

## Summary

- Quad Control Technology
- Patented 4-way fungicide mixture
- Strong eradicant, curative and preventative activity
- Broad Spectrum
- Strong inside - out protection
- Contains Thiophanate methyl - new molecule for the Australian turf industry.

## ADAMA Australia Pty Ltd.

Phone: (02) 9431 7800

Fax: (02) 9431 7700

Level 1, Building B, 207 Pacific Hwy,  
St Leonards NSW 2065 Australia

For more information visit: [adama.com](http://adama.com)



Scan here for all the  
latest information  
and resources for  
Quali-Pro Enclave®



For Customer Enquiries: **1800 4 ADAMA**

® Registered trademarks of an ADAMA Agricultural Solutions Ltd Company \* Registered Trademarks. Please note: This information is not intended to replace the product label. Always read the complete product label appearing on the container before opening or using products.

Updated May 2019

Follow us  



ADAMA

# Quali-Pro<sup>®</sup> Enclave

Quad control technology  
Multi-site protection delivering  
strong eradicant, curative &  
preventative performance.



Simply. Grow. Together.



ADAMA

# Get the effective disease control, resistance management and superior value your turf deserves with one convenient product.

## What is Quali-Pro® Enclave

Enclave is a patented fungicide formulation containing 365 g/L Chlorothalonil, 119 g/L Iprodione, 119 g/L Thiophanate methyl and 36 g/L Tebuconazole.

Enclave Fungicide is registered for the broad spectrum, eradicant, curative and preventative control of Brown Patch, Fusarium Patch, Anthracnose, Dollar Spot, Helminthosporium, Grey leaf Spot and Spring Dead Spot in all recreational turf management situations.

## Mode of action

**GROUP M5 | 2 | 1 | 3 FUNGICIDE**



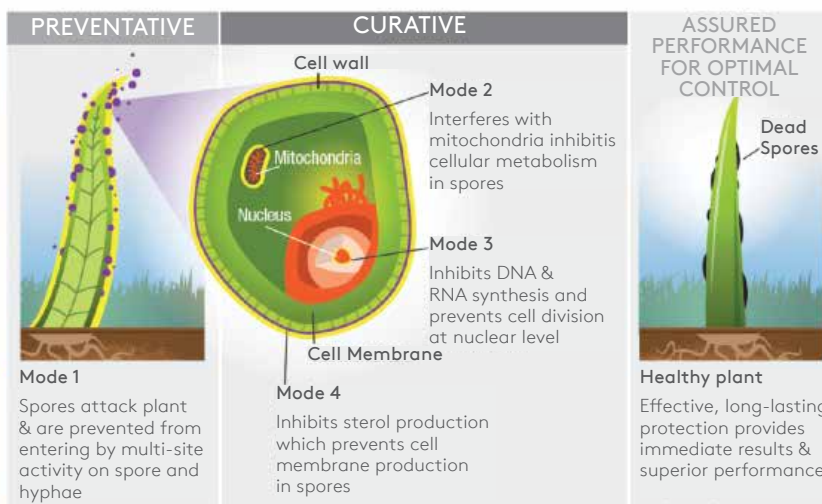
## Quali-Pro Enclave Quad-Control technology

### How it protects the plant

- Typically by coating the plant to prevent disease penetration into the plant.
- Locally penetrates into the plant from the contact site.
- Acropetal movement from the point of contact.
- Systematically upward through the roots.



### How it prevents and controls diseases



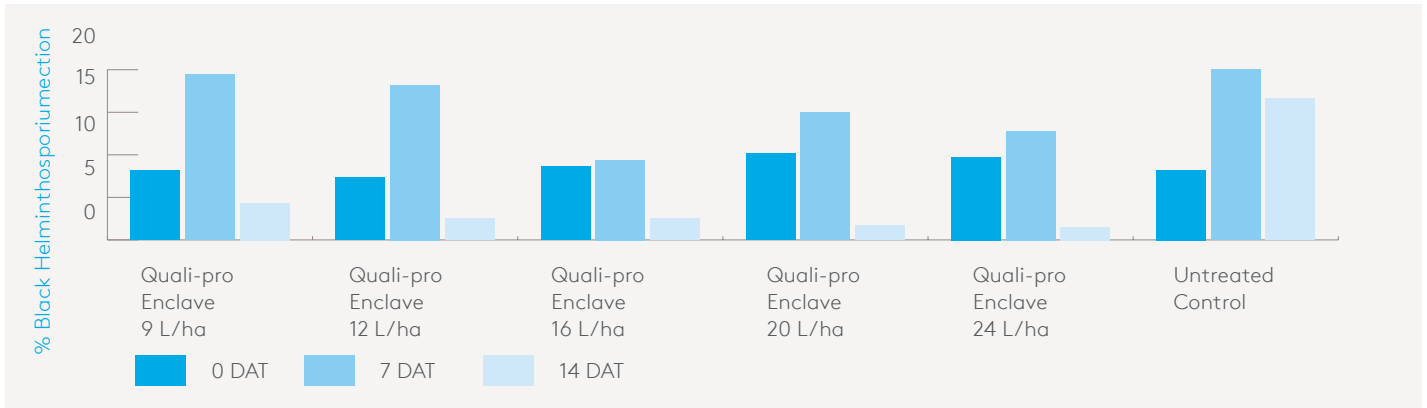
## Features and benefits

- Quad Control Technology – Reliability
- Patented 4-way fungicide mixture
- Strong eradicant, curative and preventative activity
- Broad Spectrum - Registered for the control of 9 causal pathogens
- Strong inside - out protection
- Contains Thiophanate methyl – a new systemic fungicide molecule for the Australian turf industry.
- Non strobilurin based. Can be used in rotation with strobilurin based fungicides, particularly in the summer months
- USA University tested and recognised as being strong on key turf diseases
- Proven plant health benefits – in combination with or without Foursome turf pigment.

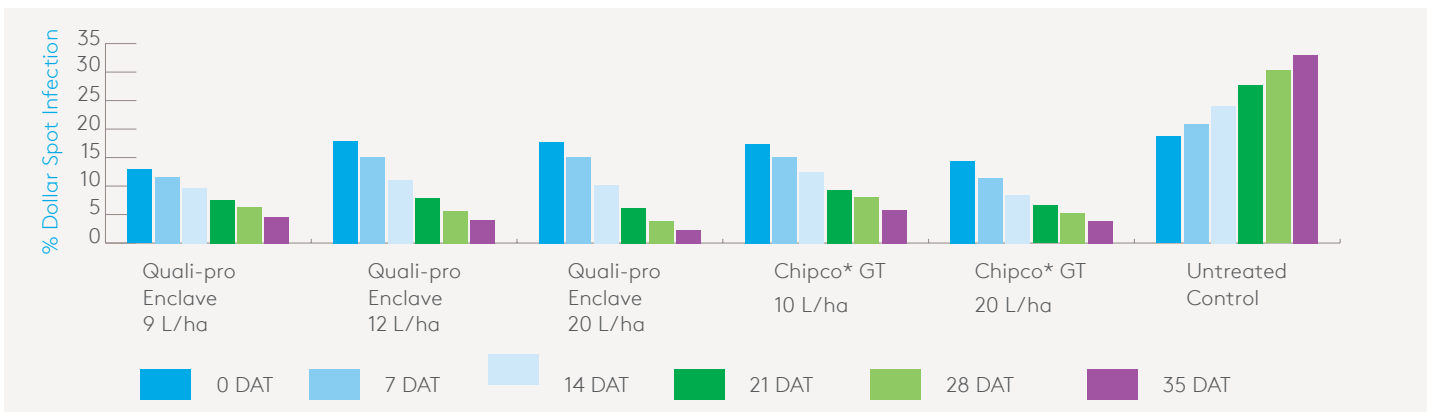


# Eradicant and curative control on some of turf's toughest diseases

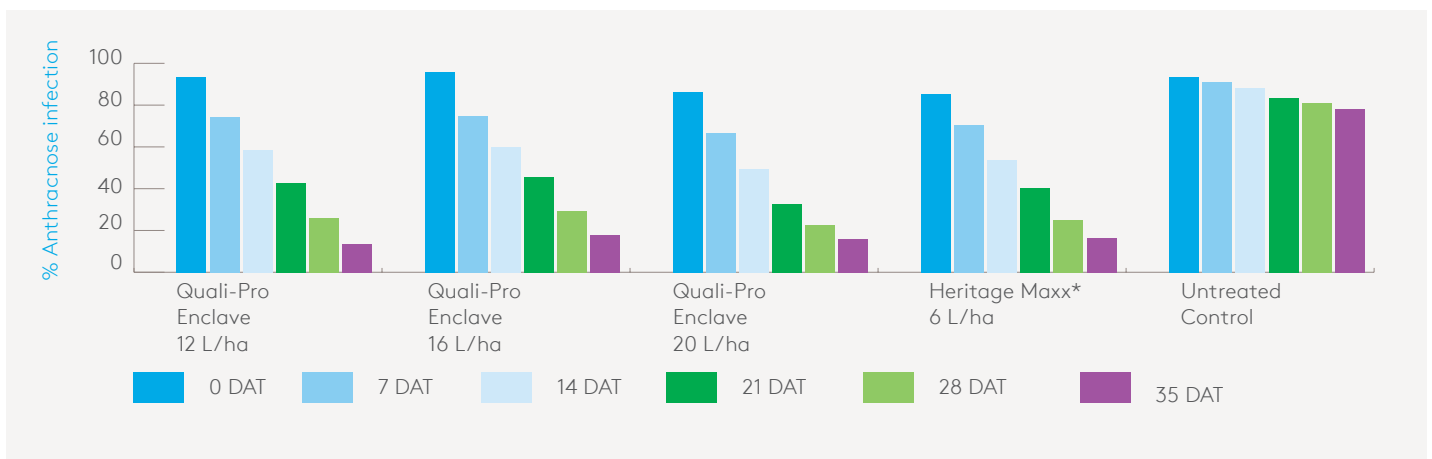
g-Censeo: Black Helminthosporium Incidence post application with Enclave & Chipco GT Fungicides, Dayboro, QLD, 2017



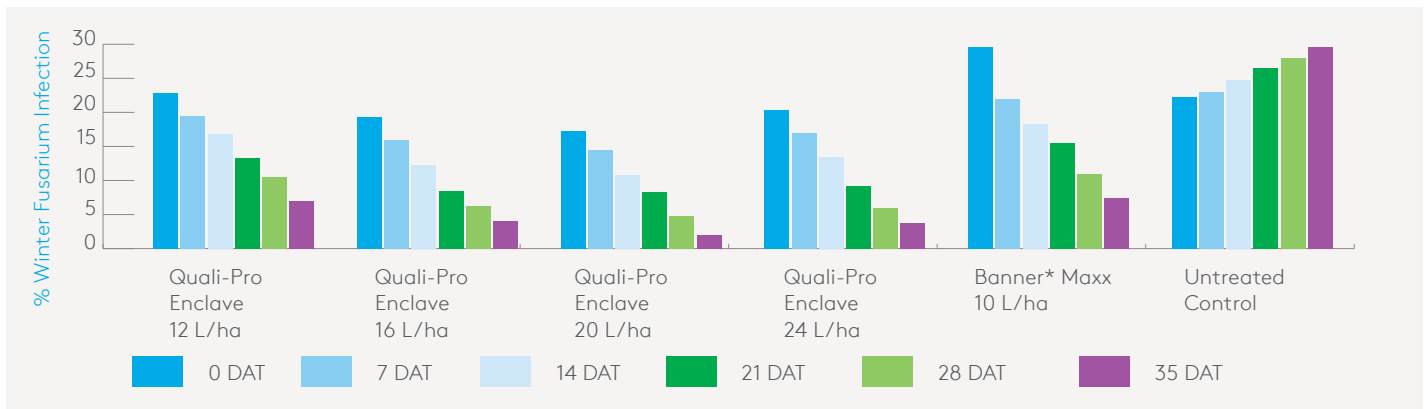
Dollar Spot Incidence post application with Quali-Pro Enclav & Chipco GT Fungicides - Cobbitty, New South Wales, 2016



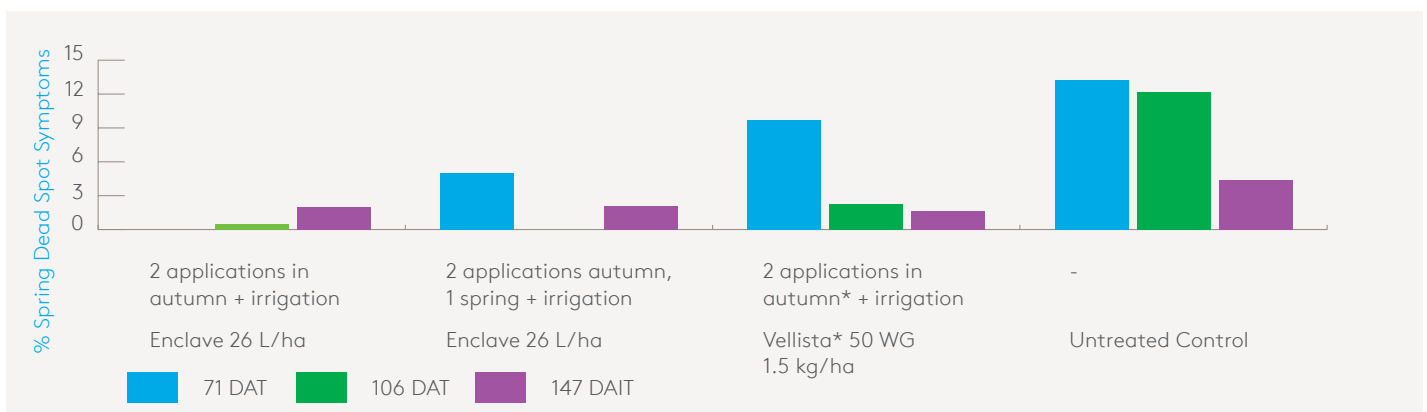
Westgate: Anthracnose Incidence post application with Enclave and Heritage Maxx Fungicides, Canberra, ACT, 2017



Westgate Research: Winter Fusarium Infection post application with Enclave & Banner Max Fungicides, Bankstown, NSW, 2017



Spring Dead Spot Incidence during routine applications of Enclave & Industry Standard Fungicides (currently registered in Australia), Storrs, CT, USA.



Eradicant and curative control on Dollar Spot





## Key diseases controlled



Brown Patch



Dollar Spot



Winter Fusarium Patch



Anthracnose



Black Helminthosporium



Grey Leaf Spot



Spring Dead Spot

## Quali-Pro Enclave Fungicide – Proven Performance in USA University Trials.

| Turf Disease    | University Of Kentucky<br>Rating System For Fungicide Efficacy Of Dmi Fungicides |          |                      |          | Quali-Pro Enclave Interval<br>Between Applications (Days) |
|-----------------|--|----------|----------------------|----------|---|
|                 | Quali-Pro Enclave  | Instrata | Interface Stressgard | Vellista |   |
| Anthracnose     | 3.5  | L        | L                    | 3        | 14 – 28   |
| Winter Fusarium | 4  | 3        | 3.5                  | -        | 28  |
| Brown Patch     | 4  | 2.5      | 3                    | 4        | 14 – 28   |
| Dollar Spot     | 3.5  | 4        | 4                    | 3.5      | 14 – 28   |

### 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. L = Limited Published Data on effectiveness.

Source: Chemical Control of Turfgrass Diseases 2017. University of Kentucky.

## Quali-Pro Enclave Fungicide application rates & diseases controlled

| Situation         | Diseases Controlled  | Rate                                     | Critical Comments  |
|-------------------|--|--|--|
| Recreational Turf | <b>Brown patch</b><br><i>(Rhizoctonia solani)</i>  | 16 - 24 L/ha in 200 - 750 L of water/ha  | <b>Curative program:</b> Repeat treatment after 14 days. Use the higher rate under conditions of severe disease pressure.<br><br><b>For preventative treatment:</b> Apply as a monthly spray program. This use is subject to FRAC antiresistance strategy.<br><br>Do not apply more than 2 consecutive sprays of Quali-Pro Enclave or related fungicides unless tank mixed with a fungicide from a different activity group. |
|                   | <b>Dollar spot</b><br><i>(Sclerotinia homoeocarpa)</i>   |  |  |
|                   | <b>Fusarium patch</b><br><i>(Microdochium nivale)</i>  |  |  |
|                   | <b>Anthracnose</b><br><i>(Colletotrichum spp.)</i>   |  |  |
|                   | <b>Helminthosporium</b><br>Disease affecting leaf, crown and roots:<br>(black and white Helminthosporium spot, <i>Bipolaris</i> spp., <i>Drechslera</i> spp., <i>Exserohilum</i> spp.) |  |  |
|                   | <b>Grey Leaf Spot</b><br><i>(Pyricularia grisea)</i>   |  |  |
|                   | <b>Spring Dead Spot</b><br><i>(Ophiosphaerella narmari)</i>  | 24L/ha in a minimum of 750 L of water/ha | Apply in autumn, after renovation and recovery of active growth. Make a second application 28 days later. For additional protection another application can be applied in early Spring.  |

## Maximising Performance with Quali-Pro Enclave Fungicide

**Foliar and Crown Diseases** (Anthracnose, Brown Patch, Dollar Spot, Red Thread, Helminthosporium Diseases, Leaf Spots): Application volume should be adequate to ensure thorough and even coverage of the turf leaves and penetration into the crowns. Ideal application volumes should be between 250 – 750L/ha. For best results use coarse [Turbo Teejet\* or AIXR Teejet\* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure.

**Root Infecting Diseases** (Brown Patch, Spring Dead Spot): Apply in a minimum of 750 L water/ha using air induction 08 nozzles and irrigate within 1 hour of application to wash the Enclave into the upper root zone.

Do not apply Quali-Pro Enclave through any type of irrigation system or ultra-low volume spray system.

Do not apply on slopes exceeding 5% when treating turf on turf farms.