



Zetigo™ PRM Fungicide

Adavelt™ active

GROUP	11	21	FUNGICIDES
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Zetigo™ PRM Fungicide controls or suppresses a broad-spectrum of diseases in pulses, canola and cereals.

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENTS: Florylpicoxamid 50 g/L
 Pyraclostrobin100 g/L

Emulsifiable Concentrate

REGISTRATION NO. 34701 PEST CONTROL PRODUCTS ACT

POISON



WARNING

EYE AND SKIN IRRITANT

NET CONTENTS: 0.5 L - bulk

Corteva Agriscience Canada Company

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Calgary, Alberta

T2C 5G9

1-800-667-3852

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PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Keep unused product in original container tightly closed, locked up and away from food and feed.

Harmful or Fatal if swallowed. May irritate eyes and skin. Avoid contact with eyes and skin.

DO NOT enter or allow worker entry into treated areas during a restricted-entry interval (REI) of 12 hours.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

PROTECTIVE CLOTHING AND EQUIPMENT

Application with Ground or Aerial Equipment

- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or faceshield) during mixing, loading, clean-up and repair. Rinse gloves before removal. Gloves are not required during application within a closed cab and/or cockpit.
- **DO NOT** allow the pilot to mix chemicals to be loaded onto the aircraft. The pilot is allowed to load premixed chemicals with a closed system.
- It is desirable that the pilot have communication capabilities at each treatment site at the time of application.
- All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.
- Wear freshly laundered clothing and clean protective equipment daily.
- Wash hands with soap and water before eating, drinking, using tobacco or using the toilet.
- If fungicide penetrates clothing, remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.
- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower immediately using soap and water.

FIRST AID

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. Treat symptomatically.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with moderate to steep slope, compacted soil, or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

STORAGE

Store this product away from food or feed. Store in original containers in a secure, dry heated storage. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

DISPOSAL

Recyclable Containers

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

Returnable Containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

PRODUCT INFORMATION

Zetigo PRM Fungicide is for use in pulses (lentils, field peas, chickpeas, faba bean), canola, wheat and barley. Zetigo PRM Fungicide is quickly absorbed into plant tissue and is locally systemic with translaminar movement.

Zetigo PRM Fungicide should be included in a protective spray program and used in a rotation program with other fungicides.

DIRECTIONS FOR USE

- As this product is not registered for the control of pests in aquatic systems DO NOT use to control aquatic pests.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- Apply Zetigo PRM in a uniform spray with ground or aerial application equipment (see Application Directions sections).
- Good spray coverage and canopy penetration are important for best results.
- Do not apply through any type of irrigation system.
- Under certain environmental conditions (high humidity, low temperatures), crop response can be present in the form of chlorosis (yellowing) of contact foliage or bleaching (spots) of leaves; the crop response is transient and will not have an impact on maturity or yield.
- Where there is overlap spray in the field crop response can occur.

GENERAL INFORMATION

GENERAL USE PRECAUTIONS

READ THE ENTIRE LABEL BEFORE USE. All applications must be made according to the use directions that follow.

APPLICATION DIRECTIONS (GROUND AND AERIAL APPLICATIONS)

(1) Ground Application

Using ground equipment, apply Zetigo PRM Fungicide as a broadcast treatment in a minimum spray volume of minimum 100 L water/ha, unless otherwise stated in use directions.

Field sprayer application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

(2) Aerial Application (FOR CEREALS ONLY)

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Zetigo PRM Fungicide alone or tank mixed with a product registered for aerial application as a broadcast treatment. Apply Zetigo PRM Fungicide alone at the recommended rates in a spray volume of minimum 50 L water/ha. Refer to the tank mix partner label for additional instructions, precautions and weeds controlled.

Aerial Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3852 or obtain technical advice from the distributor or your provincial agricultural representative.

The following drift management requirement must be followed to avoid off-target drift movement from aerial applications: Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Mixing Instructions

1. Clean spray tank following sprayer clean-up recommendations on the label of the product applied previously.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of Zetigo PRM Fungicide to the tank and agitate to ensure complete mixing.
4. Continue agitation while filling the remainder of the spray tank with water.
5. After any break in spraying operations, agitate thoroughly before spraying again.
6. Spray the pesticide suspension the same day as mixing.
7. After use, clean the spray tank.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Methods of application	Crops		Spray Buffer Zones (metres) Required for the Protection of:			
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:	
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	All labelled crops		15	2	1	1
Aerial	Wheat (durum, spring, winter) and barley	Fixed wing	725	20	5	1
		Rotary wing	400	15	5	1

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

USE DIRECTIONS

CROPS REGISTERED AND DISEASES CONTROLLED/SUPPRESSED

Crop Group	Crop	Disease
Legume vegetables (dried)	Lentils	Control of: Anthrachnose (<i>Colletotrichum truncatum</i>) Ascochyta blight (<i>Ascochyta fabae f. sp. Lentis</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>) Suppression of: White mould (<i>Sclerotinia sclerotiorum</i>)
	Chickpeas	Control of: Ascochyta blight (<i>Ascochyta rabiei</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>) Suppression of: White mould (<i>Sclerotinia sclerotiorum</i>)
	Field Peas	Control of: Anthrachnose (<i>Colletotrichum truncatum</i>) Ascochyta/Mycosphaerella blight (<i>Mycosphaerella pinodes</i> , <i>Ascochyta pisi</i> and <i>Phoma medicaginis</i>) Powdery mildew (<i>Erysiphe pisi</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>) Suppression of: White mould (<i>Sclerotinia sclerotiorum</i>)
	Faba beans	Control of: Chocolate spot (<i>Botrytis cinerea</i>) Suppression of: White mould (<i>Sclerotinia sclerotiorum</i>)

Oilseed	Canola	Control of: Blackleg (<i>Leptosphaeria maculans</i>) Alternaria leaf spot or black spot (<i>Alternaria brassicae</i>) Suppression of: Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)
Cereals	Wheat	Control of: Stripe rust or yellow rust (<i>Puccinia striiformis</i>) Brown rust/ Leaf rust (<i>Puccinia triticina</i>) Septoria leaf spot (<i>Septoria tritici</i> or <i>Leptosphaeria nodorum</i>) Tan spot (<i>Pyrenophora tritici-repentis</i>)
	Barley	Control of: Net blotch (<i>Pyrenophora teres</i>) Scald (<i>Rhynchosporium secalis</i>)

PULSE CROPS: CHICKPEAS, FIELD PEAS AND LENTILS

Crop	Chickpeas
Disease controlled	Ascochyta blight (<i>Ascochyta rabiei</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>)
Disease suppressed	White mould (<i>Sclerotinia sclerotiorum</i>)
Rate	0.8 – 1 L/ha
Application timing The first application must be applied before disease is established and no later than the onset of flowering, whichever comes first. A second application with an alternate fungicide can be made 10-14 days after the first application, when disease pressure is severe or when agronomic or weather conditions are conducive to disease development or movement. Within the rate range, use the higher rate under conditions conducive to high disease pressure.	
Restrictions Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 150 L/ha for ground application. Good spray coverage and canopy penetration are important for best results. Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.	
Pre-Harvest Interval	30 days. Apply no later than early fruit development (BBCH 71 – 72)

Crop	Field peas
Disease controlled	Anthrachnose (<i>Colletotrichum truncatum</i>) Ascochyta/Mycosphaerella blight (<i>Mycosphaerella pinodes</i> , <i>Ascochyta pisi</i> and <i>Phoma medicaginis</i>) Powdery mildew (<i>Erysiphe pisi</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>)
Disease suppressed	White mould (<i>Sclerotinia sclerotiorum</i>)
Rate	0.8 – 1 L/ha

Application timing

The first application must be applied before disease is established and no later than the onset of flowering, whichever comes first. A second application with an alternate fungicide can be made 10-14 days after the first application, when disease pressure is severe or when agronomic or weather conditions are conducive to disease development or movement. Within the rate range, use the higher rate under conditions conducive to high disease pressure.

Restrictions

Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 150 L/ha for ground application. Good spray coverage and canopy penetration are important for best results.

Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.

Pre-Harvest Interval	30 days. Apply no later than early fruit development (BBCH 71 – 72)
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Crop	Lentils
Diseases controlled	Anthrachnose (<i>Colletotrichum truncatum</i>) Ascochyta blight (<i>Ascochyta fabae</i> f. sp. <i>Lentis</i>) Botrytis Grey mould (<i>Botrytis cinerea</i>)
Disease suppressed	White mould (<i>Sclerotinia sclerotiorum</i>)
Rate	0.8 – 1 L/ha

Application timing

The first application must be applied before disease is established and no later than the onset of flowering, whichever comes first. A second application with an alternate fungicide can be made 10-14 days after the first application, when disease pressure is severe or when agronomic or weather conditions are conducive to disease development or movement. Within the rate range, use the higher rate under conditions conducive to high disease pressure.

Restrictions

Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 150 L/ha for ground application. Good spray coverage and canopy penetration are important for best results.

Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.

Pre-Harvest Interval	30 days. Apply no later than early fruit development (BBCH 71 – 72)
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Crop	Faba beans
Disease controlled	Chocolate spot (<i>Botrytis cinerea</i>)
Disease suppressed	White mould (<i>Sclerotinia sclerotiorum</i>)
Rate	0.8 – 1 L/ha

Application timing

Apply at first sign of disease or at the beginning of flowering (whichever occurs first).

Within the rate range, use the higher rate under conditions conducive to high disease pressure.

Restrictions Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 150 L/ha for ground application. Good spray coverage and canopy penetration are important for best results. Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.	
Pre-Harvest Interval	30 days. Apply no later than early fruit development (BBCH 71 – 72)

CANOLA

Crop	Canola
Diseases controlled	Blackleg (<i>Leptosphaeria maculans</i>) Alternaria leaf spot or black spot (<i>Alternaria brassicae</i>)
Disease suppressed	Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)
Rate	0.8 – 1 L/ha
Application timing For control of blackleg, apply preventatively at the 2 to 6-leaf (rosette) stage. Within the rate range, use the higher rate under conditions conducive to high disease pressure.	
Restrictions Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 100 L/ha for ground application. Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.	
Pre-Harvest Interval	21 days

CEREAL CROPS: WHEAT AND BARLEY

Crop	Wheat (spring, durum and winter)
Diseases controlled	Stripe rust or yellow rust (<i>Puccinia striiformis</i>) Brown rust/ Leaf rust (<i>Puccinia triticina</i>) Septoria leaf spot (<i>Septoria tritici</i> or <i>Leptosphaeria nodorum</i>) Tan spot (<i>Pyrenophora tritici-repentis</i>)
Rate	0.6 - 1 L/ha
Application timing At the first sign of disease, usually at the beginning of stem elongation (BBCH 29) or when conditions are favourable for disease development. To maximize yield it is important to protect the flag leaf from disease. Therefore, the optimum time to apply a single application of Zetigo PRM Fungicide is immediately after flag leaf emergence (BBCH 37-39). Do not apply after flowering (BBCH 59).	
Restrictions Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; a minimum spray volume of 100 L/ha is required for ground and 50 L/ha for aerial application. Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.	

Pre-Harvest Interval	30 days. Apply no later than beginning of flowering (BBCH 59)
Crop	Barley
Diseases controlled and Rates	Net blotch (<i>Pyrenophora teres</i>) at 0.73 – 1 L/ha Scald (<i>Rhynchosporium secalis</i>) at 0.66 – 1 L/ha
Application timing At the first sign of disease, usually at the beginning of stem elongation (BBCH 29) or when conditions are favourable for disease development. To maximize yield it is important to protect the flag leaf from disease. Therefore, the optimum time to apply a single application of Zetigo PRM Fungicide is immediately after flag leaf emergence (BBCH 37-39). Do not apply after flowering (BBCH 59).	
Restrictions Apply the required amount of Zetigo PRM Fungicide in sufficient water volume to obtain thorough coverage; a minimum spray volume of 100 L/ha is required for ground and 50 L/ha for aerial application. Do not apply more than one (1) application per year. Alternate the use of Zetigo PRM Fungicide with a fungicide of a different mode of action.	
Pre-Harvest Interval	30 days. Apply no later than beginning of flowering (BBCH 59)

Tank Mixtures

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

Do not tank mix with copper-based fungicides.

CROP ROTATION

Crops listed on the Zetigo PRM Fungicide label may be planted immediately following the last application. All other crops can be planted 30 days after last application.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Zetigo PRM Fungicide contains Group 11 and 21 Fungicides. Any fungal population may contain individuals naturally resistant to Zetigo PRM Fungicide and other group 11 or 21 Fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Zetigo PRM Fungicide or other Group 11 or 21 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.

- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify Corteva Agriscience Canada Company if reduced sensitivity of the pathogen to Zetigo PRM Fungicide is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Corteva Agriscience Canada Company representatives at 1-800-667-3852.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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All other products mentioned are trademarks of their respective companies.

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Label Code: CN-34701-002-E

Replaces: CN-34701-001-E

Specimen Label Notes:

Add crops and active branding