

2023-2069
2023-09-19

Sleeve

GROUP	7	11	FUNGICIDE
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DYAX®
FUNGICIDE

For use in canola (including rapeseed, canola quality *Brassica juncea*) and oilseed/condiment mustard, flax, sunflower, soybean, field pea, lentil, chickpea, fababean, dry bean, edible podded legumes and succulent shelled pea & bean, and alfalfa (grown for seed production)

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENTS: Fluxapyroxad - 250 g/L
Pyraclostrobin - 250 g/L

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

OR

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one both at 0.0050% and 2-bromo-2-nitropropane-1,3-diol at 0.018%, as preservatives

OR

Contains 1,2-benzisothiazolin-3-one at 0.0400%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011%, 2-methyl-4-isothiazolin-3-one at 0.0004%, and 2-bromo-2-nitropropane-1,3-diol at 0.0240%, as preservatives

Warning, contains the allergen soy

SUSPENSION

REGISTRATION NO. 32746

PEST CONTROL PRODUCTS ACT

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



DANGER

SKIN IRRITANT

POISON

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 0.1 L – Bulk

BASF Canada Inc.
5025 Creebank Road
Building A, 2nd Floor
Mississauga, ON L4W 0B6
1-877-371-2273

DYAX is a registered trade-mark of BASF SE, used under license by BASF Canada Inc.

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PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **DO NOT** take internally. Fatal or poisonous if swallowed.
3. **DO NOT** get in eyes. May irritate skin. Avoid contact with skin and clothing.
4. Harmful if inhaled. Avoid inhalation/breathing sprays.
5. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
6. **DO NOT** re-enter treated area for 12 hours after application.
7. 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.

8. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
9. Clean spray equipment thoroughly after use.
10. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
11. 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.

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. 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.

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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.

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 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.

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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.

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Booklet

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DYAX®
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NET CONTENTS: 0.1 L – Bulk

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1-877-371-2273

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GENERAL INFORMATION

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

Dyax inhibits spore germination, mycelial growth and sporulation of the fungus on the leaf surface. **Dyax** can be applied in either pre- or post-infection situations. However, optimum disease control is achieved when **Dyax** 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 **Dyax** as instructed in the following series of crop application rate tables. Apply **Dyax** 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.

TANK MIXING

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 BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Not all varieties and cultivars have been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing **Dyax** with other products. Therefore, before using any tank mix (fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Consult a BASF representative for more information concerning additives.

Tank Mix Compatibility Determination

To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar. Add components to the test jar in the following order: wettable powders and water dispersible granules, liquid flowables and suspensions, emulsifiable concentrate formulations, and solutions. If the mixture does not ball-up or form flakes, sludge, jelly, oily films or layers, or

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other precipitates within 2 hours after mixing and can easily be resuspended with agitation, then the tested spray-mix is compatible. Always follow the most restrictive label regarding any precautions when tank mixing.

Canola Application Rate Table (Ground and aerial application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Canola (including rapeseed, canola quality <i>Brassica juncea</i>) and oilseed/condiment mustard	<u>Disease Suppressed</u> Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>) Alternaria black spot (<i>Alternaria brassicae</i> and <i>Alternaria raphani</i>)	0.3 – 0.4
	<u>Disease Controlled</u> Blackleg (<i>Leptosphaeria maculans</i>)	
<p>Apply Dyax at 0.3 to 0.4 L/ha at 20-50% flowering to suppress sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>) and alternaria black spot (<i>Alternaria brassicae</i> and <i>A. raphani</i>).</p> <p>Do not make sequential applications of Dyax. 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.</p> <p>Apply Dyax at 0.3 to 0.4 L/ha at late flowering to early green pod to suppress black spot (<i>Alternaria brassicae</i> and <i>A. raphani</i>). Use the high rate under high disease pressure.</p> <p>The use of a non ionic surfactant (0.125 % v/v) is recommended.</p>		

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Flax Application Rate Table (Ground and aerial application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Flax	<u>Disease Controlled</u> Pasmo (<i>Septoria linicola</i>)	0.3 – 0.4
	<u>Disease Suppressed</u> Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	
<p>Apply Dyax at 0.3 to 0.4 L/ha at 20-50% flowering to control pasmo (<i>Septoria linicola</i>) and suppress sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>).</p> <p>Do not make sequential applications of Dyax. 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.</p> <p>The use of a non ionic surfactant (0.125 % v/v) is recommended.</p>		

Sunflower Application Rate Table (Ground and Aerial Application)

Crop	Disease Suppressed	Application Rate L/ha
Sunflower	Leaf rust (<i>Puccinia helianthi</i>)	0.4
<p>Apply Dyax at 0.4 L/ha at first sign of disease to suppress leaf rust (<i>Puccinia helianthi</i>).</p> <p>Do not make sequential applications of Dyax. 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.</p> <p>The use of a non ionic surfactant (0.125 % v/v) is recommended.</p>		

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 – 0.4
	<u>Disease Suppressed</u> Frog eye leaf spot (<i>Cercospora sojina</i>) Septoria brown spot (<i>Septoria glycines</i>) Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	

For optimal disease control, apply **Dyax** prior to disease development when conditions are favorable for disease development. Apply **Dyax** at 0.3 to 0.4 L/ha at 20 to 50% flowering or at the onset of symptoms to control Asian soybean rust (*Phakopsora pachyrhizi*) and suppress frog eye leaf spot (*Cercospora sojina*) and septoria brown spot (*Septoria glycines*). Apply **Dyax** at 0.3 to 0.4 L/ha at 20 to 50% flowering to suppress sclerotinia stem rot (*Sclerotinia sclerotiorum*).

Do not make sequential applications of **Dyax**. If disease persists or weather conditions are favourable for disease development make a second application 10 to 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.

Dry Pea Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Field pea	<u>Disease Controlled</u> Mycosphaerella blight (<i>Mycosphaerella pinodes</i>) Ascochyta blight (<i>Ascochyta pinodes</i>)	0.3 – 0.4
	Powdery mildew (<i>Erysiphe pisi</i>) Asian soybean rust (<i>Phakopsora pachyrhizi</i>)	0.4
	<u>Disease Suppressed</u> White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4

Apply **Dyax** at 0.3 to 0.4 L/ha at the beginning of flowering or at the onset of symptoms to control mycosphaerella blight (*mycosphaerella pinodes*) or Ascochyta blight (*Ascochyta pinodes*). Apply **Dyax** at 0.3 to 0.4 L/ha at the beginning of flowering to suppress white mold (*Sclerotinia sclerotiorum*). Apply **Dyax** at 0.4 L/ha at the beginning of flowering to control powdery mildew (*Erysiphe pisi*) and Asian soybean rust (*Phakopsora pachyrhizi*). Use the higher rate under conditions that favour disease development.

Do not make sequential applications of **Dyax**. If disease persists or weather conditions are favourable for disease development make a second application 10 to 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.

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Pulse Crop Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Lentils	<u>Disease Controlled</u> Ascochyta blight (<i>Ascochyta lentis</i>)	0.3 – 0.4
	Anthracnose (<i>Colletotrichum truncatum</i>)	0.3 – 0.4
	<u>Disease Suppressed</u> White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4
Chickpeas	<u>Disease Controlled</u> Ascochyta blight (<i>Ascochyta rabiei</i>)	0.4
	<u>Disease Suppressed</u> White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4
Fababean	<u>Disease Controlled</u> Asian soybean rust (<i>Phakopsora pachyrhizi</i>)	0.4
	<u>Disease Suppressed</u> Ascochyta blight (<i>Ascochyta</i> spp.) White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4

Apply **Dyax** at 0.4 L/ha at the beginning of flowering or at the onset of symptoms to control ascochyta blight in chickpea and at 0.3 to 0.4 L/ha to control ascochyta blight in lentil or suppress asochyta blight in fababean. Apply **Dyax** at 0.3 to 0.4 L/ha at the beginning of flowering to suppress white mold in lentil, chickpea, and fababean. Apply **Dyax** at 0.3 to 0.4 L/ha at the beginning of flowering or at the onset of symptoms to control anthracnose in lentil. Apply **Dyax** at 0.4 L/ha at the beginning of flowering or at the onset of symptoms to control Asian soybean rust in fababean.

Do not make sequential applications of **Dyax**. If disease persists or weather conditions are favourable for disease development make a second application 10 to 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.

Dried Beans (except Soybean) Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
<p><u>Dry beans</u></p> <p><i>Lupinus</i> spp. (includes grain lupin, sweet lupin, white lupin and white sweet lupin)</p> <p><i>Phaseolus</i> spp. (includes field beans [dry common and coloured beans] such as kidney, black, cranberry, pink, navy bean, pinto bean, tepary bean and lima bean [dry])</p> <p><i>Vigna</i> spp. (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, broad or fababean [dry])</p>	<p><u>Disease Controlled</u></p> <p>Rust (<i>Uromyces appendiculatus</i>)</p> <p>Anthracnose (<i>Colletotrichum lindemuthianum</i>)</p> <p>Asian soybean rust (<i>Phakopsora pachyrhizi</i>)</p> <p>Powdery mildew (<i>Erysiphe</i> spp.)</p> <p><u>Disease Suppressed</u></p> <p>White mold (<i>Sclerotinia sclerotiorum</i>)</p>	<p>0.4</p> <p>0.6 – 0.8</p>
<p>Apply Dyax at 0.4 L/ha at the beginning of flowering or at the onset of symptoms to control rust, anthracnose, Asian soybean rust, and powdery mildew. Apply Dyax at 0.6 to 0.8 L/ha at 20 to 50% flowering to suppress white mold.</p> <p>Do not make sequential applications of Dyax. If disease persists or weather conditions are favourable for disease development make a second application 10 to 14 days later, with a fungicide that contains a different mode of action.</p> <p>The use of a non ionic surfactant (0.125% v/v) is recommended.</p>		

Edible Podded Legumes Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Jack bean, pigeon pea, soybean (immature seed), sword bean	<u>Disease Controlled</u> Asian soybean rust (<i>Phakopsora pachyrhizi</i>) Powdery mildew (<i>Erysiphe</i> spp.)	0.4
<i>Phaseolus</i> spp., runner bean, snap bean, wax bean <i>Vigna</i> spp., asparagus bean, Chinese longbean, moth bean, yardlong bean <i>Pisum</i> spp., dwarf pea, edible-podded pea, snowpea, sugar snap pea	<u>Disease Suppressed</u> Ascochyta blight (<i>Ascochyta</i> spp.) White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4
<p>Apply Dyax at 0.3 to 0.4 L/ha at the beginning of flowering or at the onset of symptoms to suppress ascochyta blight. For the suppression of white mold, apply Dyax at 0.3 to 0.4 L/ha at the beginning of flowering.</p> <p>Do not make sequential applications of Dyax. 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.</p> <p>The use of a non ionic surfactant (0.125 % v/v) is recommended.</p>		

Succulent Shelled Pea & Bean Application Rate Table (Ground and Aerial Application)

Crop	Disease Controlled or Suppressed	Application Rate L/ha
Pigeon pea <i>Phaseolus</i> spp., lima bean, green	<u>Disease Controlled</u> Asian soybean rust (<i>Phakopsora pachyrhizi</i>) Powdery mildew (<i>Erysiphe</i> spp.)	0.4
<i>Vigna</i> spp., blackeyed pea, cowpea, southern pea <i>Pisum</i> spp., English pea, garden pea, green pea, broad bean	<u>Disease Suppressed</u> Ascochyta blight (<i>Ascochyta</i> spp.) White mold (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4
<p>Apply Dyax at 0.3 to 0.4 L/ha at the beginning of flowering or at the onset of symptoms to suppress ascochyta blight. For the suppression of white mold, apply Dyax at 0.3 to 0.4 L/ha at the beginning of flowering.</p> <p>Do not make sequential applications of Dyax. 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.</p>		

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

Alfalfa Application Rate Table (Ground and aerial application)

Alfalfa grown for seed production in Manitoba, Saskatchewan, Alberta, and the Peace River Region of British Columbia

Crop	Disease Controlled or Suppressed	Application rate (L/ha)
Alfalfa for seed production	<u>Disease Controlled</u> Common leaf spot (<i>Pseudopeziza medicaginis</i>)	0.4
	<u>Disease Suppressed</u> Blossom blight (<i>Sclerotinia sclerotiorum</i>)	0.3 – 0.4

For optimal disease control, apply **Dyax** at the beginning of flowering (10-30% bloom) or at the onset of disease. Do not make more than 1 application per year.

Do not make sequential applications of **Dyax**. 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.

Dyax 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 Year	Maximum Number of Sequential Applications	Maximum Product Rate per Ha per Year (Litres)
Canola (including rapeseed, <i>juncea</i>), mustard	21	0.40	2	1	0.80
Sunflower	21	0.40	2	1	0.80
Flax	21	0.40	2	1	0.80
Soybean	21	0.40	2	1	0.80
Dry pea	30	0.40	2	1	0.80
Lentil	30	0.40	2	1	0.80
Chickpea	30	0.40	2	1	0.80
Fababean	30	0.40	2	1	0.80
Dry bean	30	0.80	2	1	1.60
Edible podded legumes	7	0.40	2	1	0.80
Succulent shelled pea and bean	7	0.40	2	1	0.80

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Alfalfa	N/A	0.40	1	1	0.40
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Ground application

Apply **Dyax** 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 **Dyax** 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.

Spray Buffer Zones

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

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:				Terrestrial Habitat
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Canola, flax, sunflower, soybeans, dry peas, field peas, lentils, chickpeas, fababeans, edible podded legumes, succulent shelled peas and beans, alfalfa		5	1	1	1	0
	Dry beans		10	1	1	1	1
Aerial	Canola, flax, sunflower, soybeans, dry peas, field peas, lentils, chickpeas, fababeans, edible podded legumes, succulent shelled peas and beans, alfalfa	Fixed and rotary wing	150	10	10	1	0
	Dry beans	Fixed and rotary wing	450	15	15	10	15

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.

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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.

ENVIRONMENTAL PRECAUTIONS

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 **Dyax** contains both a Group 7 (fluxapyroxad) and Group 11 (pyraclostrobin) fungicide. Any fungal population may contain individuals naturally resistant to **Dyax** 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 **Dyax** 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 **Dyax** before alternating to at least one application of a fungicide with different mode of action other than Group 7 and Group 11.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- **Dyax** 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.

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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 **Dyax** 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. All 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.
3. **DO NOT** use in greenhouses.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **DO NOT** take internally. Fatal or poisonous if swallowed.
3. **DO NOT** get in eyes. May irritate skin. Avoid contact with skin and clothing.
4. Harmful if inhaled. Avoid inhalation/breathing sprays.
5. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
6. **DO NOT** re-enter treated area for 12 hours after application.
7. 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.

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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.

8. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
9. Clean spray equipment thoroughly after use.
10. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
11. 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.

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. 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 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.

STORAGE

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

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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 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.