

2024-6886  
2025-03-05

This label has been updated according to the re-evaluation decision for Tebuconazole, RVD2024-09. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 2026-11-20 in accordance with the phase out period set out in the re-evaluation decision for Tebuconazole, RVD2024-09. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.



GROUP	7	3	FUNGICIDES
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## PROSARO® PRO

FOLIAR FUNGICIDE

FOR CONTROL OR SUPPRESSION OF LISTED DISEASES IN WHEAT, BARLEY, OATS AND TRITICALE.

COMMERCIAL  
SUSPENSION

**REGISTRATION NUMBER 34093 PEST CONTROL PRODUCTS ACT**

### ACTIVE INGREDIENT:

**prothioconazole .....200 g/L**  
**tebuconazole .....100 g/L**  
**fluopyram .....100 g/L**

Contains 1,2-benzisothiazolin-3-one at 0.058%, 2-methyl-4-isothiazolin-3-one at 0.00048% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00147% as preservatives.

-OR-

Contains 1,2-benzisothiazolin-3-one at 0.058%, 2-methyl-4-isothiazolin-3-one at 0.00048%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00147% and 2-bromo-2-nitropropane-1,3-diol at 0.0378% as preservatives.



**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS: 1 L to BULK

Bayer CropScience Inc.  
200-160 Quarry Park Blvd. SE  
Calgary, Alberta T2C 3G3  
[www.cropscience.bayer.ca](http://www.cropscience.bayer.ca)

**Product Information: 1-888-283-6847**

**In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day).**

**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.

**DIRECTIONS FOR USE:** See the printed brochure provided with this container.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapour or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry.

**PROTECTIVE CLOTHING AND EQUIPMENT:** Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and boots during mixing, loading, application, clean-up and repair. In addition, wear goggles or a face shield during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab or cockpit.

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Inc. at 1-888-283-6847 or [www.cropscience.bayer.ca](http://www.cropscience.bayer.ca).

**FIRST AID:**

**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. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

**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 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:** Treat symptomatically.

### **ENVIRONMENTAL PRECAUTIONS:**

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

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

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

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.

### **STORAGE:**

Store this product away from food or feed. Do not contaminate water, food, or feed by storage or disposal. Do not store below freezing. If stored for 1 year or longer, shake well before using. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Do not use or store in or around the home. Keep the product in the original container during storage.

### **DISPOSAL:**

**Recyclable Container 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/territorial requirements.

**Returnable Container:** Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

**Refillable Container:** For disposal, this empty 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 use this container for any other purpose.

**Disposal of Unused, Unwanted Product:** 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 cleanup of spills.

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**PROSARO® PRO**

<b>TABLE OF CONTENTS:</b>	<b>SECTION NUMBER:</b>
<b>GENERAL INFORMATION</b>	
Notice to User	1
The Product	2
<b>SAFETY AND HANDLING</b>	
Precautions, Protective Clothing & Equipment	3
First Aid and Toxicological Information	4
Environmental Precautions	5
Storage	6
Disposal	7
<b>DIRECTIONS FOR USE</b>	
Application Instructions and Precautions	8
Additional Environmental Precautions	8.1
Tank Mixes	8.2
Ground and Aerial Application	8.3
Spray Buffer Zones	8.4
Rotational Crops	8.5
Crop, Disease, Rate, Timing	9
Pre-Harvest Interval, Pre-Grazing/Feeding Interval and Restricted-Entry interval	10
Mixing Instructions	11
Resistance Management Recommendations	12

## GENERAL INFORMATION

### SECTION 1: 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.

### SECTION 2: THE PRODUCT

PROSARO® PRO is a broad-spectrum systemic fungicide for the control or suppression of listed diseases on wheat, barley, oats and triticale.

## SAFETY AND HANDLING

### SECTION 3: PRECAUTIONS

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapour or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry.

#### **PROTECTIVE CLOTHING AND EQUIPMENT:**

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and boots during mixing, loading, application, clean-up and repair. In addition, wear goggles or a face shield during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab or cockpit.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Inc. at 1-888-283-6847 or [www.cropscience.bayer.ca](http://www.cropscience.bayer.ca).

**SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION****FIRST AID:**

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**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.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**SECTION 5: ENVIRONMENTAL PRECAUTIONS**

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

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

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

Avoid application 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.

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.

## SECTION 6: STORAGE

Store this product away from food or feed. Do not contaminate water, food, or feed by storage or disposal. Do not store below freezing. If stored for 1 year or longer, shake well before using. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Do not use or store in or around the home. Keep the product in the original container during storage.

## SECTION 7: DISPOSAL

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**Refillable Container:** For disposal, this empty 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 use this container for any other purpose.

### **Disposal of Unused, Unwanted Product:**

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 cleanup of spills.

## DIRECTIONS FOR USE

### SECTION 8: APPLICATION INFORMATION AND PRECAUTIONS

#### 8.1 Additional Environmental Precautions

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- 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.

#### **APPLICATION IN FIELDS ADJACENT TO AQUATIC AREAS:**

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES.

Do not apply to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff is hazardous to aquatic organisms in neighboring areas. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

- Do not cultivate within 3 metres of an aquatic area to allow growth of a vegetative filter strip.

#### 8.2 Tank Mixes

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PROSARO PRO may only be tank mixed with registered insecticides in accordance with the guidance below. DO NOT tank mix with herbicides or other fungicides.

This product may be tank mixed 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 Bayer CropScience Inc. at 1-888-283-6847 or [www.cropscience.bayer.ca](http://www.cropscience.bayer.ca) for information before applying any tank mix that is not specifically recommended on this label.

Bayer CropScience Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

### 8.3 Ground and Aerial Application:

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#### GROUND APPLICATION:

**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.

1. Use well-maintained and calibrated conventional spray equipment, which provides adequate and uniform coverage.
2. Apply PROSARO PRO in a minimum of 100 L water/ha.
3. Spray screens should be no finer than 50 mesh.
4. Ensure that the by-pass line discharges at the bottom of the tank to minimize foaming.
5. Maintain pressure at no less than 275 kPa to ensure good foliage penetration and coverage.
6. Provincial buffer zones that are greater than the spray buffer zones indicated in the DIRECTIONS FOR USE, SECTION 8.4, should be respected.
7. If spray mixture remains in the tank overnight, or for long periods during the day, agitate thoroughly prior to application.

#### AERIAL APPLICATION – GENERAL INFORMATION:

**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 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.

1. 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.
2. 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. If you have questions, call 1-888-283-6847 or obtain technical advice from the distributor or your provincial agricultural representative.

3. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking technology. GPS based marking is preferred.
4. Apply PROSARO PRO in a minimum of 50 L of water/ha.
5. To ensure proper coverage and distribution and to minimize drift, check to see that swath width and droplet size are adequate, and that wind velocities are low.

#### **AERIAL APPLICATION – 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.

#### **AERIAL APPLICATION – OPERATOR PRECAUTIONS:**

1. **DO NOT** allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.
2. It is desirable that the pilot has communication capabilities at each treatment site at the time of application.
3. **The field crew and the mixer/loaders:** Wear a long-sleeved shirt, long pants, chemical-resistant gloves, goggles or face shield, socks and boots during mixing/loading, cleanup and repair.
4. All personnel on the job site must wash hands and face thoroughly before eating and drinking.
5. 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 a Bayer representative at 1-888-283-6847 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following: Volume: Apply the recommended rate in a minimum spray volume of 50 L of water/ha.

#### 8.4 Spray Buffer zones:

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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		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	All labelled crops		1	1	1	1	1
Aerial	All labelled crops	Fixed wing	10	1	5	1	15
		Rotary wing	5	1	2	1	10

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](http://Canada.ca) website.

#### 8.5 Rotational Crops:

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Treated areas may be replanted with any crop specified on this label and soybean as soon as practical after the last application. A rotational plantback interval of 120 days must be observed for all other crops not listed on the label.

## SECTION 9: CROP, DISEASE, RATE AND TIMING

Crop	Disease	Rate (L/ha)	Remarks
<b>Wheat</b> (spring, winter and durum); <b>Triticale</b> (spring and winter)	<b>Suppression of:</b> Fusarium Head Blight ( <i>Fusarium graminearum</i> syn. <i>Gibberella zeae</i> )	0.75–1.0	Apply with a non-ionic surfactant, for example, AGRAL <sup>®</sup> 90 or AG-SURF <sup>®</sup> , at 0.125% v/v.  For suppression of fusarium head blight and ergot, apply PROSARO PRO as a preventative spray within the time period from when at least 75% of the wheat heads on the main stem are fully emerged to when 50% of the heads on the main stem are in flower. Optimal application timing is when first flowers emerge on the main heads. Application at this timing will also control the listed leaf diseases.
	<b>Suppression of:</b> Ergot ( <i>Claviceps purpurea</i> )	0.75	
	<b>Control of:</b> Rusts (Leaf, Stem and Stripe) ( <i>Puccinia triticina</i> , <i>P. graminis</i> , <i>P. striiformis</i> ); Leaf & Glume Blotch ( <i>Septoria tritici</i> , <i>Stagonospora nodorum</i> ); Tan Spot ( <i>Pyrenophora tritici-repentis</i> ); Powdery Mildew ( <i>Blumeria graminis</i> syn. <i>Erysiphe graminis</i> ); Spot Blotch ( <i>Cochliobolus sativus</i> )	0.75–1.0	Application of the 1.0 L/ha rate is suggested in situations where disease pressure is expected to be high. Such situations may occur when prolonged periods of warm wet weather are forecast during anthesis, when wheat or triticale are grown in a crop rotation that has contained corn or when susceptible cultivars are grown.  Use of the 1.0 L/ha rate will typically provide highest levels of mycotoxin reduction.  Apply by ground or aerial application equipment. For ground application, apply specified dosage in a minimum of 100 L of water per hectare. For aerial application, apply specified dosage in a minimum of 50 L of water per hectare.  A maximum of one application of PROSARO PRO may be applied per crop year.
<b>Barley</b>	<b>Suppression of:</b> Fusarium Head Blight ( <i>Fusarium graminearum</i> syn. <i>Gibberella zeae</i> )	0.75–1.0	Apply with a non-ionic surfactant, for example, AGRAL 90 or AG-SURF, at 0.125% v/v.  For suppression of fusarium head blight and ergot, apply PROSARO PRO as a preventative spray within the time period when 70 to 100% of the barley main stem heads are fully emerged, to 3 days after full head emergence. Application at this timing will also control the listed leaf diseases.
	<b>Suppression of:</b> Ergot ( <i>Claviceps purpurea</i> )	0.75	Application of the 1.0 L/ha rate is suggested in situations where disease pressure is expected to be high. Such situations may occur when prolonged periods of warm wet weather are forecast during barley ear emergence, when barley is grown in a crop

	<p><b>Control of:</b> Net Blotch (<i>Pyrenophora teres</i>);</p> <p>Spot Blotch (<i>Cochliobolus sativus</i>);</p> <p>Scald (<i>Rhynchosporium secalis</i>);</p> <p>Septoria Leaf Blotch (<i>Septoria passerinii</i>);</p> <p>Leaf, Stem and Stripe Rusts (<i>Puccinia hordei</i>, <i>P. graminis</i>, <i>P. striiformis</i>);</p> <p>Powdery Mildew (<i>Blumeria graminis</i> syn. <i>Erysiphe graminis</i>)</p>	0.75–1.0	<p>rotation that has contained corn or when susceptible cultivars are grown.</p> <p>Use of the 1.0 L/ha rate will typically provide highest levels of mycotoxin reduction.</p> <p>Apply by ground or aerial application equipment. For ground application, apply specified dosage in a minimum of 100 L of water per hectare. For aerial application, apply specified dosage in a minimum of 50 L of water per hectare.</p> <p>A maximum of one application of PROSARO PRO may be applied per crop year.</p>
<b>Oats</b>	<p><b>Control of:</b> Crown Rust (<i>Puccinia coronata</i>)</p>	0.75	<p>Apply with a non-ionic surfactant, for example, AGRAL 90 or AG-SURF, at 0.125% v/v.</p> <p><b>Leaf and Stem Diseases:</b> Apply PROSARO PRO as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favourable for disease development.</p> <p><b>For suppression of fusarium head blight and ergot:</b> Apply PROSARO PRO as a preventative spray within the time period from when at least 75% of the oat panicles on the main stem are fully emerged to when 50% of the panicles on the main stem are in flower. Application of the 1.0 L/ha rate is suggested in situations where disease pressure is expected to be high. Such situations may occur when prolonged periods of warm wet weather are forecast during anthesis.</p> <p>Apply by ground or aerial application equipment. For ground application, apply specified dosage in a minimum of 100 L of water per hectare. For aerial application, apply specified dosage in a minimum of 50 L of water per hectare.</p> <p>A maximum of one application of PROSARO PRO may be applied per crop year.</p>
	<p><b>Control of:</b> Stem Rust (<i>Puccinia graminis</i>);</p> <p>Stagonospora (Septoria) leaf blotch and black stem (<i>Stagonospora avenae</i> syn. <i>Septoria avenae</i>)</p>	0.75–1.0	
	<p><b>Suppression of:</b> Fusarium Head Blight (<i>Fusarium graminearum</i> syn. <i>Gibberella zeae</i>)</p>	0.75–1.0	
	<p><b>Suppression of:</b> Ergot (<i>Claviceps purpurea</i>)</p>	0.75	

## SEQUENTIAL APPLICATIONS IN WHEAT, TRITICALE AND BARLEY

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PROSARO PRO may be applied sequentially after an application of DELARO<sup>®</sup> 325 SC Fungicide, STRATEGO<sup>®</sup> Pro Fungicide or DELARO<sup>®</sup> Complete.. Please refer to respective product labels for specific use directions, pertinent recommendations, restrictions and precautions.

### Recommended Sequential Applications: wheat, triticale and barley

Application Timing/Crop Stage/Product/Product Rates for Single Application		Minimum Interval Between Applications
<b>Vegetative Stage</b>	<b>Heading/Anthesis</b>	14 days
DELARO 325 SC Fungicide* or STRATEGO PRO Fungicide* or DELARO Complete*	PROSARO PRO: 0.75–1.0 L/ha	
*at labelled rates for single application		

### Resistance Management Advisory for Cereal Crops:

Repeated applications of standalone DMI fungicides should not be used on the same crop in one season against high risk pathogens, such as cereal powdery mildew, in areas of high disease pressure for that particular pathogen. Mixture products, tank mixtures or alternation with fungicides having a different mode of action applied at effective rates have been shown to protect against the development of resistant forms of disease.

## SECTION 10: PRE-HARVEST INTERVAL(PHI), PRE-GRAZING/FEEDING INTERVAL (PGI) AND RESTRICTED-ENTRY INTERVAL (REI)

Crops	PHI	PGI	REI
Wheat (spring, winter, durum); Barley; Oats; Triticale (spring, winter)	36 days	14 days	12 hours

- Straw cut after harvest may be fed or used for bedding.
- **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval of 12 hours.

## SECTION 11: MIXING INSTRUCTIONS

PROSARO PRO must be applied with properly calibrated, clean equipment. Prior to adding PROSARO PRO to the spray tank, ensure that the spray tank is thoroughly clean.

PROSARO PRO applied alone:

- Add one-half of the required amount of water to the spray or mixing tank and start agitation.
- Add the required quantity of PROSARO PRO to the water and complete filling with water to the required total volume.
- Maintain agitation throughout mixing and spraying.
- **PROSARO PRO should be thoroughly dispersed prior to the addition of a non-ionic surfactant.** PROSARO PRO is recommended to be used with a registered non-ionic surfactant, for example, AGRAL 90 or AG-SURF, at 0.125% vol/vol.

## SECTION 12: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that PROSARO PRO contains a Group 7 and two Group 3 fungicides. Any fungal population may contain individuals naturally resistant to PROSARO PRO and other Group 7 and Group 3 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 PROSARO PRO or other Group 7 and Group 3 fungicides with products from different fungicide groups that control the same pathogens.
- Do not apply more than one application of PROSARO PRO per crop year.
- 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 Bayer CropScience Inc. if reduced sensitivity of the pathogen to PROSARO PRO 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 disease problems in your area.

For further information and to report suspected resistance, contact a Bayer representative at 1-888-283-6847 or at [www.cropscience.bayer.ca](http://www.cropscience.bayer.ca).

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