

2022-0975
2022-03-04

Container Label

GROUP	3	7	FUNGICIDE
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BAS 752 RC

FUNGICIDE

For use in Canola/Rapeseed, Flax, Dry Pea, Lentil, Chickpea, Fababean and Potato

Suspension Concentrate

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Mefentrifluconazole 200 g/L
Fluxapyroxad200 g/L

Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00111%, 2-methyl-4-isothiazolin-3-one at 0.00037%, 1,2-benzisothiazolin-3-one at 0.0400% and 2-bromo-2-nitropropane-1,3-diol at 0.0240%, as preservatives.

OR

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one at 0.0078%, as preservatives

Warning, contains the allergen soy

REGISTRATION NO. 33402

PEST CONTROL PRODUCTS ACT

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

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, Ontario L4W 0B6
1-877-371-2273

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
3. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
4. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit.
5. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
6. Clean spray equipment thoroughly after use.
7. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
8. 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.

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TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

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

DISPOSAL

For 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 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.

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Booklet

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

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GENERAL INFORMATION

BAS 752 RC is a broad-spectrum fungicide containing two active ingredients: fluxapyroxad and mefentrifluconazole. Optimum disease management is achieved when **BAS 752 RC** is applied in a regularly scheduled protective spray program and is used in a rotation program with other non-Group 3 and non-Group 7 fungicides.

MODE OF ACTION

Each of the components in **BAS 752 RC** provides a different mode of action against plant pathogenic fungi. Mefentrifluconazole inhibits demethylation of sterol biosynthesis (DMI) which disrupts cell membrane synthesis and is classified by the Fungicide Resistance Action Committee (FRAC) as a Group 3 fungicide. Fluxapyroxad belongs to the group of respiration inhibitors classified by the Pest Management Regulatory Agency (PMRA) as Succinate Dehydrogenase Inhibitors (SDHI) which is classified by FRAC as a Group 7 fungicide.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
3. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
4. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit.
5. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
6. Clean spray equipment thoroughly after use.
7. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
8. 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.

ENVIRONMENTAL PRECAUTIONS

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

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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.

Mefentrifluconazole and fluxapyroxad are persistent and may carry over. It is recommended that any products containing mefentrifluconazole or fluxapyroxad not be used in areas treated with this product during the previous season.

RESTRICTIONS AND LIMITATIONS

1. All crops on this label can be grazed or fed to livestock, except for canola (rapeseed) forage. For livestock feeding and grazing, observe the minimum preharvest intervals specified for each crop under the crop-specific table.
2. Crop Rotation Restrictions: All crops on this label may be planted immediately after the last application. Crops not on this label must not be planted within 1 year after the last application.
3. **DO NOT** use in greenhouses.

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.

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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.

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TOXICOLOGICAL INFORMATION

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

<p>All Crops</p> <p>Apply recommended rates of BAS 752 RC as instructed in the following series of crop application rate tables. Apply BAS 752 RC with spray equipment as specified. Equipment should be checked frequently for proper calibration.</p> <p>Apply before disease develops. See crop-specific requirements for exceptions.</p> <p>The addition of a spreading/penetrating adjuvant may be used with BAS 752 RC to improve coverage and disease control performance, but is not required.</p> <p>DO NOT make more than two (2) sequential applications of BAS 752 RC targeting the same disease before alternating to a labeled fungicide containing a different mode of action.</p>
<p>TANK MIXING</p> <p>In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced control efficacy or increased host crop injury. The user should contact BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by BASF Canada Inc.</p> <p>When applied as a tank-mix combination, read and observe all label directions, including rates, personal protective equipment, restrictions and precautions for each product used in the tank-mix. Always use in accordance with the most restrictive label restrictions and precautions.</p>

When applied as directed, **BAS 752 RC** will control the listed diseases, unless otherwise indicated as suppression.

<p>Canola/Rapeseed Application Rate Table (Ground and Aerial Application)</p>			
Disease Controlled	Application Rate (L/ha)	Pre-harvest interval (PHI) (days)	Maximum per year (L/ha)
Blackleg (<i>Leptosphaeria maculans</i>)	0.375	21	0.75
<p>Apply BAS 752 RC at the 2 to 6-leaf stage to control blackleg. Apply an additional application at an interval of 10-14 days if disease persists or weather conditions are favourable for disease development.</p> <p>Canola/rapeseed forage cannot be grazed or fed to livestock.</p>			

Flax Application Rate Table (Ground and Aerial Application)			
Disease Controlled	Application Rate (L/ha)	PHI and animal feed interval (days)	Maximum per year (L/ha)
Pasmo (<i>Septoria linicola</i>) White mold (<i>Sclerotinia sclerotiorum</i>) - Suppression	0.375	21	0.75
Begin applications of BAS 752 RC prior to disease development. Apply an additional application at an interval of 10-14 days if disease persists or weather conditions are favourable for disease development.			

Dry Pea (<i>Pisum</i> spp.), Lentil, Chickpea, Fababean Application Rate Table (Ground and Aerial Application)			
Disease Controlled	Application Rate (L/ha)	PHI and animal feed interval (days)	Maximum per year (L/ha)
Mycosphaerella blight (<i>Mycosphaerella pinodes</i>) Ascochyta blight (<i>Ascochyta</i> spp.) Powdery mildew (<i>Erysiphe</i> spp.) Anthracnose (<i>Colletotrichum truncatum</i>) - Suppression Whitemold (<i>Sclerotinia sclerotiorum</i>) - Suppression	0.375	21	0.75
Begin applications of BAS 752 RC prior to disease development. Apply an additional application at an interval of 10-14 days if disease persists or weather conditions are favourable for disease development.			

Potato Application Rate Table (Ground and Aerial Application)			
Disease Controlled	Application Rate (L/ha)	PHI and animal feed interval (days)	Maximum per year (L/ha)
Early blight (<i>Alternaria solani</i>)	0.375	21	1.5
Begin applications of BAS 752 RC prior to disease development. Apply an additional application at an interval of 7-10 days if disease persists or weather conditions are favourable for disease development.			

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 **BAS 752 RC** to the tank.
4. Add the required amount of the tank mix 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.

APPLICATION INSTRUCTIONS

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.

Ground Application

Apply **BAS 752 RC** 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.

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Aerial Application

Apply **BAS 752 RC** 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.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other nontarget areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

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 over a long-sleeved shirt and long pants, socks and chemical-resistant footwear and goggles or face shield during mixing/loading, clean-up and repair. 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.

Restrictions

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.

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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.

Buffer Zones

Spot treatments using hand-held equipment **DO NOT** require a buffer zone.

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

Method of application	Crop		Buffer Zones (metres) Required for the Protection of Freshwater Habitat of Depths:	
			Less than 1 m	Greater than 1 m
Field sprayer	Canola, rapeseed, flax, dry pea, lentil, chickpea, and fababean		1	1
	Potato		2	1
Aerial	Canola, rapeseed, flax, dry pea, lentil, chickpea, and fababean	Fixed wing	15	1
		Rotary wing	15	1
	Potato	Fixed wing	30	1
		Rotary wing	25	1

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.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **BAS 752 RC** contains a Group 3 and 7 fungicide. Any fungal population may contain individuals naturally resistant to **BAS 752 RC** and other Group 3 and 7 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.

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To delay fungicide resistance:

Where possible, rotate the use of **BAS 752 RC** or other Group 3 and 7 fungicides with different groups that control the same pathogens. **DO NOT** exceed the total number of applications of **BAS 752 RC** per season as stated in the Crop-Specific Restrictions and Limitations.

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 BASF Canada if reduced sensitivity of the pathogen to **BAS 752 RC** 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 BASF Canada Inc. at 1-877-371-2273 or at www.agsolutions.ca.

STORAGE

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

DISPOSAL

For 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 requirements.

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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

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NOTICE TO USER

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