



ADAMA

# Custodia®

## Custodia provides Australian almond producers with new chemistry for the broad spectrum control of fungal diseases.

### Now registered for Hull rot

Custodia controls Brown rot/Blossom blight, Rust and Shot-hole and suppresses Hull rot in a single application. It contains 120 g/L azoxystrobin and 200 g/L tebuconazole in a convenient, easy-to-handle suspension concentrate formulation. Custodia is highly compatible with other commonly-used fungicides and insecticides for one-pass control. Custodia provides a cost-effective alternative to the current industry benchmarks used for the control of fungal diseases in almonds.

### Two modes of action

Custodia contains two distinctly different modes of action for improved disease control and resistance management. Azoxystrobin (Group 11) is a member of the strobilurin group of fungicides, which inhibit the mitochondrial respiration of the fungi and disrupts its energy production. Tebuconazole (Group 3) is a member of the DMI group of fungicides, which inhibit the ergosterol biosynthesis and disrupts cell wall production and mycelial/hyphal development. Custodia has excellent protectant and curative activity, providing a broader window of application. Its systemic and translaminar activity rapidly penetrates leaf tissue to reach the site of infection and/or protect new growth after application.

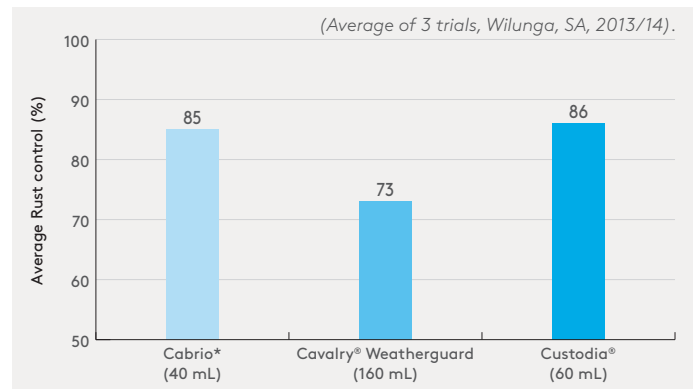


Figure 1: Efficacy on Rust.

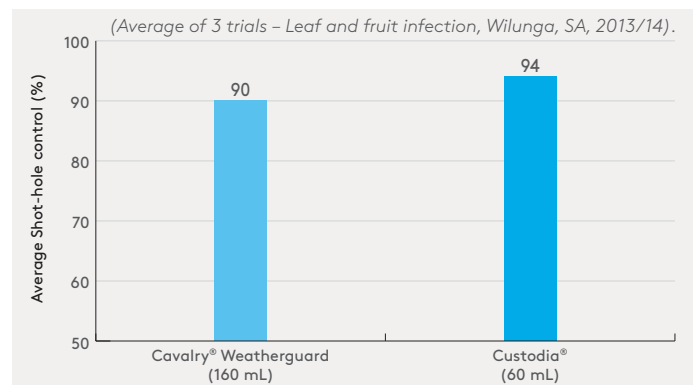


Figure 2: Efficacy on Shot-hole (Leaf and fruit infection).

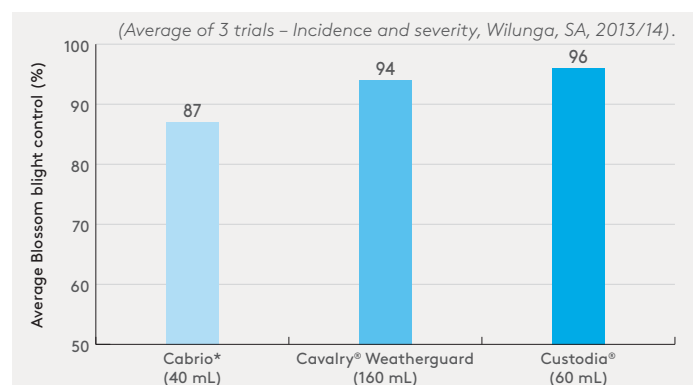


Figure 3: Efficacy on Brown rot/Blossom blight.

# Using Custodia®

## Application rate

**Dilute spraying:** 60 mL/100 L in up to 1600 litres/ha water. If using higher application volumes, dilute accordingly.

**Concentrate spraying:** 1 L/ha. Do not exceed a total use rate of 1 L per ha.

## Blossom blight and Shot-hole

The critical timing for protection against Blossom blight extends from early blossom until shuck fall. Shot-hole is triggered by significant spring rains where disease has been carried over from the previous year. Leaves should be protected from the end of flowering through to hull split. Apply Custodia from early (10%) bloom. Subsequent applications of Custodia and other mode of action fungicides should be applied on a 7–14 day interval, targeting the key growth stages including full bloom, petal fall and shuck fall. Post-shuck fall, apply fungicides registered for control of Shot-hole such as Cavalry® Weatherguard on 14-day spray intervals. Apply as a preventative treatment.

## Rust

Rust infections are triggered by rainfall and can occur throughout the growing season. Commence applications for rust from late flowering and/or when the first new leaves emerge. Apply Custodia prior to disease development and in rotation with fungicides from other mode of action groups, including Groups M2 (e.g. sulphur), M3 (e.g. mancozeb) and M5 (e.g. Cavalry Weatherguard), on a 10–14 day spray interval. Apply up to two applications of Custodia per season as part of a disease management spray program. If consecutive sprays are used, then use the same number of sprays of an alternative group before using another Group 3 or Group 11, including sprays in consecutive seasons.

## Hull rot

When applied as directed, Custodia will reduce the incidence and severity of infected nuts and reduce the incidence of shoot dieback caused by Hull rot infections. Apply a single application of Custodia at early hull split. If a second fungicide application is required, rotate with an alternative registered fungicide after a 10–14 day interval. Ensure thorough coverage of fruit. DO NOT apply past the point of run-off.

## At a glance

<b>Broad spectrum</b>	Custodia controls Brown rot/ Blossom blight, Rust and Shot-hole and suppresses Hull rot in a single application.
<b>Two modes of action</b>	Custodia contains two distinctly different modes of action (Group 3 and 11) for improved disease control and resistance management.
<b>Protective and eradicant action</b>	Custodia has preventative and eradicant action, providing a broader window of application than other commonly-used products.
<b>Systemic and translaminar activity</b>	Custodia rapidly penetrates leaf tissue to reach the site of infection and/or protect new growth after application.
<b>Unique formulation</b>	Custodia contains 120 g/L azoxystrobin and 200 g/L tebuconazole in a suspension concentrate for improved compatibility and no odour.
<b>Suitable for IPM programs</b>	Custodia has negligible effects on beneficial arthropods, including bees, lady beetles and predatory mites.
<b>Value</b>	Custodia provides a cost-effective alternative to the current industry benchmarks used for the control of fungal diseases in almonds.
<b>Australian innovation</b>	Custodia provides Australian almond producers with new chemistry for the control of fungal diseases in almonds.

## Resistance management

The use of Custodia in almonds is subject to a CropLife Fungicide Resistance Management Strategy. For more information, visit [croplife.org.au](http://croplife.org.au).

## Re-entry interval

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

## Withholding period

Not required when used as directed.



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Simply. Grow. Together.

