam is a multi-site fungicide, with very low chance of resistance, making Quali-Pro Compass® a great rotational tool.

Quali-Pro® Compass® is a contact only fungicide with minimal uptake into plant tissue. It is well known for having long residual (up to 21 days), exceptional rainfastness, and low rate per ha compared to other multi-site contact fungicides such as chlorothalonil (1-1.5L/ha vs 13-24L/ha for chlorothalonil).

Quali-Pro® Compass® provides excellent control of Dollar Spot that other chemistries fail to have activity on. It is also a solid performer on Grey Leaf Spot - particularly in buffalo turf - which has limited other options for control.

More recently Quali-Pro® Compass® has proven to be very effective on algae. Previous treatment of algae has been with stand-alone products which must be applied on their own. With Quali-Pro® Compass®, treating for algae comes with the added benefit of helping with other diseases as well.

Additionally, Quali-Pro® Compass® has proven to be very efficacious against Pythium. Since Quali-Pro® Compass® is not systemic, placement of the product with correct use of water volume and nozzle size is important. Given there are a number of systemic Pythium products on the market, Quali-Pro® Compass® works well as a preventative program partner.



FUNGICIDE

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## How to get the best results from Quali-Pro® Compass®

Being a suspension concentrate formulation gives Quali-Pro® Compass® great tank mixability – it is commonly mixed with other fungicides, particularly systemic chemistries (e.g. Magellan, Triumph®), to provide outside protection as well as inside curative action. Quali-Pro® Compass® can also be tank-mixed with insecticides (e.g. Quali-Pro® Twister®, Venom®) and growth regulators (e.g. Quali-Pro® Marvel®).

Quali-Pro® Compass® should be applied as a preventative treatment, but does have strong curative action also. For foliar disease applications, use nozzles that produce coarse droplets (e.g. AIXR11004), and an application volume of 400L/ha water. For crown or soil-dwelling diseases such as algae and pythium, it is important to use nozzles that produce extremely coarse droplets (e.g. TTJ10) and an application volume of approximately 800L/ha.

## Use Rates

**Foliar diseases:** Choose the low rate of 1L/ha for preventative application, and 1.5L/ha for curative control of diseases. Apply when conditions are favourable for disease development and make a second application 7-14 days later if conditions continue to favour disease development.

**Crown and soil dwelling diseases:** 1L/ha for preventative or 1.5L/ha for curative application. Apply a minimum of 2 applications 7-14 days apart. Follow each application with 6-10mm irrigation within 1 hour of application.

For all situations avoid mowing or irrigating treated areas until the spray has dried.



FEATURES	BENEFITS
Suspension Concentrate formulation	Easy pouring and mixing
Controls troublesome algae	As opposed to singularly applied algacides, Quali-Pro Compass will also control other diseases present without having to tank mix
Registered for all major foliar diseases	Fewer drums on the shelf
Superior protectant fungicide with long residual	Fewer fungicide applications, especially for virulent diseases such as Pythium
High active ingredient loading.	Lower application rates, smaller packaging, thus less risk of WHS injuries to users, and reduced drum disposal & packaging costs.
Registered for all turf species and situations	Can use on all common varieties, any time of the year



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