

(Container)



Adavelt EC

Fungicide

GROUP	21	FUNGICIDE
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Adavelt EC Fungicide provides control or suppression of certain diseases in wheat, canola, sugar beet and turf.

COMMERCIAL

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

ACTIVE INGREDIENT: Florypicoxamid100 g/L

Emulsifiable Concentrate

REGISTRATION NO. 35596 PEST CONTROL PRODUCTS ACT

CAUTION - EYE IRRITANT

NET CONTENTS: 0.5 L - bulk

Corteva Agriscience Canada Company
Suite 240, 115 Quarry Park Rd. SE
Calgary, AB
T2C 5G9
1-800-667-3852

TMTrademark of Corteva Agriscience and its affiliated companies.

PRECAUTIONS

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

May irritate eyes. Avoid contact with eyes.

For golf courses, DO NOT enter or allow entry into treated areas until sprays have dried.

For agricultural uses, including sod/turf farms, DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Apply only when the potential for drift to areas of human habitation and human activity (other than golf courses) such as parks, school grounds, and playing fields, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT apply to turf in residential areas, including lawns, gardens, parks, playing fields, cemeteries and schools. Adavelt EC Fungicide can be applied to golf course greens, tees, fairways, roughs, and sod/turf farms only.

PROTECTIVE CLOTHING AND EQUIPMENT

Application with Ground boom and 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 or cockpit.
- No human flaggers are permitted.
- 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 and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

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. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

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 or territorial requirements.

Returnable Containers

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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.

Bulk Container Refilling

1. The container is to be refilled by the distributor/dealer only with Adavelt EC Fungicide. DO NOT reuse this container for any other purpose.
2. Reseal and return to an authorized Bulk Site.
3. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.
4. Check for leaks after refilling and before transportation.
5. DO NOT refill or transport damaged or leaking containers.
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For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for clean-up of spills.

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.

(Booklet)



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PRODUCT INFORMATION

Adavelt EC Fungicide is for use on wheat, canola, sugar beet and turf to control or suppress certain important plant diseases. Adavelt EC Fungicide is quickly absorbed into plant tissue and is locally systemic with translaminar movement. It provides both protectant and curative action.

Adavelt EC 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 Adavelt EC Fungicide 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.

CROPS REGISTERED AND DISEASES CONTROLLED/SUPPRESSED

Crop	Disease
Wheat (spring, winter, durum)	Control of: Septoria leaf spot (<i>Septoria tritici</i>)
Canola	Suppression of: Blackleg (<i>Leptosphaeria maculans</i>) Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)
Sugar beets	Control of: Cercospora leafspot (<i>Cercospora beticola</i>)
Established turf, Golf course, turf/sod farms only	Control of: Dollar Spot (<i>Sclerotinia homeocarpa</i>)

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 Adavelt EC Fungicide as a broadcast treatment in a minimum spray volume of 100 L water/ha.

Field sprayer application

DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE S572.1) **medium** classification. Boom height must be 60 cm or less above the crop or ground.

(2) Conventionally piloted aircraft application

Apply Adavelt EC Fungicide in a minimum spray volume of 50 L water/ha.

DO NOT apply when wind speed is less than 1 km/h. 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 sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) 572.1 **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 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 specified 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 or a Global Positioning System (GPS).

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.

Aerial Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

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 should be laundered regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the registrant at 1-800-667-3852 or obtain technical advice from the distributor or your provincial or territorial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the specified rate in a minimum spray volume of 50 litres per hectare for conventionally piloted aircraft.

- The interaction of many equipment-and-weather-related factors determine the potential for spray drift. Users are responsible for considering all these factors when making decisions.
- 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 the tank mix partner and agitate to ensure complete mixing
4. Add the required amount of Adavelt EC Fungicide to the tank and agitate to ensure complete mixing
5. Continue agitation while filling the remainder of the spray tank with water.
6. After any break in spraying operations, agitate thoroughly before spraying again.
7. Spray the pesticide suspension the same day as mixing.
8. 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 terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop/Site		Spray Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat (spring, durum, winter)		3	1	1	1	0
	Sugar beet, canola		5	1	1	1	1
	Turf		15	2	1	1	1
Aerial	Wheat (spring, durum and winter)	Fixed wing	50	1	5	1	0
		Rotary wing	40	1	1	1	0

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 (ASABE) category indicated on the labels for those tank mix partners.

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

USE DIRECTIONS

WHEAT

Adavelt EC Fungicide alone

Crop	Wheat (spring, Durum and winter)
Disease controlled	Septoria leaf spot (<i>Septoria tritici</i>)
Rate	Adavelt EC Fungicide at 0.3-0.5 L/ha
Application timing	
<p>Apply at the first sign of disease, usually at the beginning of stem elongation (BBCH 29), when conditions are favourable for disease development. A second application may be made no later than 50% head emergence to protect the flag leaf from disease, important for maximizing yield potential. If only one application is made, apply between just after flag leaf emergence (BBCH 37-39) and no later than 50% head emergence (BBCH 55).</p> <p>Observe a spray interval of 14 to 21 days.</p> <p>Within the stated range, apply the higher rate and follow the shorter spray interval under conditions of high disease pressure.</p>	
Restrictions	
<p>Apply the required amount of Adavelt EC Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 100 L/ha for ground application and 50 L/ha for aerial application.</p> <p>Do not apply more than two (2) applications per year. Alternate the use of Adavelt EC Fungicide with a fungicide of a different mode of action.</p> <p>DO NOT permit livestock to graze fields or harvest wheat forage or cut hay within 8 days after application.</p>	
Pre-Harvest Interval	30 days. Apply no later than 50% head emergence (BBCH 55)

SUGAR BEET

Crop	Sugar beet
Disease controlled	Cercospora leafspot (<i>Cercospora beticola</i>)
Rate	1 – 1.5 L/ha
Application timing	
<p>Apply preventively when conditions are favourable for disease development or based on a forecasting system. A second application may be made ten or more days after the first application.</p> <p>Within the rate range, use the higher rate under conditions conducive to high disease pressure.</p>	
Restrictions	
<p>Apply the required amount of Adavelt EC Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 100 L/ha. Ground application only. Good spray coverage and canopy penetration are important for best results.</p> <p>Do not apply more than two (2) applications per year. Alternate the use of Adavelt EC Fungicide with a fungicide of a different mode of action. Observe a minimum spray interval of 10 days.</p>	
Pre-Harvest Interval	21 days

CANOLA

Crop	Canola
Disease suppressed	Blackleg (<i>Leptosphaeria maculans</i>)
Rate	1.5 L/ha
Application timing	
<p>For suppression of blackleg, apply preventatively at the 2 to 6-leaf (rosette) stage. A maximum of one application may be made per year for this use.</p>	
Disease suppressed	Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)
Rate	1.0 L/ha
Application timing	
<p>For suppression of sclerotinia stem rot, apply at 20-50% bloom. A maximum of one application may be made per year for this use.</p>	

Restrictions	
Apply the required amount of Adavelt EC Fungicide in sufficient water volume to obtain thorough coverage; use a minimum spray volume of 100 L/ha. Ground application only.	
Do not apply more than two (2) applications per year, i.e., one application per year for each disease. Alternate the use of Adavelt EC Fungicide with a fungicide of a different mode of action. Observe a minimum spray interval of 7 days.	
Pre-Harvest Interval	21 days. Apply no later than mid-flowering (BBCH 65)

ESTABLISHED TURF, GOLF COURSE, TURF/SOD FARMS ONLY

Crop	Turf
Disease	Dollar Spot (<i>Sclerotinia homeocarpa</i>)
Rate	1.5 L/ha
Restrictions	
Apply the required amount of Adavelt EC Fungicide in a minimum of 4 litres of water per 100 m ² (400 litres per hectare). Ground application only.	
Apply preventatively when environmental conditions are conducive to disease progression. Apply after mowing or apply before mowing provided that a minimum of 12 hours has lapsed between application and mowing.	
Do not apply more than five (5) applications per year. Alternate the use of Adavelt EC Fungicide with a fungicide of a different mode of action. Observe a minimum spray interval of 14 days.	

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 Adavelt EC 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 Adavelt EC Fungicide contains a Group 21 Fungicide. Any fungal population may contain individuals naturally resistant to Adavelt EC Fungicide and other group 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 Adavelt EC Fungicide or other Group 21 fungicides with different groups that control the same pathogens. Do not exceed the total number of applications.
- 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 Adavelt EC 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 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.

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