

PMRA Approved Label
2024-0789
2025-08-29
(Container)



GF-4536 SC

Fungicide

Adavelt active

GROUP	21	FUNGICIDE
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For disease control or suppression on listed crops

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: Florylpicoxamid 100 g/L

Contains 1,2-benzisothiazolin-3-one at 0.019 % as a preservative

Suspension Concentrate

REGISTRATION NO. 35612 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.5 L - bulk

Corteva Agriscience Canada Company

Suite 240, 115 Quarry Park Rd. SE

Calgary, AB

T2C 5G9

1-800-667-3852

™Trademark of Corteva Agriscience and its affiliated companies.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Keep unused product in original container tightly closed, locked up and away from food and feed.

DO NOT apply using handheld mistblower/airblast or handheld fogging equipment.

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.

Restricted entry interval (REI): DO NOT enter or allow worker entry into treated areas during a restricted entry interval (REI) listed below:

When the PHI and REI for harvesting activities differ, the longer interval must be followed.

Crop	Activity	Restricted Entry Interval (REI)	Preharvest Interval (PHI)
Grape, table	Girdling, turning	37 days	10 days
Grape, table and wine	Hand harvesting, leaf pulling by hand, tying/training	2 days	
	All other activities	12 hours	
Broccoli, garden beet, carrot, cucumber, summer squash (including crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), nectarine, peach, cherry (Crop Subgroup 12-09A), onions, strawberry, tomato, pepper	All activities	12 hours	1 day
Hops	Mechanically-assisted harvesting	37 days	14 days
	All other activities	12 hours	
Potato	All activities	12 hours	7 days

PROTECTIVE CLOTHING AND EQUIPMENT**Application with Ground boom Equipment**

- Follow the personal protective equipment, engineering control and restriction requirements for the appropriate mixer/loader and applicator scenario as described below. These restrictions are required to minimize exposure to the worker. Rinse gloves before removal. Gloves are not required during application within a closed cab. Wear freshly laundered clothing and clean protective equipment daily.

Application Equipment	Personal Protective Equipment	Restricted Amount of Product Handled per Day per Person
	Mixer/Loader/Applicator/Clean-up and Repair	
Groundboom	Long-sleeved shirt, long pants, chemical-resistant gloves ¹ , socks and shoes.	No restriction

Mechanically-pressurized handgun ²	Long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes.	Less than 25.4 L
	Chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear.	Greater than or equal to 25.4 L
All other handheld equipment ²	Long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes.	No restriction

¹ Gloves are not required within a closed cab

² Wear eye, head and respiratory protection when applying above waist height, including overhead.

- Wash hands with soap and water before eating, drinking, using tobacco, using the toilet or using a handheld device.
- If fungicide penetrates clothing, remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.
- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower immediately using soap and water.

FIRST AID

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

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 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.

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.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. Treat symptomatically. Product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL PRECAUTIONS

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

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland. Care should be taken when using this product in an integrated pest management program where users are relying on the presence of beneficial arthropods.

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.

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

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

STORAGE

Store this product away from food or feed. Store in original containers in a secure, dry heated storage. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

DISPOSAL

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. Follow provincial or territorial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty, rinsed container unsuitable for further use.
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Returnable Containers:

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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 information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial 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.

(Booklet)



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PRODUCT INFORMATION

GF-4536 SC Fungicide is a group 21 preventative fungicide for use in listed crops to control or suppress plant diseases. GF-4536 SC Fungicide is quickly absorbed into plant tissue and is locally systemic with translaminar movement.

GF-4536 SC Fungicide should be included in a protective spray program and used in a rotation program with other fungicides.

Thorough coverage of the crop is essential. Ensure this by increasing water volume with plant growth stage. Do not apply when conditions are unsuitable for water-based spray applications.

Avoid high temperature, strong winds, inversion conditions, imminent rain or any conditions that may reduce the quality of spray coverage or result in drift from the target area. Techniques to minimise drift should be always employed when applying sprays to, or near, sensitive areas.

DIRECTIONS FOR USE

- 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.
- Apply GF-4536 SC Fungicide in a uniform spray with groundboom or airblast equipment (see Application Directions sections).
- Good spray coverage and canopy penetration are important for best results.
- **DO NOT** apply through any type of irrigation system.

CROPS REGISTERED AND DISEASES CONTROLLED/SUPPRESSED

Crop	Diseases controlled or suppressed
Strawberry	Grey mould (<i>Botrytis cinerea</i>)
Grapes, table and wine	Powdery mildew (<i>Uncinula necator</i>) Botrytis grey mould (<i>Botrytis cinerea</i>)
Onions	Botrytis leaf blight (<i>Botrytis squamosa</i>), botrytis leaf fleck (<i>Botrytis cinerea</i>)

Cucumber, summer squash (including crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini)	Powdery mildew (<i>Podosphaera xanthii</i>)
Broccoli	Alternaria leaf spot (<i>Alternaria brassicicola</i>)
Pepper	Powdery mildew (<i>Leveillula taurica</i>)
Tomato	Early blight (<i>Alternaria solani</i>) - suppression
Hops	Powdery mildew (<i>Podosphaera macularis</i>)
Potato	Early blight (<i>Alternaria solani</i>)
Carrot	Alternaria leaf spot/blight (<i>Alternaria dauci</i>) - suppression Cercospora leaf spot/blight (<i>Cercospora carotae</i>) - suppression
Garden beet	Cercospora leaf blight (<i>Cercospora beticola</i>)
Cherry (Crop Subgroup 12-09A), Peach, Nectarine	Powdery mildew (<i>Podosphaera cerasi</i>) Blossom blight (<i>Monilinia fructicola</i>) - suppression Fruit brown rot (<i>Monilinia fructicola</i>) - suppression

GENERAL INFORMATION

GENERAL USE PRECAUTIONS

READ THE ENTIRE LABEL BEFORE USE. All applications must be made according to the use directions that follow.

APPLICATION DIRECTIONS (GROUND APPLICATION)

Ground Application

Thorough coverage of crop is essential to obtain good control.

Field sprayer (groundboom) application

Using field sprayer equipment, apply GF-4536 SC Fungicide as a broadcast treatment in a minimum spray volume of 150 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER.

DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty.

DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) Medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application

DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows.

DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Airblast Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 500 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER. Water volume should exceed the minimum recommendation at later stages of fruit development.
2. Spray Quality: Select nozzles and pressure to achieve ASABE fine sized droplets.
3. Spray Distribution: Select nozzles, orient deflectors, and adjust air speed and volume to ensure only the canopy is sprayed. Spray should just reach the top of the target. Account for the shape and canopy density of the target when setting spray distribution. Apply at uniform speed and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to avoid potential crop injury from over application.

DO NOT apply by air.

Mixing Instructions

1. Clean spray tank following sprayer clean-up recommendations on the label of the product applied previously.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of GF-4536 SC Fungicide to the tank and agitate to ensure complete mixing.
4. Continue agitation while filling the remainder of the spray tank with water.
5. After any break in spraying operations, agitate thoroughly before spraying again.
6. Spray the pesticide suspension the same day as mixing.
7. After use, clean the spray tank.

CROP ROTATION

Crops listed on the GF-4536 SC Fungicide label may be planted immediately following the last application. All other crops can be planted 30 days after last application.

USE DIRECTIONS**Crops: Grape, table and wine**

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Grape, table and wine	Botrytis grey mould (<i>Botrytis cinerea</i>)	1.2 -1.5	Apply a maximum of two (2) applications with individual applications at beginning of cap fall, bunch closure, veraison, or 3-4 weeks before harvest, depending on disease conditions and varietal susceptibility.

	Powdery mildew (<i>Uncinula necator</i>)	1.0 - 1.2 - 1.5	<p>Apply a maximum of three (3) applications on a 10-to-14-day interval.</p> <p>For best powdery mildew control, start applications preventatively, prior to disease development. Alternatively, prior to disease development, when applying for botrytis grey mould, powdery mildew will be controlled.</p> <p>Use the shorter re-application interval and/or the higher application rate when conditions are favorable to disease development.</p>
<p>Remarks: Apply a maximum of three (3) applications in total per year. Apply at the recommended timings for effective disease control. Apply as an airblast or broadcast foliar spray in sufficient water to obtain thorough coverage of leaves and bunches. A minimum of 500 L/ha is recommended. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>			
<p>Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 10 days</p>			
<p>Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year in total or 1/2 of total sprays in a program, whichever is the lower. - Apply a maximum of two sequential applications.</p>			

Crop: Broccoli

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Broccoli	Alternaria leaf spot (<i>Alternaria brassicicola</i>)	1.5	<p>Apply a maximum of three (3) applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility.</p> <p>For best disease control, start applications preventatively, prior to disease development. Under high disease pressure use the shorter re-application interval.</p>

<p>Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>
<p>Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Re-treatment Interval: 7 days</p>
<p>Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower. - Avoid sequential applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide and alternate to a labeled fungicide with a different FRAC Group.</p>

Crop: Carrot and Garden Beet

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Garden beet	Cercospora leaf blight (<i>Cercospora beticola</i>)	1.5	Apply a maximum of three (3) applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility. For best disease control, start applications preventatively, prior to disease development. Under high disease pressure use the shorter re-application interval and/or the higher application rate, where applicable.
Carrot	Suppression of: Alternaria leaf spot/blight (<i>Alternaria dauci</i>) Suppression of: Cercospora leaf spot/blight (<i>Cercospora carotae</i>)	1.0 - 1.5	
<p>Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>			
<p>Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days</p>			
<p>Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower. - Apply a maximum of two sequential applications.</p>			

Crop: Cucurbits

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Cucumber, Summer squash (including crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini)	Powdery mildew (<i>Podosphaera xanthii</i>)	1.0	Apply a maximum of three (3) applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility. For best disease control, start applications preventatively, prior to disease development. Under high disease pressure use the shorter re-application interval and/or the higher application rate.
<p>Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>			
<p>Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 3.0 L/ha (300 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days</p>			
<p>Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or cropping cycle or a maximum of 1/3 of total sprays in a program, whichever is lower. - Apply a maximum of two sequential applications.</p>			

Crop: Hops

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Hops	Powdery mildew (<i>Podosphaera macularis</i>)	1.0 - 1.5	For use on vegetative hop vines only. Apply a maximum of three (3) applications per year on a 7-to-8-day interval. For best powdery mildew control start applications preventatively, prior to disease development or when environmental conditions are conducive to disease development.

			Under high disease pressure use the shorter re-application interval and/or the higher application rate.
Remarks: Apply as an airblast or broadcast foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.			
Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days			
Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower. - Apply a maximum of two sequential applications.			

Crop: Cherry (Crop Subgroup 12-09A), Nectarine and Peach

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Nectarine, Peach	Suppression of: Blossom blight (<i>Monilinia fructicola</i>)	1.0	Make one (1) application between early bloom and petal fall
	Suppression of: Fruit brown rot (<i>Monilinia fructicola</i>)	1.5	Make one (1) application within 1 to 21 days prior to harvest.
Cherry (Crop Subgroup 12-09A): capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry; tart; Cultivars, varieties, and hybrids of these commodities	Powdery mildew (<i>Podosphaera cerasi</i>)	1.5	Apply a maximum of three (3) applications on a 7- to 14-day interval up to harvest. For best powdery mildew control start applications preventatively, prior to disease development or when environmental conditions are conducive to disease development. Under high disease pressure use the shorter re-application interval.

<p>Remarks: Apply a maximum of two (2) applications in total per year for nectarine and peach. Apply a maximum of three (3) applications in total per year for cherry. Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines. Apply as an airblast or broadcast spray in sufficient water for thorough coverage. A minimum of 400 L/ha is recommended.</p>
<p>Use Restrictions: - DO NOT make more than two (2) applications per year on nectarine and peach. DO NOT make more than three (3) applications per year on cherry. - DO NOT apply more than 2.5 L/ha (250 g ai/ha) of GF-4536 SC Fungicide per year on nectarine and peach. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year on cherry. - Minimum Retreatment Interval: 7 days</p>
<p>Resistance Management: - Apply a maximum of two (2) applications for nectarine and peach or three (3) applications for cherry of GF-4536 SC Fungicide or other FRAC Group 21 fungicides per year or 1/3 of total sprays in a program whichever is the lower.</p>

Crop: Onion

Crop	Disease Suppressed	Rate (L/ha)	Application Timing
Onions: Bulb onion; Green onion	Botrytis leaf blight (<i>Botrytis squamosa</i>), Botrytis leaf fleck (<i>Botrytis cinerea</i>)	1.5	Apply a maximum of three (3) applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility. For best disease control, start applications preventatively, prior to disease development. Under high disease pressure use the shorter re-application interval.
<p>Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>			
<p>Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days</p>			

Resistance Management:

- Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower.
- Apply a maximum of two sequential applications.

Crop: Potato

Crop	Disease Suppressed	Rate (L/ha)	Application Timing
Potato	Early blight (<i>Alternaria solani</i>)	1.0 - 1.5	Apply a maximum of 3 applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility. For best disease control, start applications preventatively, prior to disease development. Under high disease pressure use the shorter re-application interval and/or the higher application rate.
Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.			
Use Restrictions: - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days - DO NOT allow cattle or other livestock to feed upon the leaves of root and tuber vegetables.			
Resistance Management: - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower. - Apply a maximum of two sequential applications.			

Crop: Strawberry

Crop	Disease Controlled	Rate (L/ha)	Application timing
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Strawberry	Grey mould (<i>Botrytis cinerea</i>)	1.2 - 1.5	<p>Apply a maximum of three (3) applications per year on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility.</p> <p>Begin applications prior to disease development or when conditions are conducive for disease.</p> <p>For grey mould apply during flowering and fruit development.</p> <p>Under high disease pressure use the shorter re-application interval and/or the higher application rate.</p>
<p>Remarks: Apply at the recommended timings for effective disease control. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.</p>			
<p>Use Restrictions:</p> <ul style="list-style-type: none"> - DO NOT make more than three (3) applications at the maximum rate per year. - DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year. - Minimum Retreatment Interval: 7 days 			
<p>Resistance Management:</p> <ul style="list-style-type: none"> - Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower. - Apply a maximum of two sequential applications. 			

Crop: Tomato and Peppers

Crop	Disease Controlled	Rate (L/ha)	Application Timing
Tomato	Suppression of: Early blight (<i>Alternaria solani</i>)	1.2 - 1.5	Apply a maximum of three (3) applications on a 7-to-10-day interval, depending on disease conditions and varietal susceptibility.
Pepper	Powdery mildew (<i>Leveillula taurica</i>)	1.0 - 1.5	<p>For best disease control, start applications preventatively, prior to disease development.</p> <p>Under high disease pressure use the shorter re-application interval and/or the higher application rate.</p>

Special Instructions

Apply at the recommended timings for effective disease control.
 Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.
 Use GF-4536 SC Fungicide as part of an Integrated Pest Management (IPM) program, following the resistance management guidelines.

Use Restrictions:

- DO NOT make more than three (3) applications at the maximum rate per year.
- DO NOT apply more than 4.5 L/ha (450 g ai/ha) of GF-4536 SC Fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower.
- Minimum Retreatment Interval: 7 days

Resistance Management:

- Apply a maximum of three (3) applications of GF-4536 SC Fungicide or other FRAC Group 21 fungicide per year or a maximum of 1/3 of total sprays in a program, whichever is lower.
- Apply a maximum of two sequential applications.

TRADE ADVICE: GF-4536 SC Fungicide may leave detectable chemical residues in harvested produce. Overseas markets may not have appropriate residue tolerances in place or may have established tolerances which are lower than Canadian maximum residue limits. Some crops for export to these destinations may require a longer harvesting withholding period. If you are using this product on crops destined for export, please contact your exporter for advice.

Tank Mixtures

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 Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

SPRAY BUFFER ZONES

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/Site	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 (groundboom)	Broccoli, garden beet, carrot, onion, potato, tomato, pepper, strawberry, hops, grape		10	1	1	1	1
	Cucumber and summer squash (crookneck squash, scallop squash, straightneck squash, vegetable marrow and zucchini)		5	1	1	1	0
Airblast	Hops, grape and cherry (Crop Subgroup 12-09A)	Early growth stage	45	20	20	10	1
		Late growth stage	35	10	10	5	1
	Peach and nectarine	Early growth stage	40	15	20	10	1
		Late growth stage	30	5	10	5	1

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 (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that GF-4536 SC Fungicide contains a Group 21 Fungicide. Any fungal population may contain individuals naturally resistant to GF-4536 SC Fungicide and other Group 21 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 GF-4536 SC Fungicide or other Group 21 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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 Corteva Agriscience Canada Company if reduced sensitivity of the pathogen to GF-4536 SC 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 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 pathogens.
- For further information and to report suspected resistance, contact Corteva Agriscience Canada Company representatives at 1-800-667-3852.

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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