

# CAUTION

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



## Maxentis<sup>®</sup> Opti

Fungicide

### ACTIVE CONSTITUENTS:

**200 g/L AZOXYSTROBIN**

**150 g/L PROTHIOCONAZOLE**

GROUP **3 | 11** FUNGICIDE

Crops: Barley, Canola and Wheat

Controls: Net form net blotch, Scald, Sclerotinia stem rot,  
Septoria tritici blotch, Spot form net blotch as per the  
Directions for Use



## ADAMA

Formulation type  
Suspension  
Concentrate



adama.com

CONTENTS: 1 L - 1000 L

### DIRECTIONS FOR USE

#### RESTRAINTS

A maximum of two applications may be made per cereal crop.  
A maximum of one application may be made per canola crop.  
DO NOT apply if heavy rains or storms are forecast within 3 days.  
DO NOT irrigate to the point of field runoff for at least 3 days after application.

#### SPRAY DRIFT RESTRAINTS

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

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

- Spray droplets are not smaller than a MEDIUM spray droplet size category
- Minimum distances between the application site and downwind sensitive areas are observed (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers').

### Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zone			
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas
Up to 400 mL/ha	0.5 m or lower	0 metres	0 metres	0 metres	0 metres
	1.0 m or lower		15 metres		
Up to 600 mL/ha	0.5 m or lower		0 metres		
	1.0 m or lower		20 metres		

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

- Spray droplets are not smaller than a MEDIUM spray droplet size category.
- For maximum release heights above the target canopy of 3 m or 25% of wingspan or 25% of rotor diameter whichever is greatest, the minimum distances between the application site and downwind sensitive areas are observed (see the following table titled 'Buffer zones for aircraft').

### Buffer zones for aircraft

Application rate	Type of aircraft	Mandatory downwind buffer zone			
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas
Up to 400 mL/ha	Fixed-wing	0 metres	65 metres	0 metres	10 metres
	Helicopter		55 metres		15 metres
Up to 600 mL/ha	Fixed-wing		90 metres		15 metres
	Helicopter		70 metres		20 metres

CROP	DISEASE/ DISORDER	RATE/ha	CRITICAL COMMENTS
Barley	Net form net blotch ( <i>Pyrenophora teres</i> f. <i>teres</i> ), Scald ( <i>Rhynchosporium secalis</i> ), Spot form net blotch ( <i>Pyrenophora teres</i> f. <i>maculata</i> )	200 to 400 mL	<b>Application timing</b> Monitor crops from mid-tillering. On susceptible varieties apply at GS 31 or at the first sign of disease development. Monitor and reapply within 14 to 21 days if conditions favour disease development. If monitoring indicates an additional fungicide application is required, apply a fungicide that contains a different mode of action. This use is subject to CropLife's Fungicide Resistance Management Strategies. Refer to the CropLife Australia website for current resistance management guidelines prior to using MAXENTIS® OPTI.
Wheat	Septoria tritici blotch ( <i>Zymoseptoria tritici</i> )		<b>Rate selection</b> Apply higher rates for better disease control, longer residual activity and higher yield potential.
Canola	Sclerotinia stem rot ( <i>Sclerotinia sclerotiorum</i> )	500 to 600 mL	Apply a single application of MAXENTIS® 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. For best results apply as a preventative application at 20-30% flowering prior to significant disease expression and in rotation with a fungicide from an alternative mode of action group. (refer to General Instructions – Disease control in Canola). Good coverage throughout the entire canopy is essential. Using a higher water rate i.e., 100 L/ha for ground application and 30 L/ha for aerial application; will improve spray coverage.

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

### WITHHOLDING PERIODS:

#### Harvest

**CANOLA**  
**CEREALS** NOT REQUIRED WHEN USED AS DIRECTED  
DO NOT HARVEST FOR 35 DAYS AFTER APPLICATION

#### Grazing

**CANOLA**  
**CEREALS** DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION  
DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION

### Export Trade Advice

Growers should note that MRLs or import tolerances do not exist in all markets for produce treated with MAXENTIS® OPTI Fungicide. If you are growing produce for export, please check with Adama Australia for the latest information on MRLs and import tolerances before using MAXENTIS® OPTI Fungicide.

## GENERAL INSTRUCTIONS

### Foliar diseases on cereal crops

Monitor the crop regularly for symptoms of disease. Generally, spray at the first sign of disease, although this will depend on factors such as expected weather conditions and the particular crop variety resistance. Refer to Directions for Use for specific disease recommendations. Up to two sprays of MAXENTIS® OPTI may be applied per season to the crop. Ensure good coverage of all susceptible plant parts.

### Disease control in canola

#### Sclerotinia

MAXENTIS® 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 a 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, a single application of MAXENTIS® 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 of a registered sclerotinia fungicide with an alternate mode of action prior to 50% flowering (full-bloom) 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

Two thirds fill the spray tank with clean water, and with the agitator operating, add the required quantity of MAXENTIS® OPTI (Suspension concentrate) and compatible products in the correct mixing order. Top up the spray tank to the required volume with clean water with the agitator running. Maintain agitation while spraying. Apply within 5 hours of mixing in the spray tank. Do not allow MAXENTIS® OPTI to stand for prolonged periods before using.

### Application

#### Ground

Apply MAXENTIS® OPTI using a spray volume of 70 to 100 L/ha and a MEDIUM spray droplet size category. Use the higher water volume to improve spray coverage.

#### Aerial

Apply MAXENTIS® OPTI using a minimum spray volume of 20 L/ha and a MEDIUM spray droplet size category. Increasing the water volume to at least 30 L/ha will improve spray coverage.

### Compatibility

For information on compatibility please contact Adama Australia.

## FUNGICIDE RESISTANCE WARNING

MAXENTIS® OPTI is a member of the DMI and Quinone outside

GROUP

3

11

FUNGICIDE

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 MAXENTIS® 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 MAXENTIS® OPTI to control resistant fungi.

**The application of MAXENTIS® OPTI is subject to fungicide resistance management guidelines. Prior to use, refer to the CropLife Australia website for current fungicide resistance management strategies for each crop and disease.**

## PRECAUTION

### 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 CROPS, NATIVE AND OTHER NON-TARGET PLANTS

### WARNING:

- **MAXENTIS® OPTI is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees.**
- **DO NOT spray MAXENTIS® OPTI where spray drift may reach apple trees.**
- **DO NOT use spray equipment to spray apple trees that has been previously used to apply MAXENTIS® OPTI. 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. 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 recycling 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.

Refillable Containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS**

Harmful if inhaled or swallowed. Repeated exposure may cause allergic disorders. Do not inhale spray mist. When opening the container and preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). 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 13 11 26.

**ADDITIONAL USER SAFETY INFORMATION**

**WARNING: May cause birth defects.**

**SAFETY DATA SHEET**

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

**CONDITIONS OF SALE:** The use of MAXENTIS® OPTI FUNGICIDE being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia Pty. Ltd., 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 Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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