

CAUTION

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



Veritas[®] Opti

Fungicide

ACTIVE CONSTITUENTS:

370 g/L TEBUCONAZOLE

222 g/L AZOXYSTROBIN

GROUP 3 | 11 FUNGICIDE

Crops: Barley, Canola, Peanuts, Pulses, Wheat

Controls or Suppresses: Ascochyta, Blackleg, Black spot, Botrytis grey mould, Cercospora leaf spot, Chocolate spot, Early leaf spot, Late leaf spot, Leaf rust, Net blotch, Net type net blotch, Powdery mildew, Rust, Scald, Sclerotinia stem rot, Septoria nodorum blotch, Septoria tritici blotch, Spot type net blotch, Stem rust, Stripe rust, Yellow leaf spot

Formulation type
Suspension
Concentrate **SC**



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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 from treated fields are forecast within 3 days.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at 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 tables 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 unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present 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.

GROUND APPLICATION

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

- Spray droplets not smaller than a Medium spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section) are observed.

Table 1: Mandatory downwind buffer zones for ground application

Application rate	Crops	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 340 mL/ha	Barley and Wheat	0 metres	5 metres	0 metres	0 metres	0 metres
Up to 540 mL/ha	Canola, Peanuts and Winter pulses	0 metres	5 metres	0 metres	0 metres	0 metres

AERIAL APPLICATION

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a Medium spray droplet size category.
- For release heights 25% of wingspan or 25% of rotor diameter or lower above the target canopy, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section) are observed.

Table 2: Mandatory downwind buffer zones for aerial application

Application rate	Wind speed	Bystander areas	Natural aquatic areas		Pollinator areas	Vegetation areas	Livestock areas
			Fixed wing	Helicopter			
Barley and Wheat							
Up to 340 mL/ha.	3 to 8 km/hr	0 metres	60 metres	20 metres	0 metres	0 metres	0 metres
	8 to 14 km/hr	0 metres	60 metres	40 metres	0 metres	0 metres	0 metres
	14 to 20 km/hr	0 metres	60 metres	40 metres	0 metres	0 metres	0 metres
Canola, Peanuts and Winter pulses							
Up to 540 mL/ha.	3 to 8 km/hr	0 metres	100 metres	80 metres	0 metres	0 metres	0 metres
	8 to 14 km/hr	0 metres	100 metres	80 metres	0 metres	0 metres	0 metres
	14 to 20 km/hr	0 metres	100 metres	80 metres	0 metres	0 metres	0 metres

Table 1. Barley and Wheat

DO NOT apply more than 340 mL per hectare of VERITAS® OPTI per season in barley and wheat

CROP	DISEASE	RATE/ha	CRITICAL COMMENTS
Barley	Scald	170 mL	Monitor crops from mid-tillering. On susceptible varieties apply from GS 31 or at the first sign of disease development. Monitor and reapply within 14 to 21 days if conditions favour disease development. Apply the high rate for better disease control, longer residual activity and higher yield potential. For repeat spraying, apply VERITAS® OPTI no more than twice per season at the low rate or once per season at the high rate. If monitoring indicates an additional fungicide application is required, apply a fungicide that contains a different mode of action.
	Leaf Rust (<i>Puccinia hordei</i>), Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>hordei</i>)	170 mL to 340 mL	
	Spot Type and Net Type Net Blotch (<i>Pyrenophora</i> spp.)		
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>)		
	Stem Rust (<i>Puccinia graminis</i>)		

Table 2. Canola

DO NOT apply more than 540 mL per hectare of VERITAS® OPTI per season in canola.
DO NOT apply to canola after 50% (full bloom) flowering growth stage.

CROP	DISEASE	RATE/ha	CRITICAL COMMENTS
Canola	Blackleg (<i>Leptosphaeria maculans</i>)	540 mL	<p>For best results, apply VERITAS® OPTI as part of a blackleg management program including crop rotation, tolerant varieties (where available) and fungicide applications from a range of mode of action groups. Always apply VERITAS® OPTI following a blackleg seed treatment or in-furrow fungicide. Additional applications of foliar fungicides from other mode of action groups may also be required to manage blackleg.</p> <p>Seedling infections Management of seedling infections can help reduce lodging and stem canker from blackleg. Apply VERITAS® OPTI at the 4 to 6 leaf or green bud crop stages to blackleg susceptible varieties or in situations of high blackleg risk (refer to General Instructions – Disease control in Canola). Additional fungicide applications may be required after the green bud stage to control aerial infections occurring later in the crop. Refer to the following section for guidelines.</p> <p>Aerial infections Where blackleg is likely to progress up the canopy, an application of VERITAS® OPTI after green bud stage can significantly reduce upper canopy (aerial) infections on flowers, peduncles, upper stems, branches and pods. Apply VERITAS® OPTI up to 50% bloom to reduce aerial blackleg infections. For best results, apply at 20-30% bloom when applying VERITAS® OPTI during flowering. Refer also to General Instructions – Disease control in Canola.</p>
	Sclerotinia Stem Rot (<i>Sclerotinia sclerotiorum</i>)		<p>Apply a single application of VERITAS® OPTI 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 e.g. Chief® Topflo or Sporex®. Best results are achieved when VERITAS® OPTI is applied as a preventative application prior to significant disease expression and in rotation with a fungicide from an alternative mode of action group.</p>

Table 3. Pulses

DO NOT apply more than 1.08 L/ha of VERITAS® OPTI per season in pulses

CROP	DISEASE	RATE/ha	CRITICAL COMMENTS	
Chickpeas, Faba Beans and Broad Beans, Field Peas, Lupins, Lentils, Vetch	Botrytis Grey Mould (<i>Botrytis cinerea</i>)	400 mL to 540 mL	<p>VERITAS® OPTI can be applied up to two times per season as part of a season long preventative 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® OPTI. Use the higher rate of VERITAS® OPTI if conditions favour infection, on a susceptible variety and/or if the crop canopy is dense.</p>	
	Chickpeas		Application of VERITAS® OPTI 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® OPTI.	
	Lentils		If conditions are conducive to further disease infection, additional applications of fungicides from other mode of action groups may be required.	
	Faba Beans and Broad Beans	Ascochyta Blight (<i>Ascochyta fabae</i>), Chocolate spot (<i>Botrytis fabae</i>)		Resistance Management The use of VERITAS® OPTI 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® OPTI.
	Lentils, Vetch	Chocolate spot (<i>Botrytis fabae</i>)		
	Field peas	Black spot (<i>Ascochyta pisi</i>)		
Faba Beans and Broad Beans	Rust (<i>Uromyces viciae-fabae</i>)	160 mL	Apply at the first sign of disease or when conditions favour the disease. Apply up to three applications per season on a 14 to 21 day interval. Ensure thorough coverage of all foliage to achieve good control.	
	Cercospora Leaf Spot (<i>Cercospora zonata</i>)			
Adzuki Beans, Mung Beans, Navy beans	Powdery Mildew (<i>Erysiphe polygoni</i> or <i>Podosphaera xanthii</i>)	160 mL to 320 mL	<p>Apply at the first sign of disease or when conditions favour disease development. Use the higher rate of VERITAS® OPTI if conditions favour infection and/or if the crop canopy is dense.</p> <p>Apply up to three applications per season on a 10 to 14 day interval. Ensure thorough coverage of all foliage to achieve good control.</p> <p>Adjuvant Always apply VERITAS® OPTI in adzuki beans, mung beans and navy beans with a non-ionic surfactant e.g. Wetspray 1000 at 100 mL/100 L.</p>	

Table 4. Peanuts

CROP	DISEASE	RATE/ha	CRITICAL COMMENTS
Peanuts	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>)	Low rate 210 to 270 mL	Apply up to three applications of VERITAS® OPTI per crop as part of a season long spray program for disease management.
		Medium rate 340 mL	Southern Qld, NSW: Regularly monitor crops and apply 1 to 2 applications of VERITAS® OPTI from first flowering and before disease is present or when there are low levels of disease in the crop. Use a 10 to 14 day interval between the first two applications, with the shorter interval recommended when conditions are conducive to disease infection.
		High rate 500 mL	North Qld, WA, NT: Begin spraying 3 to 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 on 10 to 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. DO NOT apply the low rate for the control of Net Blotch in North Qld, WA or the NT as results may not be satisfactory due to higher disease pressure. Resistance Management Use of VERITAS® OPTI in peanuts is subject to a Croplife Australia fungicide resistance management strategy. Refer to the Croplife Australia website for current guidelines prior to using VERITAS® OPTI.

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

WITHHOLDING PERIODS

Barley, Wheat

Harvest: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.

Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

Canola

Harvest: NOT REQUIRED WHEN USED AS DIRECTED.

Grazing: DO NOT GRAZE OF CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

Peanuts

Harvest: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

Pulses

Harvest: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

Export Trade Advice

MRLs or import tolerances do not exist in all markets for produce treated with VERITAS® OPTI, 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® OPTI.

GENERAL INSTRUCTIONS

Foliar Diseases on Wheat and Barley Crops

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 at least 7-10 days after application.

Disease control in canola

Blackleg

Higher blackleg risk can be expected in higher rainfall districts (above 500 mm annual rainfall), where crops are grown within 500 m of a previous year's stubble and in later sown crops (May to August). Other factors will also increase the risk of blackleg infection, including the intensity of canola cropping in a district, rainfall before sowing and the frequency of growing the same canola cultivar. Consult industry guidelines for more detailed assessment of blackleg risk in specific situations.

Sclerotinia

VERITAS[®] OPTI is most effective when application is made prior to conditions conducive to sclerotinia infection. Infection and disease development are most conducive in warmer winter or spring conditions with extended periods of leaf wetness due to rainfall, dew and high humidity. Sclerotinia is most likely to develop where day temperatures are warmer coinciding with a saturated soil profile and rainfall events. Refer also to industry guidelines for advice on conditions under which sclerotinia are most likely to develop.

Control of sclerotinia stem rot is more effective in crops which have uniform flowering. Uneven flowering (e.g. caused by staggered germinations) makes optimum spray timing difficult and two sprays may be required in these crops. Generally, an application of VERITAS[®] OPTI at 20 to 30% flowering will control sclerotinia in crops with a short flowering interval. Crops with an extended flowering period may require a second application with an alternative registered sclerotinia fungicide up to 50% flowering (fullbloom) to adequately control sclerotinia if conditions late in the season are conducive to development of disease.

Length of protection may be reduced in bulky crops where coverage is difficult and where there is growth dilution of the fungicide. For optimum protection, application should be directed to obtain coverage on petals, leaves and stems.

MIXING

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

In each situation, use a spray volume to ensure good coverage for the canopy size and crop growth stage. Where a spray volume range is recommended, use the higher volume in the range to improve coverage and efficacy, particularly at later growth stages and with dense crop canopies.

Ground

Barley, canola, pulses and wheat: Apply product using a spray volume of 70 to 100 L/ha and a MEDIUM spray quality. Peanuts: Apply in spray volumes ranging from 100 to 500 L/ha. Use of hollow cone or flat fan nozzles is recommended.

Aerial

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

Barley, canola, pulses and wheat: Apply product using a minimum spray volume of 20 L/ha and a MEDIUM spray quality. Peanuts: 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[®] OPTI is a member of the DMI and Quinone outside Inhibitors

GROUP	3 11	FUNGICIDE
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 (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[®] OPTI 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[®] OPTI to control resistant fungi.

Refer to the Croplife Australia website for current resistance management guidelines prior to use of VERITAS[®] OPTI.

WARNING

- **VERITAS[®] OPTI 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[®] OPTI where spray drift may reach apple trees.**
- **DO NOT use spray equipment to spray apple trees that has been previously used to apply VERITAS[®] OPTI. 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.**

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.

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.

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® OPTI is available from www.adama.com.

CONDITIONS OF SALE: The use of VERITAS® OPTI 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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