

# CAUTION

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

## Custodia® Forte

### Fungicide

#### ACTIVE CONSTITUENTS:

**370 g/L TEBUCONAZOLE**

**222 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 from treated fields are forecast within 3 days.

**DO NOT** apply later than early hull split stage in almonds.

**DO NOT** apply by aircraft.

##### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.apvma.gov.au/spraydrift)

**DO NOT** allow bystanders to come into contact with the spray cloud.

**DO NOT** apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

**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 if there are hazardous surface temperature inversion conditions at the application site during the time of application.

Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

**DO NOT** apply by a boom sprayer.

**DO NOT** apply by a vertical sprayer unless the following requirements are met:

- spray is not directed above the target canopy
- the outside of the sprayer is turned off when turning at the end of the rows and when spraying the outer row on each side of the application site for dilute water rates up to the maximum listed for each type of canopy specified, minimum distance between the application site and downwind sensitive areas (see 'Mandatory buffer zone' section of the following table titled 'Buffer zones for vertical sprayers' are observed.

## Buffer zones for vertical sprayers

Type of target canopy	Mandatory Buffer Zones				
	By stander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
2 metres tall and smaller, maximum dilute water rate of 1000 L/ha	0 metres	5 metres	0 metres	0 metres	0 metres
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 4000 L/ha	0 metres	30 metres	0 metres	0 metres	0 metres
Taller than 2 metres (fully-foliated) maximum dilute water rate of 4000 L/ha	0 metres	20 metres	0 metres	0 metres	0 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)	<b>Dilute spraying:</b> 32 mL/100 L  <b>Concentrate spraying:</b> 540 mL/ha	<b>Application rate and spray volume:</b> Use the 32 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 540 mL per ha. <b>Brown rot / Blossom blight and Shot-hole:</b> 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® FORTE from early (10%) bloom. Subsequent applications of CUSTODIA® FORTE 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. <b>Rust:</b> Apply up to two applications of CUSTODIA® FORTE 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® FORTE prior to disease development and in rotation with fungicides from other mode of action groups on a 10-14 day spray interval. <b>Hull rot:</b> When applied as directed, CUSTODIA® FORTE 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® FORTE 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. <b>This use is subject to a CroLife Fungicide Resistance Management Strategy:</b> Apply CUSTODIA® FORTE 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® FORTE. DO NOT apply more than three sprays of Group 3 fungicides per season including mixtures containing Group 3 fungicides such as CUSTODIA® FORTE. 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).

**Table 2. Grapevines**

DISEASE	RATE	CRITICAL COMMENTS
Powdery Mildew ( <i>Uncinular necator</i> )	<b>Dilute spraying:</b> 35 or 54 mL/ 100 L  <b>Concentrate spraying:</b> 540 mL/ha	Apply CUSTODIA® FORTE 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. <b>This use is subject to a CropLife Fungicide Resistance Management Strategy:</b> DO NOT apply more than two sprays of CUSTODIA® FORTE per season. DO NOT use CUSTODIA® FORTE curatively.
Downy Mildew ( <i>Plasmopara viticola</i> )	<b>Dilute spraying:</b> 54 mL/100 L  <b>Concentrate spraying:</b> 540 mL/ha	Apply CUSTODIA® FORTE as part of a seasonal preventative spray program commencing when shoots are approximately 20 cm long. Use CUSTODIA® FORTE 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® FORTE 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® FORTE 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® FORTE should not be used for Botrytis control particularly at critical timings such as 80 to 100% capfall and pre-harvest. <b>This use is subject to a CropLife Fungicide Resistance Management Strategy:</b> Apply CUSTODIA® FORTE preventatively. DO NOT apply more than two sprays per season of CUSTODIA® FORTE 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® FORTE during the season. If four or more Botrytis sprays are to be applied in a season, up to two CUSTODIA® FORTE sprays can be applied per season.

**Table 3. Macadamias**

DISEASE	RATE	CRITICAL COMMENTS
Husk spot ( <i>Pseudocercospora macadamiae</i> )	32 mL/ 100 L	Apply up to two applications of CUSTODIA® FORTE as part of a preventative spray program for husk spot commencing at the match head timing. Use CUSTODIA® FORTE 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® FORTE 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.**

## GENERAL INSTRUCTIONS

### MIXING

CUSTODIA® FORTE is a suspension concentrate formulation. Ensure that CUSTODIA® FORTE has completely resuspended before measuring to mix. Add the required quantity of CUSTODIA® FORTE 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® FORTE 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 540 mL/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 540 mL/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 54 mL/100 L, then the concentrate rate becomes  $2 \times 54$ , that is 108 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® FORTE is a member of the DMI and quinone outside inhibitors (QoIs) 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® FORTE 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® FORTE to control resistant fungi.

### PRECAUTIONS

#### 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.

### PROTECTIONS

#### WARNING

- CUSTODIA® FORTE 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® FORTE 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® FORTE. Even trace amounts can cause unacceptable phytotoxicity.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate streams, rivers or watercourses with the chemical 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.

### **drumMUSTER containers**

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.

**110 L (Mini-bulk Returnable Container):** DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the container with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, please return the container to the point of purchase. The container remains the property of Adama Australia.

**1000 L:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Adama Australia should be advised immediately. This intermediate bulk container is reusable and remains the property of Adama Australia. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Adama Australia for cleaning, relabelling and refilling.

## 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 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® FORTE is available from adama.com or call Customer Service on 1800 423 262.

**CONDITIONS OF SALE:** The use of CUSTODIA® FORTE 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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† Other registered trademark.

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

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