

CAUTION

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

Veritas[®]

Fungicide

ACTIVE CONSTITUENTS:

200 g/L TEBUCONAZOLE

120 g/L AZOXYSTROBIN

GROUP

3 | 11

FUNGICIDE

Crops: Barley, Canola, Peanuts, Wheat, Winter Pulses

Controls or Suppresses: Foliar diseases as specified in the Directions for Use Table

Formulation type
Suspension
Concentrate



ADAMA

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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.

SPRAY DRIFT RESTRAINTS

DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

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 aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones shown in Tables A - B below.

Table A. No-Spray Zones for Protection of the Aquatic Environment – Barley and Wheat

FOR AERIAL APPLICATION		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	60 metres	20 metres
From 8 to 14 kilometres per hour	60 metres	40 metres
From 14 to 20 kilometres per hour	60 metres	40 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	5 metres	

Table B. No-Spray Zones for Protection of the Aquatic Environment – Canola, Peanuts and Winter Pulses

FOR AERIAL APPLICATION		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	100 metres	80 metres
From 8 to 14 kilometres per hour	100 metres	80 metres
From 14 to 20 kilometres per hour	100 metres	80 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	5 metres	

Table 1. Barley and Wheat

CROP	DISEASE	APPLICATION	RATE/ha	WHP	CRITICAL COMMENTS
Barley	Scald (<i>Rhynchosporium secalis</i>)	Ground Application: Apply in at least 50 L of water/ha	315 mL	6 weeks (H) 2 days (G)	Apply when conditions favour disease development and preferably prior to the development of high levels of disease in the crop. Aim to apply from late tillering to early jointing if disease is present or conditions favour disease development. Regularly monitor the crop from 3 – 4 weeks after application for signs of reinfection.
	Leaf Rust (<i>Puccinia hordei</i>), Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>hordei</i>)	Aerial Application: Apply in at least 10 L of water/ha	315 mL or 630 mL		Apply when conditions favour disease development and preferably prior to the development of high levels of disease in the crop. Aim to apply from late tillering to early jointing if disease is present or conditions favour disease development. Regularly monitor the crop for 3 – 4 weeks after application for signs of reinfection. Use higher rate when longer disease control is required.
	Spot Type and Net Type Net Blotch (<i>Pyrenophora</i> spp.) - Suppression only				
Wheat	Leaf Rust (<i>Puccinia recondita</i>), Septoria Nodorum Blotch (<i>Phaeosphaeria nodorum</i>), Stripe Rust (<i>Puccinia striiformis</i>), Yellow Leaf Spot (<i>Pyrenophora tritici-repentis</i>), Septoria Tritici Blotch (<i>Mycosphaerella graminicola</i>)	Ground Application: Apply in at least 50 L of water/ha Aerial Application: Apply in at least 10 L of water/ha	315 mL or 630 mL		Apply when conditions favour disease development and prior to development of high disease levels in the crop. Aim to apply between stem elongation and early head emergence. Regularly monitor the crop for 3 – 4 weeks post-application. Repeat spraying may be required, particularly if infection occurs early. For repeat spraying, apply no more than twice per season at the lower rate. Use the high rate under higher disease pressure and when longer residual control is required.
	Stem Rust (<i>Puccinia graminis</i>)				Apply when conditions favour disease development or if more than 5% of stems become infected between full flag leaf emergence to late flowering. Apply preferably prior to development of high disease levels in the crop. Regularly monitor the crop after application for signs of reinfection. Where Stem Rust is the major disease yield responses are usually optimised by delaying application until full head emergence and using the higher rate. In severe cases, if a majority of stems are infected prior to full head emergence, apply at 315 mL/ha as soon as possible. If required, apply 315mL/ha again after 3 weeks when heads are fully emerged.

Table 2. Canola

**DO NOT apply more than one application of VERITAS® per season in canola.
DO NOT apply to canola after 50% (full bloom) flowering growth stage.**

CROP	DISEASE	APPLICATION	RATE/ha	WHP	CRITICAL COMMENTS
Canola	Sclerotinia Rot (<i>Sclerotinia sclerotiorum</i>)	Ground Application: Apply in at least 60 – 100 L of water/ha Aerial Application: Apply in at least 20 L of water/ha	1 L	Not required when used as directed (H) 14 days (G)	Apply a single application of VERITAS® between 20% and 50% (full bloom) flowering. Under high disease pressure apply as part of a multiple spray program for sclerotinia in rotation with fungicides from alternative modes of action i.e. Chief® 250, Sporex® or Spiral Aquaflo®. Best results are achieved when VERITAS® is applied as a preventative application prior to significant disease expression and in rotation with a fungicide from an alternate mode of action group. Use a spray volume to ensure good coverage i.e. minimum of 30 L/ha for aerial spraying, or 80 L/ha for ground applications. Higher volumes of 100 – 150 L/ha can improve coverage and efficacy.

Table 3. Winter Pulses

DO NOT apply more than 2 L/ha of VERITAS® per season in winter pulses

CROP	DISEASE	APPLICATION	RATE/ha	WHP	CRITICAL COMMENTS
Chickpeas, Faba Beans and Broad Beans, Field Peas, Lupins, Lentils, Vetch	Botrytis Grey Mould (<i>Botrytis cinerea</i>)	Ground Application: Apply in at least 60 – 100 L of water/ha Aerial Application: Apply in at least 30 L of water/ha	0.75 to 1.0 L	4 weeks (H, G)	VERITAS® can be applied up to two times per season as part of a season long spray program for control of Ascochyta and Botrytis diseases. Fungicide applications should commence at the first sign of disease or if an infection period is forecast, with repeat applications if conditions favour further infection. Use a 14 day spray interval when applying consecutive applications of VERITAS®. Use the higher rate of VERITAS® if conditions favour infection, on a susceptible variety and/or if the crop canopy is dense. Application of VERITAS® in a tank mixture with an approved protectant fungicide i.e. Cavalry®, Mancozeb; can improve disease control, particularly when applying the lower rate of VERITAS®. Resistance Management The use of VERITAS® on Botrytis Grey Mould is subject to a CroPLife Australia resistance management strategy. Refer to the CroPLife website for more information prior to using VERITAS®.
Chickpeas	Ascochyta (<i>Ascochyta rabiei</i>)				
Lentils	Ascochyta (<i>Ascochyta lentis</i>)				
Faba Beans and Broad Beans	Ascochyta Blight (<i>Ascochyta fabae</i>), Chocolate spot (<i>Botrytis fabae</i>)				
Lentils, Vetch	Chocolate spot (<i>Botrytis fabae</i>)				
Faba Beans and Broad Beans	Rust (<i>Uromyces viciae-fabae</i>)				
	Cercospora Leaf Spot (<i>Cercospora zonata</i>)	300 mL		Apply at the first sign of disease or when conditions favour the disease. Apply up to three (3) applications per season on a 14 – 21 day interval. Ensure thorough coverage of all foliage to achieve good control.	

Table 4. Peanuts

CROP	DISEASE	APPLICATION	RATE/ha	WHP	CRITICAL COMMENTS
Peanuts (South Qld, NSW only)	Early Leaf Spot (<i>Cercospora arachidicola</i>), Late Leaf Spot (<i>Cercosporidium personatum</i>), Rust (<i>Puccinia arachidis</i>), Net Blotch (<i>Didymosphaeria arachidicola</i>)	Ground application: apply in at least 100 L of water/ha. Aerial application: apply in at least 30 L of water/ha.	Low rate 380 mL	21 days (H, G)	Regularly monitor crops and apply 1 to 2 applications of VERITAS® from first flowering and before disease is present or when there are low levels of disease in the crop. Use a 10 – 14 day interval between the first two applications, with the shorter interval recommended when conditions are conducive to disease infection. Rate selection Low rate – apply under conditions of low disease. Medium rate – apply prior to or following wet weather. High rate – apply where low disease is present prior to or immediately following wet weather. Resistance Management DO NOT apply more than three (3) VERITAS® applications per crop. DO NOT apply more than 1/3 of the total fungicide sprays per crop as VERITAS®. DO NOT apply more than two (2) consecutive applications of VERITAS®. If two consecutive VERITAS® applications are applied to a crop, they must be followed by at least two applications from an alternative chemical group. Refer to the resistance management guidelines for peanuts in the Fungicide Resistance Warning section of the General Instructions.
			Medium rate 630 mL		
			High rate 950 mL		
Peanuts (North Qld, WA, NT only)	Early Leaf Spot (<i>Cercospora arachidicola</i>), Late Leaf Spot (<i>Cercosporidium personatum</i>), Rust (<i>Puccinia arachidis</i>)	Ground application: apply in at least 100 L of water/ha. Aerial application: apply in at least 30 L of water/ha.	Low rate 500 mL	21 days (H, G)	Begin spraying 3 – 4 weeks after planting. Adjust the rate according to the rate per sprayed hectare if band spraying. DO NOT band spray after 6 weeks from planting. Repeat applications at 10 – 14 day intervals, using the shorter interval when conditions are conducive to disease such as prolonged wet weather. Rate selection Low rate – apply under conditions of low disease. Medium rate – apply prior to or following wet weather. High rate – apply where low disease is present prior to or immediately following wet weather. Resistance Management DO NOT apply more than three (3) VERITAS® applications per crop. DO NOT apply more than 1/3 of the total fungicide sprays per crop as VERITAS®. DO NOT apply more than two consecutive applications of VERITAS®. If two consecutive VERITAS® applications are applied to a crop, they must be followed by at least two applications from an alternative chemical group. Refer to the resistance management guidelines for peanuts in the Fungicide Resistance Warning section of the General Instructions.
			Medium rate 630 mL		
			High rate 950 mL		
	Net Blotch (<i>Didymosphaeria arachidicola</i>)	Ground application: apply in at least 100 L of water/ha. Aerial application: apply in at least 30 L of water/ha.	Medium rate 630 mL High rate 950 mL	21 days (H, G)	Regularly monitor crops and apply 1 to 2 applications of VERITAS® before disease is present or when there are low levels of disease in the crop. Apply at 14 day intervals. If prolonged cool moist weather occurs, shorten spray interval to 10 days and use the higher rate. Resistance Management DO NOT apply more than three (3) VERITAS® applications per crop. DO NOT apply more than 1/3 of the total fungicide sprays per crop as VERITAS®. DO NOT apply more than two (2) consecutive applications of VERITAS®. If two consecutive VERITAS® applications are applied to a crop, they must be followed by at least two applications from an alternative chemical group. Refer to the resistance management guidelines for peanuts in the Fungicide Resistance Warning section of the General Instructions.

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

WITHHOLDING PERIODS

Barley and Wheat

Harvest (H): **DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.**
Grazing (G): **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.**

Canola

Harvest (H): **NOT REQUIRED WHEN USED AS DIRECTED.**
Grazing (G): **DO NOT GRAZE OF CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

Pulses

Harvest (H): **DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.**
Grazing (G): **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.**

Peanuts

Harvest (H): **DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.**
Grazing (G): **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.**

Export Trade Advice

MRLs or import tolerances do not exist in all markets for produce treated with VERITAS®, or livestock that have been grazing on treated crops. If you are growing produce or grazing livestock destined for export, please consult with Adama Australia for the latest information on MRLs and import tolerances before using VERITAS®.

GENERAL INSTRUCTIONS

Foliar Diseases on Wheat and Barley Crops

Do not apply to wheat and barley crops more than once per season (630 mL/ha rate) or more than twice per season (315 mL/ha rate). Treatment will give approximately three weeks disease suppression. Economic responses may not be gained by spraying crops past flowering stage. The effects of fungicide application will not be clearly seen for 7-10 days after application.

Peanuts

Disease control may be reduced if strains of pathogens less sensitive to VERITAS® develop. The following guidelines apply when using VERITAS® in peanuts:

- DO NOT use VERITAS® curatively.
- DO NOT apply more than three applications of VERITAS® per crop.
- DO NOT apply more than 1/3 of the total number of fungicide applications per crop as VERITAS®. For example, if the total number of fungicides applied to the crop is 6, DO NOT apply more than 2 applications of VERITAS® to the crop.
- DO NOT apply more than 2 consecutive applications of VERITAS®.
- If two consecutive VERITAS® applications are applied to a crop, they must be followed by at least two applications from an alternative chemical group.
- DO NOT apply more than 5 DMI sprays per season. VERITAS® contains a DMI fungicide and should be included in the total number of DMI sprays.

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of VERITAS® 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

Apply a medium spray quality by both aerial application and ground equipment.

Aircraft should fly as low as possible under the prevailing conditions to minimise drift. Aerial application MUST BE carried out with closed mixing/loading.

Peanuts

Ground application: apply in spray volumes ranging from 100 to 500 L/ha. Use of hollow cone or flat fan nozzles is recommended.

Aerial application: apply a minimum of 30 L/ha spray volume. Use a higher spray volume of 60 L/ha when applying to dense crops.

FUNGICIDE RESISTANCE WARNING

VERITAS® 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 VERITAS® 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 VERITAS® to control resistant fungi.

WARNING

- VERITAS® is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees.
- AVOID SPRAY DRIFT. DO NOT spray VERITAS® where spray drift may reach apple trees.
- DO NOT use spray equipment to spray apple trees that has been previously used to apply VERITAS®. Even trace amounts can cause unacceptable phytotoxicity.
- 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.

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

1-100 L: 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 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): Store the original sealed container in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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: Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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 spray and using the prepared spray, 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 use for aerial spraying equipment, wear cotton overalls over normal clothing, buttoned to the neck and wrist and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

Re-entry period

Do not allow entry into 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.

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 VERITAS® is available from www.adama.com.

CONDITIONS OF SALE: The use of VERITAS® 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.

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