

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Custodia®

Fungicide

ACTIVE CONSTITUENTS:

200 g/L TEBUCONAZOLE

120 g/L AZOXYSTROBIN

GROUP

3 | 11

FUNGICIDE

Crops: Almonds, Grapevines, Macadamias

Controls/Suppresses: Botrytis bunch rot, Brown rot/
Blossom blight, Downy mildew, Hull rot, Husk spot,
Powdery mildew, Rust, Shot-hole

Formulation type
Suspension
Concentrate



ADAMA

adama.com

CONTENTS: 1 - 1000 L

DIRECTIONS FOR USE RESTRAINTS

DO NOT apply if heavy rain or storms that are likely to cause runoff is forecast within 3 days.
DO NOT apply later than early hull split stage in almonds.
DO NOT apply by aircraft.

SPRAY DRIFT RESTRAINTS

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.
DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are:

1) Date with start and finish times of application; **2)** Location address and paddock(s) sprayed; **3)** Full name of this product; **4)** Amount of product used per hectare and number of hectares applied to; **5)** Crop or situation and pest; **6)** Wind speed and direction during application; **7)** Air temperature and relative humidity during application; **8)** Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; **9)** Name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

MANDATORY NO-SPRAY ZONES

Aquatic Environment

DO NOT apply if there are aquatic or wetland areas including aquaculture ponds downwind from the application area and within the **mandatory no-spray zones** shown in the table below.

No-Spray Zones for Protection of the Aquatic Environment

FOR GROUND APPLICATION	
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone
From 3 to 20 kilometres per hour	5 metres

Table 1. Almonds

DISEASE	RATE	CRITICAL COMMENTS
Brown rot / Blossom blight (<i>Monilinia laxa</i>), Shot-hole (<i>Wilsonomyces carpophilus</i>), Rust (<i>Tranzschelia discolor</i>), Hull rot (<i>Rhizopus</i> and <i>Monilinia</i> spp.) (suppression only)	<p>Dilute spraying: 60 mL/100 L</p> <p>Concentrate spraying: 1 L/ha</p>	<p>Application rate and spray volume: Use the 60 mL/100 L rate in up to 1600 litres/ha water. If using higher application volumes, dilute accordingly. Do not exceed a total use rate of 1 L per ha.</p> <p>Brown rot / Blossom blight and Shot-hole: Brown rot/blossom blight and shot-hole should be managed from budswell using a season-long spray program including fungicides from different mode of action groups. Apply CUSTODIA® from early (10%) bloom. Subsequent applications of CUSTODIA® and other mode of action fungicides should be applied on a 7 to 14 day interval, targeting 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.</p> <p>Rust: Apply up to two applications of CUSTODIA® per season as part of a disease management spray program. 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 on a 10-14 day spray interval.</p> <p>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.</p> <p>This use is subject to a CropLife Fungicide Resistance Management Strategy: Apply CUSTODIA® as part of a season long spray program incorporating fungicides from other mode of action groups. DO NOT apply consecutive applications of Group 11 fungicides (including mixtures containing Group 11 fungicides) on Brown rot/blossom blight, Shot-hole or Rust. DO NOT apply more than three sprays of Group 11 fungicides per season including mixtures containing Group 11 fungicides such as CUSTODIA®. DO NOT apply more than three sprays of Group 3 fungicides per season including mixtures containing Group 3 fungicides such as CUSTODIA®. DO NOT apply more than two consecutive applications of products containing Group 3 fungicides. In mixtures with some other crop protection products there may be a varietal tendency to low levels of phytotoxicity (chlorosis, tip burn).</p>

Table 2. Grapevines

DISEASE	RATE	CRITICAL COMMENTS
Powdery Mildew (<i>Uncinular necator</i>)	Dilute spraying: 65 or 100 mL/ 100 L Concentrate spraying: 1 L/ha	Apply CUSTODIA® as part of a season-long spray program targeting the following growth stages: 1. When shoots are 20 cm long. 2. Pre-flowering. 3. Flowering. 4. After fruit set 5. Before bunches close. Use the lower rate prior to flowering (before E-L 19) or under low disease pressure. Apply the higher rate from the start of flowering (from E-L 19) and under conditions of high disease pressure Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT apply in volumes less than 250 L/ha. DO NOT apply at concentrations greater than 4X maximum label rate. This use is subject to a CropLife Fungicide Resistance Management Strategy: DO NOT apply more than two sprays of CUSTODIA® per season. DO NOT use CUSTODIA® curatively.
Downy Mildew (<i>Plasmopara viticola</i>)	Dilute spraying: 100 mL/100 L Concentrate spraying: 1 L/ha	Apply CUSTODIA® as part of a seasonal preventative spray program commencing when shoots are approximately 20 cm long. Use CUSTODIA® in rotation with other mode of action fungicides on a 7-21 day spray interval. Under conditions of high disease pressure and/or at critical timings i.e. during flowering; ensure that CUSTODIA® is applied in rotation with fungicides from a different mode of action group such as AXIOM® PLUS.
Botrytis Bunch Rot (<i>Botrytis cinerea</i>)		When CUSTODIA® is used in a seasonal spray programme it will provide control of Botrytis additional to that of specific botryticides. Under conditions of high disease pressure, CUSTODIA® should not be used for Botrytis control particularly at critical timings such as 80 to 100% capfall and pre-harvest. This use is subject to a CropLife Fungicide Resistance Management Strategy: Apply CUSTODIA® preventatively. DO NOT apply more than two sprays per season of CUSTODIA® or any other Group 11 fungicide. If three or fewer Botrytis sprays are applied in a season, use no more than one spray of CUSTODIA® during the season. If four or more Botrytis sprays are to be applied in a season, up to two CUSTODIA® sprays can be applied per season.

Table 3. Macadamias

DISEASE	RATE	CRITICAL COMMENTS
Husk spot (<i>Pseudocercospora macadamiae</i>)	60 mL/ 100 L	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. Application of CUSTODIA® with Hastent as per label guidelines can improve husk spot control under conditions of high disease pressure. However, this has not been extensively evaluated and should be checked on a small area prior to commercial use.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

Harvest

ALMONDS:	NOT REQUIRED WHEN USED AS DIRECTED.
GRAPEVINES:	DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
MACADAMIAS:	DO NOT HARVEST FOR 15 DAYS AFTER APPLICATION.

WARNING

- CUSTODIA® is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees.
- AVOID SPRAY DRIFT. DO NOT spray CUSTODIA® where spray drift may reach apple trees.
- DO NOT spray when conditions favour drift beyond the area intended for application. Conditions that may contribute to drift include thermal inversions, excessive wind speed, certain sprayer nozzle/pressure combinations, small spray droplet size etc.
- DO NOT use spray equipment to spray apple trees that has been previously used to apply CUSTODIA®. Even trace amounts can cause unacceptable phytotoxicity.

GENERAL INSTRUCTIONS

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of CUSTODIA® to water in the spray vat while stirring or with agitators in motion. Rinse the empty container with water and add rinsings to spray tank.

APPLICATION

Dilute Spraying

For all crops, use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop canopy size being sprayed. Set up and operate the sprayer to achieve even coverage throughout the canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.

For grapes and almonds, add the amount of product specified in the Directions for Use table for each 100 L of water and modify the concentration of CUSTODIA® in the spray solutions according to the following guidelines:

1. Grapevines: If greater than 1000 L/ha is required to achieve the point of run-off, adjust the amount of product added for each 100 L of water to **ensure that no more than 1.0 L/ha product is applied**.
2. Almonds: If greater than 1600 L/ha is required to achieve the point of run-off, adjust the amount of product added for each 100 L of water to **ensure that no more than 1.0 L/ha product is applied**.

The required dilute spray volume will change, and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying

Use a sprayer designed and set up for the concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate can then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1000 L/ha.
 2. Your chosen concentrate spray volume: For example 500 L/ha.
 3. The concentration factor in this example is: $2x$ (i.e. $1000\text{ L} \div 500\text{ L} = 2$).
 4. If the dilute label rate is 100 mL/100 L, then the concentrate rate becomes 2×100 , that is 200 mL/100 L of concentrate spraying.
- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.

DO NOT use a concentrate rate higher than that specified in the Critical Comments.

For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

FUNGICIDE RESISTANCE WARNING

CUSTODIA® is a member of the DMI and quinone outside inhibitors (Qols) group of fungicides. For fungicide resistance management the product is both a Group 3 and a Group 11 fungicide. Some naturally occurring individual fungi resistant to CUSTODIA® and other Group 3 and/or Group 11 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group 3 and/or Group 11 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from failure of CUSTODIA® to control resistant fungi.

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RE-ENTRY PERIOD

DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes. Avoid contact with eyes. When opening the container, preparing and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. When opening the container and preparing the product for aerial spraying equipment, wear cotton overalls over normal clothing, buttoned to the neck and wrist and elbow-length chemical resistant gloves. When preparing the product and using the prepared product for airblast equipment, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

The above Safety Directions should be combined with the following engineering controls:

- Airblast application MUST BE carried out with enclosed cab equipment.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for CUSTODIA® is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of CUSTODIA® FUNGICIDE being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia, regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

07/2019 21432