

GROUP	7	11	FUNGICIDE
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PRIAXOR™

FUNGICIDE

For use in barley, corn, wheat (all types), triticale, rye, soybeans and bluegrasses, fescues and rye grasses (grown for seed production)

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Fluxapyroxad - 167 g/L
Pyraclostrobin - 333 g/L

Contains 1,2-benzisothiazolin-3-one at 0.0043% and 2-methyl-4-isothiazolin-3-one at 0.0043% as preservatives

Warning, contains the allergen soy

SUSPENSION

REGISTRATION NO. 30567

PEST CONTROL PRODUCTS ACT

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**



WARNING

POISON

SKIN IRRITANT

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 0.1 L – Bulk

BASF Canada Inc.
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Mississauga, Ontario, L5R 4H1
1-877-371-2273

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GENERAL INFORMATION

This package contains **PRIAXOR**, a broad-spectrum fungicide. **PRIAXOR** contains two active ingredients, fluxapyroxad and pyraclostrobin, belonging to the carboxamide (SDHI) group of fungicides and strobilurin group of fungicides, respectively.

PRIAXOR inhibits spore germination, mycelial growth and sporulation of the fungus on the leaf surface. **PRIAXOR** can be applied in either pre- or post-infection situations. However, optimum disease control is achieved when **PRIAXOR** is applied preventatively in a regularly scheduled spray program and is used in a rotation program with other fungicides.

DIRECTIONS FOR USE (See specific sections for each crop group)

Apply recommended rates of **PRIAXOR** as instructed in the following series of crop application rate tables. Apply **PRIAXOR** with ground or aerial spray equipment as specified. Equipment should be checked frequently for proper calibration.

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.

Cereals Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate (L/ha)
Barley	<u>Disease Controlled</u> Net blotch (<i>Pyrenophora teres</i>) Spot blotch (<i>Cochliobolus sativus</i>) Scald (<i>Rhynchosporium secalis</i>) Stripe rust (<i>Puccinia striiformis</i>)	0.225 – 0.3
Wheat (all types) Triticale	<u>Disease Controlled</u> Tan spot (<i>Pyrenophora tritici-repentis</i>) Leaf rust (<i>Puccinia recondita</i>) Spot blotch (<i>Cochliobolus sativus</i>) Stripe rust (<i>Puccinia striiformis</i>) Powdery mildew (<i>Erysiphe graminis</i> f. sp. <i>tritici</i>)	0.225 – 0.3
	<u>Disease Suppressed</u> Septoria leaf spot (<i>Septoria tritici</i> or <i>S. nodorum</i>)	
Rye	<u>Disease Controlled</u> Leaf rust (<i>Puccinia recondita</i>) Powdery mildew (<i>Erysiphe graminis</i>)	0.225 – 0.3

Leaf Diseases in Cereals

For optimal disease control, begin applications of **PRIAXOR** prior to disease development or at the onset of disease symptoms.

Applications should be made prior to head emergence. Use the higher rate and shorter interval when disease pressure is high.

Do not make sequential applications of **PRIAXOR**. If disease persists or weather conditions are favourable for disease development make a second application 10 - 14 days later, with a fungicide that contains a different mode of action.

The use of a non ionic surfactant (0.125 % v/v) is recommended.

Corn Application Rate Table (Ground and Aerial Application)

Crop	Disease Suppressed or Controlled	Application Rate (L/ha)
Corn (field, sweet, pop, seed types)	<u>Disease Controlled</u> Common rust (<i>Puccinia sorghi</i>) Gray leaf spot (<i>Cercospora zeae-maydis</i>) Northern leaf blight (<i>Setosphaeria turcica</i>)	0.3
	<u>Disease Suppressed</u> Eye spot (<i>Aureobasidium zeae</i>)	0.3

For optimal disease control, begin applications of **PRIAXOR** prior to disease development. Use shorter interval when disease pressure is high.

Do not make sequential applications of **PRIAXOR**. If disease persists or weather conditions are favourable for disease development make a second application 10 - 14 days later, with a fungicide that contains a different mode of action.

The use of a non ionic surfactant (0.125 % v/v) is recommended.

Soybean Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate (L/ha)
Soybeans	<u>Disease Controlled</u> Asian soybean rust (<i>Phakopsora pachyrhzi</i>)	0.3 – 0.45
	<u>Disease Controlled</u> Frog eye leaf spot (<i>Cercospora sojina</i>) Septoria brown spot (<i>Septoria glycines</i>)	0.24 – 0.3
	<u>Disease Suppressed</u> Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	0.45

For optimal disease control, apply **PRIAXOR** prior to disease development when conditions are favourable for disease development.

Do not make sequential applications of **PRIAXOR**. If disease persists or weather conditions are favourable for disease development make a second application 10 – 14 days later, with a fungicide that contains a different mode of action.

The use of a non ionic surfactant (0.125 % v/v) is recommended.

Grasses Grown for Seed Application Rate Table (Ground and aerial application)

Crop	Disease Controlled or Suppressed	Application Rate (L/ha)
Bluegrasses, fescues, ryegrasses grown for seed	<u>Disease Controlled</u> Leaf and stem rust (<i>Puccinia recondita</i> and <i>P. graminis</i>)	0.225 – 0.3
	<u>Disease Suppressed</u> Powdery mildew (<i>Erysiphe graminis</i>)	

For optimal disease control, apply **PRIAXOR** prior to disease development when conditions are favourable for disease development.

Do not make sequential applications of **PRIAXOR**. If disease persists or weather conditions are favourable for disease development make a second application 10 - 14 days later, with a fungicide that contains a different mode of action.

The use of a non ionic surfactant (0.125 % v/v) is recommended.

Crop-Specific Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI) (days)	Maximum Product Rate per Ha per Application (Litres)	Maximum Number of Applications per Season	Maximum Number of Sequential Applications	Maximum Product Rate per Ha per Season (Litres)
Barley, rye, wheat (all types) and triticale	no later than end of flowering	0.3	2	1	0.6
Corn	21	0.3	2	1	0.6
Corn (sweet)	7	0.3	2	1	0.6
Soybean	21	0.45	2	1	0.9
Grasses grown for seed	14	0.3	1	1	0.3

Ground application

Apply **PRIAXOR** at rates listed in the Application Rate and Timing Tables (crop specific) when conditions are favourable for the development of disease. Use a minimum water volume of 100 L/ha and ensure thorough coverage of foliage. Consult nozzle manufacturers recommendation for spray pressures for specific nozzles.

Aerial application

Apply **PRIAXOR** at rates listed in application rate and timing tables (crop specific) when conditions are favourable for the development of disease. Use a minimum water volume of 50 L/ha. Ensure thorough coverage of foliage. Consult nozzle manufacturers recommendation for spray pressures for specific nozzles.

Instructions for Aerial Applications

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 Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop 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.

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. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. 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.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-371-BASF (2273) or obtain technical advice from the distributor or your provincial agricultural representative.

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) medium classification. Boom height must be 60 cm or less above the crop or ground.

Aerial Application

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) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Buffer Zones

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The 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.

Buffer Zone Specifications for PRIAXOR

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Barley, wheat (all types), oats, rye, corn (field, sweet, pop, seed types), bluegrass, soybeans		5	1	1	1	1
Aerial	Barley, wheat (all types), oats, rye, corn (field, sweet, pop, seed types), bluegrass	Fixed and rotary wing	100	10	10	1	1
	Soybeans	Fixed and rotary wing	200	10	15	5	15

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) 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.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms, small mammals and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

Fluxapyroxad is persistent and may carryover. It is recommended that any products containing fluxapyroxad not be used in areas treated with this product during the previous season.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **PRIAXOR** contains both a group 7 (fluxapyroxad) and group 11 (pyraclostrobin) fungicide. Any fungal population may contain individuals naturally resistant to **PRIAXOR** fungicide and other group 7 and group 11 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 are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Adhere to the label instructions regarding the use of **PRIAXOR** fungicide or other group 7 or 11 fungicides as stated in the Crop-Specific Restrictions and Limitations section of the label. DO NOT make sequential applications of **PRIAXOR** before alternating to at least one application of a fungicide with different mode of action other than group 7 and group 11.
- **PRIAXOR** use should be based on an IPM program that includes scouting, historical information related to pesticide use, crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development. 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 advisers for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information, contact BASF Canada Inc. at 1-877-371-2273.

MIXING

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of **PRIAXOR** to the tank.
4. Add the required amount of the tankmix partner.
5. Add the recommended amount of adjuvant.

6. Continue agitation while filling the remainder of the spray tank .
7. After use, clean the spray tank according to PRECAUTIONS.

RESTRICTIONS AND LIMITATIONS

1. Crop Rotation Restrictions: Tuberous and corm vegetables, sugar beets, legume vegetables, fruiting vegetables, pome fruits, stone fruits, cereals and oilseeds may be planted immediately following the last application. A plant-back interval of one year is required for all other crops.
2. Do not feed grass hay or forage to livestock. All other crops on this label can be grazed or fed to livestock. For livestock feeding and grazing, observe the minimum pre-harvest intervals specified for each crop under the Crop-Specific Restrictions and Limitations section on this label. Do not harvest cereals for forage or hay within 7 days of the last application.
3. **DO NOT** use in greenhouses.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **DO NOT** take internally. Harmful or fatal if swallowed.
3. **DO NOT** get in eyes. May irritate skin. Avoid contact with skin and clothing.
4. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
5. **DO NOT** re-enter treated area for 12 hours after application.
6. During mixing/loading/clean-up and repair, wear chemical-resistant gloves, goggles or face shield and coveralls over a long-sleeved shirt and long pants, socks and footwear. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and footwear during application. Gloves are not required for an applicator in an enclosed cab.

Custom applicators must use groundboom equipment with an enclosed cab. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.

7. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
8. Clean spray equipment thoroughly after use.
9. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

10. Apply only when the potential for drift to areas of human habitation or areas of 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.
11. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at www.croplife.ca.

FIRST AID

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.

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 swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

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.

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

TOXICOLOGICAL INFORMATION

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

STORAGE

To prevent contamination, store this product away from food or feed.

DISPOSAL

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 requirements.

For 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).

For 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 Non-Returnable containers

Triple or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial 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. The user assumes the risk to persons or property that arises from any such use of this product.