

2024-6769

2025-02-27

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. In your email please include the product name and Registration number of the label you are requesting.

Group	3	7	Fungicide
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F9651-2 FUNGICIDE
Suspension Concentrate

For the control or suppression of diseases in wheat (spring, durum and winter), barley, oats and soybeans

AGRICULTURAL

ACTIVE INGREDIENTS:

Bixafen160 g/L
Tebuconazole340 g/L

Contains 5-Chloro-2-Methyl-2H-isothiazol-3-one at 0.0016% and 2-Methyl-2H-isothiazol-3-one at 0.0005% as preservatives.

REGISTRATION NO. 33453 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING



POISON

IN CASE OF EMERGENCY, CALL 1-800-331-3148 (24 HOURS)

Label

Net Contents: 0.5L to Bulk

FMC of Canada Limited
 6755 Mississauga Road, Suite 204
 Mississauga, ON L5N 7Y2
 1-833-362-7722

PMRA Approved 2020-1059

Proposed label 2024-12-13

PRECAUTIONS

- **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
- **KEEP OUT OF REACH OF CHILDREN AND PREVENT ACCESS BY UNAUTHORIZED PERSONNEL.**
- Harmful or fatal if swallowed.
- Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
- 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

For mixing, loading, and application using all other application equipment, the following label statements are required on all commercial-class product labels, unless more protective statements are already present:

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 or cockpit.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

RESTRICTED-ENTRY INTERVALS

- **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

ENVIRONMENTAL PRECAUTIONS

This product contains active ingredients and aromatic petroleum distillates which are TOXIC to aquatic organisms. TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to birds and small wild animals.

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.

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

PMRA Approved 2020-1059

Proposed label 2024-12-13

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. DO NOT give any liquid to the person. 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 to 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.

STORAGE

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

DISPOSAL

Recyclable container: 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.

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 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.

Disposal of unused, unwanted product: For information on 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.

Group

3

7

Fungicide

F9651-2 Fungicide**Suspension Concentrate**

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AGRICULTURAL**ACTIVE INGREDIENTS:****Bixafen**.....160 g/L**Tebuconazole**340 g/L

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CONTROL PRODUCTS ACT**

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN**IN CASE OF EMERGENCY, CALL 1-800-331-3148 (24 HOURS)**

Booklet

Net Contents: 0.5L to Bulk

FMC of Canada Limited
6755 Mississauga Road, Suite 204
Mississauga, ON L5N 7Y2
1-833-362-7722

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USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
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- **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

ENVIRONMENTAL PRECAUTIONS

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TOXIC to birds and small wild animals.

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.

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

FIRST AID

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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.

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TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

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Recyclable container: 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:

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Disposal of unused, unwanted product: For information on 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.

USE INSTRUCTIONS AND INFORMATION

Spray Drift Management

Minimizing spray drift at the application site is the responsibility of the applicator and the grower. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

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 inversion, application equipment and sprayer settings.

One of the most effective ways to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage for pesticide performance. Applying larger droplets reduces drift potential but will not reduce drift if applications are made improperly or under unfavorable environmental conditions.

Controlling Spray Droplet Size

Volume: Use high flow rate nozzles to apply the greatest practical spray volume. Nozzles with higher rated flow generally produce larger droplets.

Pressure: When higher flow rates are needed, use higher flow rate nozzles rather than increasing spray pressure. **DO NOT** exceed the nozzle manufacturer's recommended pressures. Lower pressure produces larger droplets in many types of nozzles.

Nozzle Type: Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles for both ground and aerial applications. Solid stream nozzles oriented straight back usually produce the largest droplets and the lowest drift potential in aerial applications.

DIRECTIONS FOR USE

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTION FOR USE.

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.”

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.”

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.

Product specific precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-833-362-7722 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 45 litres per hectare.

Spray Buffer zones:

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

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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Spray buffer zones (metres) required for the protection of				
		Freshwater habitat of depths		Estuarine/Marine habitat of depth		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Barley, Wheat (winter, spring, durum, hard red, Canada prairie, soft white), Spring Barley, Oat, Soybean,	1	0	0	0	1

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		
Aerial	Wheat (winter, durum, spring), Barley, Oats	Fixed-wing	1	0	0	0	15
		Rotary-wing	1	0	0	0	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 website.

MIXING INSTRUCTIONS: Ensure the sprayer tank, filter and lines are clean, then put one half the required water volume in the spray tank. Add the required amount of F9651-2 Fungicide to the tank. Agitate to ensure thorough mixing while filling tank with remaining water. Maintain agitation during application and apply with properly calibrated application equipment. A prepared spray mixture should be used as soon as possible in the same day, especially if the water used for mixing is alkaline (greater than pH of 7).

A high quality, nonionic spreader can be used as a spray tank additive for every application. F9651-2 Fungicide should be added to the tank before the addition of any adjuvant. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with F9651-2 Fungicide.

APPLICATION TIMING: F9651-2 Fungicide can be used in a preventive spray program to manage diseases in labeled crops. Complementary dual modes of action provided by F9651-2 Fungicide helps prevent the development of disease resistance. It is recommended that this product be used within an Integrated Pest Management Program (IPM), rotating with non FRAC 3 or FRAC 7 fungicides. Carefully read, and understand, and follow all directions and precautions. Disease pressure and environmental conditions will determine application rates and the length of the spray intervals. Consult local disease advisory system recommendations to determine the predicted disease pressure and the associated application rates and intervals.

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 pest efficacy or increased host crop injury. The user should contact FMC of Canada Limited at 1-833-362-7722 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 FMC of Canada Limited.

GROUND APPLICATION: Maximum benefit of F9651-2 Fungicide from foliar applications requires coverage both outside and inside the plant canopy. Thorough coverage of foliage is obtained by using proper spray pressure, a minimum of 100 litres water per hectare, appropriate nozzles that provide uniform spray distribution and minimize drift, nozzle spacing and sprayer speed. Follow recommendations of nozzle manufacturer for nozzle pressures.

PRODUCT RESTRICTIONS

AERIAL APPLICATION: DO NOT apply in less than 45 litres water per hectare.

WATER BODIES: DO NOT apply when spray could drift into a body of water.

FORAGE: DO NOT feed hay or threshings or allow livestock to graze in treated areas.

PRE-HARVEST INTERVAL (PHI): Follow the PHI for each crop.

ROTATIONAL CROP GUIDELINES: Crops appearing on this label may be planted on the day of the last application. All other crops not appearing on this label may be planted 120days after the last application.

Crop	Maximum single application rate (g a.i./ha)	Maximum number of applications per year	Maximum total rate per year (g a.i./ha)	Retreatment interval (days)	Application methods
Barley	126	1	126*	N/A	Foliar
	65	2	130*	14	Foliar
Oats	125	1	125*	N/A	Foliar

	65	2	130*	14	Foliar
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Crop	Maximum single application rate (g a.i./ha)	Maximum number of applications per year	Maximum total rate per year (g a.i./ha)	Retreatment interval (days)	Application methods
Soybean	136	1	136*	N/A	Foliar
	65	2	130*	10	Foliar
Wheat	126	1	126*	N/A	Foliar
	65	2	130*	14	Foliar

N/A - Not applicable

* Maximum total rate per year is calculated based on the maximum number of applications (1 or 2) permitted per year.

The maximum seasonal rate permitted for any product or combination of products containing tebuconazole is 136 g a.i./ha.

APPLICATION INSTRUCTIONS

WHEAT (SPRING, DURUM AND WINTER), BARLEY, OATS

Disease (pathogen)	Rate	Application Directions
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Septoria leaf blotch (<i>Septoria tritici</i> , <i>S. passerinii</i>) on wheat and barley	279 – 364 ml/ha (140 - 182 g ai/ha)	Apply F9651-2 Fungicide in a protective spray schedule or when weather conditions are favorable for disease development and disease thresholds are met. Apply the higher rate under conditions of high disease pressures. If early season application is required, the low application rate is recommended. Application of high rate at flag leaf ligule emergence protects the upper foliage during critical grain fill period. A non-ionic surfactant can be tank-mixed with F9651-2 Fungicide at a rate of 0.25% v/v to improve efficacy. F9651-2 Fungicide needs two to four hours of drying time on plant foliage to move systemically into plant tissue and be resistant to weathering, before rain or irrigation occurs. Apply with a minimum of 100 litres of water per hectare for ground application and a minimum of 45 litres of water per hectare for aerial application DO NOT irrigate for 24 hours after application.
Tan spot (<i>Pyrenophora tritici-repentis</i>) on wheat		
Leaf rust (<i>Puccinia triticina</i> syn. <i>P.recondita</i> ; <i>Puccinia hordei</i>) on wheat and barley		
Stem rust (<i>Puccinia graminis</i>)		
Stripe rust (<i>Puccinia striiformis</i>) on wheat and barley		
Powdery mildew (<i>Blumeria graminis</i>)		
Septoria glume blotch (<i>Stagonospora nodorum</i>) on wheat	364 ml/ha (182 g ai/ha)	
Crown rust (<i>Puccinia coronata</i>) on oats	279 ml/ha (140 g ai/ha)	
Restrictions:		
<ul style="list-style-type: none"> • Maximum 1 application per season. • PHI for cereal crops is 30 days • F9651-2 Fungicide may be applied up to 10 days before harvest for forage, 20 days for hay, and 30 days before harvest for grain or stover. 		

SOYBEAN

DISEASE (pathogen)	Use Rate	Application Directions
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<p>Frogeye leaf spot (<i>Cercospora sojina</i>)</p> <p>Asian Soybean Rust (<i>Phakopsora pachyrhizi</i>)</p>	<p>279 – 400 ml/ha (140 - 200 g ai/ha)</p>	<p>Apply F9651-2 Fungicide in a protective spray schedule or when weather conditions are favorable for disease development. Apply the higher rate under conditions of high disease pressures.</p> <p>A second application may be made after a minimum of 10 to 14 days.</p> <p>Apply with a minimum of 100 litres of water per hectare for ground application.</p>
<p>Suppression of Brown spot (<i>Septoria glycines</i>)</p>	<p>370 ml/ha (185 g ai/ha)</p>	<p>A non-ionic surfactant can be tank-mixed with F9651-2 Fungicide at a rate of 0.125 – 0.25% v/v to improve efficacy.</p> <p>For management of fungal pathogen resistance development, DO NOT make more than half the number of applications per season with the same FRAC group.</p>
<p>Restrictions:</p> <ul style="list-style-type: none"> • The number of foliar applications per year for soybean are reduced to either 1 application at 136 g a.i./ha or 2 applications at 65 g a.i./ha at a minimum 10-day interval. • F9651-2 may be applied up to 20 days before harvest. • Do not feed hay or threshings or allow livestock to graze in treated areas. • Do not apply with aerial application equipment 		

AERIAL APPLICATION:

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 rate and conditions of this label.

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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 Committed 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 within 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, 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 1-833-362-7722 or obtain technical advice from the distributor or your provincial agricultural representative.

Resistance Management:

For resistance management, F9651-2 Fungicide contains Group 3 and Group 7 fungicides. Any fungal population may contain individuals naturally resistant to F9651-2 Fungicide and other Group 3 or Group 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.

To delay fungicide resistance:

- Where possible, rotate the use of F9651-2 Fungicide or other Group 3 or Group 7 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify FMC of Canada Limited if reduced sensitivity of the pathogen to F9651-2 Fungicide is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact FMC of Canada Limited at 1-833-

362-7722 or at <https://ag.fmc.com/ca/en>.

F9651-2 Fungicide and FMC are Trademarks of FMC Corporation or an affiliate.