

Custodia®

A new solution for managing husk spot.

About Custodia

Custodia provides reliable efficacy on husk spot, reducing premature nut abscission and protecting yield potential and quality. It contains 120 g/L azoxystrobin and 200 g/L tebuconazole in a suspension concentrate formulation for improved compatibility and reduced odour.

Two modes of action

Custodia contains two different modes of action for improved disease control and resistance management. Azoxystrobin (Group 11) is a strobilurin fungicide, which inhibits mitochondrial respiration and disrupts energy production in fungi. Tebuconazole (Group 3) is a DMI fungicide, which inhibits ergosterol biosynthesis and cell wall production and mycelial/ hyphal development in fungi. Custodia has excellent protectant activity and targets fungi at different stages of the infection process.

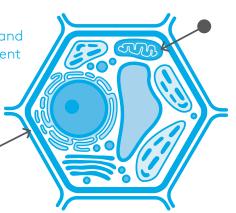
At a glance

Robust protection	Custodia provides reliable efficacy on husk spot, reducing premature nut abscission and protecting yield potential and quality.
Two modes of action	Custodia contains two different modes of action (Group 3 and 11) for improved disease control and resistance management.
Protectant and systemic activity	Custodia has protectant and systemic activity, protecting crops at multiple stages of the fungal infection process.
Unique formulation	Custodia contains 120 g/L azoxystrobin and 200 g/L tebuconazole in a suspension concentrate for improved compatibility and reduced odour.

Tebuconazole

Inhibits ergosterol biosynthesis, disrupting cell wall production and mycelial growth and development in target fungi.

Rapidly absorbed into leaves and green tissue and transported acropetally.



Azoxystrobin

Disrupts respiration and inhibits energy production.

Inhibits spore germination and host penetration during the early stages of fungal vegetative growth.

Extended residual activity on spore germination.

Using Custodia®

Application rate

Apply Custodia at 60 mL/100 L as a dilute application to the point of runoff. For advice on concentrate spraying, please contact your local Adama representative.

Application timing

Apply up to two applications of Custodia as part of a preventative spray program for husk spot commencing at the match head timing. Use Custodia in rotation with other mode of action fungicides on a 14–28 day spray interval. Use the shorter interval under conditions where higher disease pressure is expected.

Withholding period

DO NOT harvest for 15 days after application.

Re-entry interval

Workers may re-enter areas sprayed with Custodia once the spray has dried.

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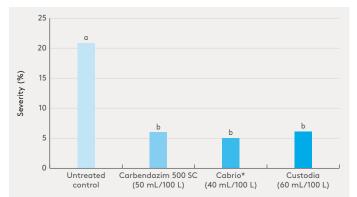


Figure 1: Area under disease progress curve (AUDPC) for husk spot infection in macadamias at Bundaberg in 2016. (Trial number AD-AU-15-F07-1)

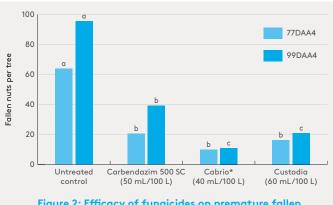


Figure 2: Efficacy of fungicides on premature fallen macadamia nuts at Bundaberg in 2016.



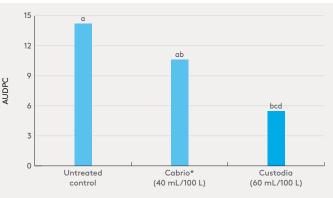


Figure 3: Area under disease progress curve (AUDPC) for husk spot infection in macadamias at Gympie in 2016 after fungicide applications.

(Trial number AD-AU-17-F05-3)



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