

2023-2914
2024-05-17

Last reviewed:
2021-4750
2021-09-07

[Container]

GROUP	21	FUNGICIDE
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CYAZOFAMID 400SC FUNGICIDE COMMERCIAL

SUSPENSION

READ THE LABEL AND ATTACHED PAMPHLET BEFORE USING

ACTIVE INGREDIENT: Cyazofamid 34.5 %

Contains 400 grams of Cyazofamid per litre

Contains 1,2-benzisothiazolin-3-one at 0.015% as a preservative
OR

Contains 2-Bromo-2-nitropropane-1,3-diol at 0.007%
and

5-Chloro-2-methyl-4-isothiazolin-3-one at 0.00067%
and

2-Methyl-4-isothiazolin-3-one at 0.00022% as preservatives

REGISTRATION NO: 27984 PEST CONTROL PRODUCTS ACT

Net Contents: 500 ml to 200 L

ISK Biosciences Corporation
7470 Auburn Road
Suite A
Concord, Ohio 44077 U.S.A.
1-877-706-4640

SYLGARD is a registered trademark of Dow Corning Corporation.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

DO NOT take internally. Harmful if swallowed.

Avoid contact with eyes.

Avoid prolonged contact with skin. Wash exposed areas of skin thoroughly with soap and warm water after handling or using. Remove contaminated clothing and wash before re-use.

Avoid breathing spray mist.

During mixing, loading, applying, clean up and repair: Workers must wear a long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves. In addition, during mixing and loading, wear goggles.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 6 days for activities of girdling and turning of grapes.

Golf courses: Do not enter or allow entry until spray has dried.

Other uses (including sod farms): Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Do not use in residential areas other than golf courses.

Apply only when the potential for drift to areas of human habitation or areas of human activity (excluding golf courses) such as houses, cottages, schools and recreational areas including parks, school grounds, and playing fields is minimal, taking into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

STORAGE

Store this product away from food or feed. Store product in original container, in a secured, dry place separate from fertilizer, food, and feed.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial/territorial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial/territorial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

ENVIRONMENTAL PRECAUTIONS

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

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

Toxic to small wild mammals.

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 of this product 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.

FIRST AID

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 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 inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control centre or doctor for treatment advice.

In Case of Emergency: Call 1-888-484-7546.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

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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Avoid prolonged contact with skin. Wash exposed areas of skin thoroughly with soap and warm water after handling or using. Remove contaminated clothing and wash before re-use.

Avoid breathing spray mist.

During mixing, loading, applying, clean up and repair: Workers must wear a long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves. In addition, during mixing and loading, wear goggles.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 6 days for activities of girdling and turning of grapes.

Golf courses: Do not enter or allow entry until spray has dried.

Other uses (including sod farms): Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Do not use in residential areas other than golf courses.

Apply only when the potential for drift to areas of human habitation or areas of human activity (excluding golf courses) such as houses, cottages, schools and recreational areas including parks, school grounds, and playing fields is minimal, taking into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

STORAGE

Store this product away from food or feed. Store product in original container, in a secured, dry place separate from fertilizer, food, and feed.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial/territorial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial/territorial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones

specified under DIRECTIONS FOR USE.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

Toxic to small wild mammals.

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 of this product 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.

DIRECTIONS FOR USE

Cyazofamid 400SC Fungicide can be used in dilute sprays. Thorough, uniform coverage is essential for disease control.

NOTE: Slowly invert container several times to assure uniform mixture before adding to the spray tank.

Dosage rates on this label indicate litres of Cyazofamid 400SC Fungicide per hectare. Apply Cyazofamid 400SC Fungicide in sufficient water volume to obtain coverage of the foliage. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare unless specified otherwise. For all foliar applications, Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations.

The required amount of Cyazofamid 400SC Fungicide should be added slowly into the spray tank during filling. Keep agitator running when filling spray tank and during spray operations.

Since pathogens differ in their potential to develop resistance to fungicides, follow the directions outlined in the "Directions For Use" section of this label for specific resistance management strategies. Consult with your provincial/territorial agricultural authorities for guidance on the proper use of **Cyazofamid 400SC Fungicide** in programs that seek to minimize the occurrence of disease resistance.

Airblast application: DO NOT apply during periods of dead calm. 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.

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. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

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.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

DO NOT apply using fogging or ultra low volume equipment.

DO NOT apply using handheld mistblowers or handheld airblast equipment.

TANK MIXING AND COMPATIBILITY

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.

Cyazofamid 400SC Fungicide is generally compatible with other fungicides, insecticides, fertilizers and micronutrient products provided sufficient free water is available for dispersion of all the tank mix products. However, the physical compatibility of this product with tank mix partners must be evaluated before use. Conduct a jar test with intended tank-mix product(s) prior to preparation of large volumes. Use the following procedure: 1) Pour the recommended proportions of the products into a suitable container of water, 2) Mix thoroughly and 3) Allow to stand 5 minutes. If the combination remains mixed or can be re-mixed readily, it is considered physically compatible. Any physical incompatibility in the jar test indicates that **Cyazofamid 400SC Fungicide** must not be used in the tank-mix. Since not all crop varieties have been tested with all possible tank mix combinations, the combination should also be tested for crop safety on a small portion of the crop to ensure that phytotoxicity will not occur.

In some cases, tank mixing pest control products can result in reduced pest efficacy or increased host crop injury. The user should contact ISK Biosciences Corporation at 1-877-706-4640 for information before applying any tank mix that is not specifically recommended on this label.

DIRECTIONS FOR USE: AERIAL APPLICATION – CUCURBITS AND POTATOES ONLY

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 or a GPS system.

Cyazofamid 400SC Fungicide may be applied by air to cucurbits ONLY if ground equipment cannot be used due to flooded field conditions.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under the 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 1-877-706-4640 or obtain technical advice from the distributor or your provincial/territorial agricultural representative. Application of the specific product must meet and/or conform to the following:

Aerial Spray Volume: Apply the recommended rate in a minimum spray volume of 50 litres per hectare.

<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Potato	Late blight (<i>Phytophthora infestans</i>)	Ground: 0.1 to 0.2 L in 200 to 600 L of water per hectare Aerial: 0.1 to 0.2 L in a minimum of 50L water per hectare	<p>Resistance Management: DO NOT apply more than six applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of late blight.</p> <p>Application instructions: For late blight control, make Cyazofamid 400SC Fungicide applications on a 7 day schedule beginning when warning systems forecast disease infection periods, generally at row closure or when conditions are favourable for disease development. Use the low rate (0.1 L product/ha) for preventative applications or very low disease pressure, increasing the rate as disease pressure and/or fast crop development increases, up to the maximum rate (0.2 L product/ha). For late blight tuber rot control, ensure that the last 2 to 3 applications of Cyazofamid 400SC Fungicide prior to desiccation are made at the maximum rate (0.2 L product/ha) following resistance management practices.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare for ground applications and a minimum of 50 litres per hectare for aerial applications.</p> <p>DO NOT apply within 7 days of harvest.</p> <p>A plant back interval of 30 days is required.</p>

<i>Crop</i>	<i>Diseases</i>	<i>Rate/100m²</i> <i>(product)</i>	<i>Instructions</i>
Turf	<p>Pythium blight (<i>Pythium aphanidermatum</i>)</p> <p>Pythium damping-off (<i>Pythium</i> spp.)</p> <p>Pythium root dysfunction (<i>Pythium volutum</i>)</p>	14.3-26.6 mL	<p>Application instructions:</p> <p>On established turf, make preventative applications on a 14-21 day schedule beginning when conditions are favorable for disease development, or when first visible disease symptoms appear. Apply in 7.5-15L water per 100 m². Use the lower rate for the shortest interval and higher rate for the longest interval. Under severe disease conditions, use the highest rate and shortest interval.</p> <p>For newly seeded areas use 14.3 mL in 7.5-15 L water per 100 m² immediately after seeding. If disease continues to increase in severity, use the higher rate and shorter interval.</p> <p>DO NOT apply by air.</p> <p>Use only with ground application equipment. Do not tank mix with a surfactant for use on turf. DO NOT apply more than 3 applications at the high rate per calendar year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of pythium diseases affecting turf. Do not apply more than 80 mL/100m² per calendar year.</p>

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than ISK Biosciences Corporation under the User Requested Minor Use Label Expansion program. For these uses, ISK Biosciences Corporation has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

Greenhouse and Outdoor Ornamental Plants:

Because of the large diversity of plants in the Ornamentals groups, it is not possible to test **CYAZOFAMID 400SC Fungicide** on every ornamental species and varieties covered under the following claims. To ensure that **CYAZOFAMID 400SC Fungicide** is compatible with an ornamental plant variety under specific conditions, it is recommended that small scale tests be performed to assess any possible phytotoxicity or other unintended side effects before making large scale applications.

Container Grown Plants – Soil Application

For control of root and crown rot diseases of ornamentals, including conifers, grown in containers in greenhouses, outdoor nurseries and landscapes apply **CYAZOFAMID 400SC Fungicide** as a soil drench or soil surface spray. Do not make more than 2 soil applications of **CYAZOFAMID 400SC Fungicide** per crop cycle. **CYAZOFAMID 400SC Fungicide** may also be applied via drip irrigation systems. For drench applications to containerized plants, use enough of the specified water solution to wet the root zone with minimal run-through (see Maximum Drench Volume table below).

Field Grown (Bed) Plants – Soil Application

For control of root and crown rot in field-grown (bed) plants, including forest tree nurseries, with drench applications, use sufficient water solution to allow for penetration into the root zone. For soil surface applications made in outdoor nurseries, irrigate with at least ½ inch (1.27cm) of water if rainfall does not occur within 24 hours. For all field grown (bed) plant applications, apply **CYAZOFAMID 400SC Fungicide** only to the root zone area of the plant at the rate of 234 - 468mL of **CYAZOFAMID 400SC Fungicide** per 1000 litres. Do not exceed 9350L of this mixture per hectare per application (1748g a.i./ha). Do not make more than 2 applications of **CYAZOFAMID 400SC Fungicide** per year to field grown (bed) plants (3496g a.i./ha/yr.). Applications may also be applied via drip irrigation.

Container and Field Grown (Bed) Plants - Foliar Application

Applications of **Cyazofamid 400SC Fungicide** should begin when conditions are favorable for disease development or when plants first exhibit disease symptoms, from germination to mature crop. For foliar applications against foliar blights, apply sufficient spray solution to thoroughly wet the foliage to the point of run-off (do not exceed 1000 litres per hectare).

Do not exceed 3 applications of **Cyazofamid 400SC Fungicide** per crop cycle for control of downy mildews or *Phytophthora* foliar diseases.

Greenhouse Cut flowers

For greenhouse grown cut flowers, do not make more than 2 applications of **Cyazofamid 400SC Fungicide**. Do not exceed a rate of 273 mL/1000L of water for foliar applications.

Resistance Management:

DO NOT apply sequential applications of **CYAZOFAMID 400SC Fungicide** or other fungicides in the same group. After one application, alternate **CYAZOFAMID 400SC Fungicide** with at least one application of fungicide having a different mode of action.

For Application to Ornamentals, Grown Outdoors:

<i>Crops</i>	<i>Diseases</i>	<i>Product Rate per 1000 Litres of Water</i>	<i>Instructions</i>
Rhododendron Juniper	Root rot caused by <i>Phytophthora cinnamomi</i> (suppression)	25 mL/100 litres of water	<p>Resistance Management: DO NOT apply more than four applications of CYAZOFAMID 400SC Fungicide per crop per year. DO NOT make sequential applications of CYAZOFAMID 400SC Fungicide or other fungicides in the same group. After one application, alternate CYAZOFAMID 400SC Fungicide with at least one application of fungicide having a different mode of action for control of root rot caused by <i>Phytophthora cinnamomi</i>.</p> <p>Application instructions: Apply 120 ml of the solution per 15 cm pot or 6.8 litres/m² as a soil drench. Avoid contact with plant foliage. Make applications on a 14 to 28 day interval using another registered fungicide with a different mode of action between applications of CYAZOFAMID 400SC Fungicide. Use the shortest interval when disease conditions are severe.</p>
Greenhouse and Outdoor Ornamental Plants	Pythium crown and root rot	(soil applications) 117 – 234mL	Make applications on a 14 to 28 day interval for all disease claims using another registered fungicide with a different mode of action between applications of CYAZOFAMID 400SC Fungicide .

		<p>Within the rate range, use the lower rate and shortest interval and the higher rate at the longest interval.</p> <p>When disease is severe use the highest rate at the shortest interval.</p> <p>See the rate chart below for application volumes for container grown plants.</p>
Phytophthora crown and root rot	(soil applications) 234 – 468mL	<p>Make applications on a 14 to 28 day interval using another registered fungicide with a different mode of action between applications of CYAZOFAMID 400SC Fungicide.</p> <p>Use the shortest interval when disease conditions are severe. See the rate chart below for soil applications to container grown plants.</p>
Phytophthora foliar blights	(foliar applications) 234-468mL	<p>For foliar applications against foliar blights, apply sufficient product to wet all foliage to the point of run-off (do not exceed 1000 litres per hectare). Do not exceed a rate of 273mL/1000 L of water for foliar applications on greenhouse grown cut flowers.</p>
Downy mildews caused by <i>Peronospora</i> spp.	164 – 273mL	<p>Apply on a 14 to 21 day schedule, (refer to the additional directions given in the Foliar Application paragraphs above).</p> <p>Within the rate range, use the lower rate at the shortest interval and the higher rate at the longest interval.</p> <p>When disease conditions are severe use the highest rate and shortest interval.</p> <p>Apply sufficient volume (normally 500 to 1000 litres per hectare) to wet all foliage to the point of run-off. If water volumes used are less than 500 litres per hectare, an organosilicone surfactant should be added when the disease infection is severe, or a non-ionic surfactant or a blend of an organosilicone and a nonionic surfactant should be added when disease</p>

			infection is moderate or light, according to the manufacturers label recommendations.
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For Container Grown Plants:

Pot Diameter (Inches)	Pot Diameter (Centimetres)	Maximum Drench Volume (mL of drench mixture/pot)
4	10	60
5	13	90
6	15	120
8	20	300
10	25	591
12	30	887

Crop	Diseases	Rate/Hectare (Product)	Instructions
Cucurbits Vegetables (Crop Group 9), balsam apple, balsam pear, cantaloupe, chayote fruit, Chinese cucumber, Chinese waxgourd, citron melon, cucumber, edible gourd, melon, muskmelon, pumpkin, squash, summer squash, watermelon, West Indian gherkin and winter squash).	Downy Mildew (<i>Pseudoperonospera cubensis</i>)	<p><u>Ground:</u> 0.15 to 0.2 L in 200 to 600 L of water per hectare</p> <p><u>Aerial:</u> 0.15 to 0.2 L in a minimum of 50 L water per hectare</p>	<p>Resistance Management: DO NOT apply more than six applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew. Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: For late downy mildew control, make Cyazofamid 400SC Fungicide applications on a 7 to 10 day schedule beginning with initial flowering or when disease conditions are favourable for disease development, but prior to</p>

		<p>disease outbreak. Use the low rate and long interval as disease preventative sprays or when disease conditions are low. Increase to highest rate and shortest interval under moderate to heavy disease pressure.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p> <p>DO NOT apply within 1 day of harvest.</p> <p>A plant back interval of 30 days is required.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Carrots	Cavity Spot, Root Dieback/Forking (<i>Pythium</i> spp.) (Suppression Only)	0.44 L per hectare	<p>Application instructions: A maximum of one application of Cyazofamid 400SC Fungicide per season is allowed, either as a post-plant, pre-emergent application within 3 days after planting or as a soil-directed spray 14 days after planting.</p> <p>Post-plant, pre-emergent application: Apply Cyazofamid 400SC Fungicide to the soil as a post-planting/seeding, pre-emergence (before plant emergence) treatment within 3 days after planting/seeding. Apply in sufficient water to obtain full coverage and follow with sprinkler irrigation of 1.25-2.5 cm of water to properly move the product to the root zone.</p> <p>Surface application (broadcast or band): A single application may be made 14 days after planting/seeding. Apply in sufficient water to obtain adequate coverage with the applications directed to the base of the plant. Cyazofamid 400SC Fungicide should be incorporated into the soil with 1.25-2.5 centimetres of water. If irrigation is not immediately available after the application, the application should be made in sufficient water to allow penetration into the soil.</p> <p>For banded applications, a 15.2 – 20.3 cm band is recommended (see formula to calculate amount required in the band).</p> <p>Calculate the amount of Cyazofamid 400SC Fungicide</p>

			<p>needed for band treatments by the formula:</p> $\frac{\text{Band width in cm}}{\text{Row spacing in cm}} \times \text{Broadcast rate per hectare}$ <p>= Amount needed per hectare of field</p> <p>Boom height must be 60 cm or less above the crop or ground.</p> <p>DO NOT apply by air.</p> <p>DO NOT apply within 30 days of harvest.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Spinach	White rust (<i>Albugo occidentalis</i>) Suppression only	0.15 to 0.2 L in 300 to 500 L of water per hectare	<p>Resistance Management: DO NOT apply more than five applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of disease. Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against white rust. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: For white rust suppression, make Cyazofamid 400SC Fungicide applications on a 7 - day schedule beginning when disease is first seen or when conditions favour disease development. Use the low rate for</p>

			<p>preventative applications or very low disease pressure; use high rate as disease pressure increases.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at 0.15 L/ha. Spray volume to be used will vary with the amount of plant growth and will range from 300 to 500 litres per hectare.</p> <p>DO NOT apply within 1 day of harvest.</p> <p>DO NOT apply by air.</p> <p>A plant back interval of 30 days is required.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Greenhouse tomato, pepper, cucumber, brassica and lettuce transplants for field production	Pythium Damping-off and root rot <i>Pythium</i> spp.	30 ml/100 L water	<p>Make a single application of the fungicide solution at the rate of 30 ml Cyazofamid 400SC Fungicide per 100 L of water as a soil drench to thoroughly wet the growing medium immediately after seeding.</p> <p>Do not use any surfactant with this drench application.</p> <p>DO NOT apply within 60 days of harvest for tomato, pepper, cucumber, and brassicas.</p> <p>DO NOT apply within 40 days of harvest for lettuce.</p>

<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Greenhouse grown cucumbers	Downy Mildew (<i>Pseudoperonospera cubensis</i>)	0.15 to 0.2 L in 400 to 2000 L of water per hectare	<p>Resistance Management: DO NOT apply more than four applications of Cyazofamid 400SC Fungicide per crop cycle. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew.</p>

		<p>Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: For late downy mildew control, make Cyazofamid 400SC Fungicide applications on a 7 to 10 day schedule beginning with initial flowering or when disease conditions are favourable for disease development, but prior to disease outbreak. Use the low rate and long interval as disease preventative sprays or when disease conditions are low. Increase to highest rate and shortest interval under moderate to heavy disease pressure.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant at the lowest label rate for water volumes below 600 L/ha (such as Xiameter OFX-0309 at 0.03% v/v). At water volumes above 600 L/ha, a surfactant is not needed. DO NOT apply within 1 day of harvest.</p>
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Crop	Diseases	Rate/Hectare (Product)	Instructions
Greenhouse pepper	Phytophthora blight, crown rot and root rot caused by <i>Phytophthora capsici</i>	25 ml/100 L water	<p>Make the first application of the fungicide solution at the rate of 25 ml Cyazofamid 400SC Fungicide per 100 L of water as a soil drench to thoroughly wet the growing medium immediately at transplant and the second, if needed, 6 to 8 weeks later.</p> <p>Do not use any surfactant with this drench application.</p> <p>DO NOT apply a drench volume greater than 200 mL per plant per application</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0 days.</p>

<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Basil (Field and Greenhouse)	<i>Downy mildew (Peronospora belbahrii)</i>	0.20 – 0.22 L per hectare	<p>Resistance Management: DO NOT apply more than four applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew. Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: Apply as a foliar broadcast.</p> <p>DO NOT apply by air.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0-day.</p> <p>For control of downy mildew on basil make the applications on a 7 to 10-day schedule beginning when disease conditions are favorable for disease development. Use the lower rate and longest interval as disease preventative sprays or when disease conditions are low. Increase to the highest rate and shortest interval under moderate to heavy disease pressure.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at 0.15 L/ha. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p>

Crop	Diseases	Rate/Hectare (Product)	Instructions
Beans (Snap & Lima)	Downy mildew (<i>Phytophthora phaseoli</i>) Cottony leak (<i>Pythium aphanidermatum</i>) Phytophthora blight (<i>Phytophthora capsici</i>)- <i>suppression</i>	0.20 L per hectare	<p>Resistance Management: DO NOT apply more than six applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group.</p> <p>Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide with fungicides from a group with a different mode of action and satisfactory efficacy. Continue Group 21 fungicide alternation between successive crops.</p> <p>Application instructions: Apply as a foliar broadcast.</p> <p>DO NOT apply by air.</p> <p>For control of downy mildew on lima beans make the applications on a 7 to 10-day schedule beginning when disease first appears or when disease conditions are favorable for disease development. Use the long interval as disease preventative sprays or when disease conditions are low. Increase to the shortest interval under moderate to heavy disease pressure. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew.</p> <p>For control of cottony leak on lima beans and snap beans make the initial application at full bloom (1st pods) and repeat on a 7 to 14-day schedule. Use the long interval as disease preventative sprays or when disease conditions are low. Increase to the shortest interval under moderate to heavy disease</p>

			<p>pressure. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. When spraying for cottony leak, limit the number of Cyazofamid 400SC Fungicide applications to one if no product effective against cottony leak with a different mode of action is available.</p> <p>For suppression of Phytophthora blight on lima beans and snap beans make the 1st application at 100% bloom-pin pod development and a 2nd application at late pin-small pod development and repeat every 7 days as needed to maintain disease control. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. When spraying for Phytophthora blight, limit the number of Cyazofamid 400SC Fungicide applications to one if no product effective against Phytophthora blight with a different mode of action is available.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0-day.</p> <p>Crops on this label may be planted immediately after the last treatment. Do not plant other crops not registered for this product within 30 days after the last application.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Lettuce (Leaf & Head)	Downy mildew (<i>Bremia lactucae</i>)-	0.20 L per hectare	Resistance Management: DO NOT apply more than six applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of

	suppression	<p>Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew.</p> <p>Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: Apply as a foliar broadcast or spray directed to the base of the plant.</p> <p>DO NOT apply by air.</p> <p>Make the first Cyazofamid 400SC Fungicide application after seeding or once the lettuce transplants are set in the field. Subsequent applications should be initiated when weather conditions are favourable for downy mildew development or when disease first appears in the field. All subsequent applications on a 7-14 day schedule, using the shorter interval when disease pressure is moderate to severe.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0-day.</p> <p>Crops on this label may be planted immediately after the last treatment. Do not plant other crops not registered for this product within 30 days after the last application.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Greenhouse tomato (greenhouse production)	Pythium Root Rot (<i>Pythium</i> spp.)	25 mL/100 L water	<p>Application instructions:</p> <p><u>Drench application:</u> Make the first application at transplant. A second application may be made 6-8 weeks later, if needed. DO NOT apply more than 2 applications per crop cycle.</p> <p>DO NOT use any surfactant with this drench application. DO NOT apply a drench volume greater than 200 ml per plant per application.</p> <p><u>Drip irrigation:</u> Make the first application at transplant. A second application may be made up until the day of harvest.</p> <p>To ensure that there is no over-drain: Slow normal watering towards the end of the day to prevent over drain. Then apply product through the drip irrigation system as the last activity at the end of the day. Apply 50 ml per plant two to four times (for a total of 100-200 ml/plant) and then stop watering altogether and let stand overnight. Begin watering again as usual the next day.</p> <p>DO NOT use any surfactant with this drip irrigation application. DO NOT apply a volume greater than 200 ml per plant per application. The Pre-Harvest Interval (PHI) is 0-day.</p>
	Late blight (<i>Phytophthora infestans</i>)	0.15 to 0.20 L per hectare	<p>Use a sufficient water volume to ensure coverage of the crop. The spray volume can vary from 400 to 2000 litres per hectare depending on the size of the plants.</p> <p>Resistance Management: DO NOT apply more than five applications of Cyazofamid 400SC Fungicide per crop cycle. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of late blight.</p> <p>Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.</p>

			<p>Application instructions:</p> <p>Apply as a foliar broadcast. Apply on a 7-10 day schedule beginning when conditions are favorable for disease development, but prior to disease outbreak. Use the low rate and long interval as disease preventative sprays or when risk of disease development is low. Use the highest rate and shortest interval under moderate to heavy disease pressure.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant at the lowest label rate for water volumes below 600 L/ha (such as Xiameter OFX-0309 at 0.03% v/v). At water volumes above 600 L/ha, surfactant is not needed.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0-day.</p>
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Crop	Diseases	Rate/Hectare (Product)	Instructions
Field Tomato	Late blight (<i>Phytophthora infestans</i>)	0.1 to 0.2 L in 200 to 600 L of water per hectare	<p>Resistance Management: DO NOT apply more than five applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of late blight.</p> <p>Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide. Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against late blight. Continue Qil (Group 21) fungicide alternation between successive crops.</p> <p>Application instructions: Apply as a foliar broadcast.</p> <p>Make Cyazofamid 400SC Fungicide applications on a 7 to 10-day schedule beginning when warning systems forecast disease infection periods, generally at flower initiation or when conditions are favorable for disease development. Use the lowest rate and longest interval for preventative applications or very low disease pressure, increasing the rate and shortening the interval as disease pressure and/or fast crop development increases up to the maximum rate and shortest interval.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at 4:3 ratio (Cyasofamid 400SC Fungicide: Sylgard OFX-0309) or at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p>

			<p>The Pre-Harvest Interval (PHI) for this crop is 1-day.</p> <p>Crops on this label may be planted immediately after the last treatment. Do not plant other crops not registered for this product within 30 days after the last application.</p>
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<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
<p>Brassica (Cole) Leafy Vegetables (Crop Group 5)</p> <p>Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>)</p> <p>Broccoli, Chinese (gai lon) (<i>Brassica alboglabra</i>)</p> <p>Broccoli raab (rapini) (<i>Brassica campestris</i>)</p> <p>Brussels sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>)</p> <p>Cabbage (<i>Brassica oleracea</i>)</p> <p>Cabbage, Chinese (bok choy) (<i>Brassica chinensis</i>)</p> <p>Cabbage, Chinese (napa) (<i>Brassica pekinensis</i>)</p> <p>Cabbage, Chinese, mustard (gai choy) (<i>Brassica campestris</i>)</p> <p>Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>)</p> <p>Cavolo broccolo (<i>Brassica oleracea</i> var. <i>botrytis</i>)</p> <p>Collards (<i>Brassica oleracea</i>)</p>	<p>Downy Mildew (<i>Peronospora parasitica</i>) (Suppression only)</p>	<p>0.2 L/ha in a minimum of 300-500 litres of water/ha</p>	<p>Application instructions: Make applications on a 7 to 10 day schedule beginning when disease is first seen or when weather conditions are favourable for disease outbreak. Use the longer interval for preventative applications or very low disease pressure and shorten the interval to 7 days as disease pressure increases. DO NOT apply more than 5 applications per crop per year.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the rate of 0.15 L/ha.</p> <p>Resistance Management: DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew.</p> <p>The Pre Harvest Interval (PHI) for this crop is 1 day.</p>

var. <i>acephala</i>) Kale (<i>Brassica oleracea</i> var. <i>acephala</i>) Kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>) Mizuna (<i>Brassica rapa</i> var. <i>japonica</i>) Mustard greens (<i>Brassica juncea</i>) Mustard spinach (<i>Brassica rapa</i> var. <i>perviridis</i>) Rape greens (<i>Brassica</i> <i>napus</i>)			
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Crop	Diseases	Rate/Hectare (Product)	Instructions
Bulb Vegetables: Crop Group 3-07	Downy mildew (<i>Peronospora destructor</i>)	0.20 L per hectare	Resistance Management: DO NOT apply more than six applications of Cyazofamid 400SC Fungicide per crop per year. DO NOT make sequential applications of Cyazofamid 400SC Fungicide or other fungicides in the same group. After one application, alternate Cyazofamid 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew. Where Cyazofamid 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of Cyazofamid 400SC Fungicide . Alternate Cyazofamid 400SC Fungicide with fungicides from a different cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops. Application instructions: For control of downy mildew on bulb vegetables make the applications on a 7- to 10-day schedule beginning when disease conditions are favorable for disease development. Use the longest interval as disease preventative sprays or when disease conditions are low. Use the shortest interval

			<p>under moderate to heavy disease pressure.</p> <p>Cyazofamid 400SC Fungicide should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Spray volume to be used will vary with the amount of plant growth and will range from 200 to 600 litres per hectare.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 0-day.</p> <p>DO NOT apply by air.</p> <p>Crops on this label may be planted immediately after the last treatment. Do not plant other crops not registered for this product within 30 days after the last application.</p>
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Crop	Diseases	Rate/Hectare	Instructions
Grapes, Amur river grapes and cultivars, varieties, and/or hybrids of these	Downy mildew (<i>Plasmopara viticola</i>)	0.15 – 0.2 L/ha	<p>Application Instructions For Downy Mildew control, make fungicide applications on a 10 to 14 day schedule beginning when warning systems forecast disease infection periods or when disease conditions are favorable for disease development. Use the lowest rate and longest interval for preventative applications or very low disease pressure, increasing the rate and shortening the interval as disease pressure and/or fast crop development increases up to the maximum rate and shortest interval. Do not use any surfactant with this application. DO NOT apply by air. Spray volume to be used will vary with the amount of plant growth and should be at least 400 litres per hectare. Do not apply within 30 days of harvest.</p> <p>Resistance Management: DO NOT apply more than six applications of CYAZOFAMID 400SC Fungicide per crop per year. DO NOT make sequential applications of CYAZOFAMID 400SC Fungicide or other fungicides in the same group. After one application, alternate CYAZOFAMID 400SC Fungicide with at least one application of fungicide having a different mode of action for control of downy mildew. Where CYAZOFAMID 400SC Fungicide is applied alone do not exceed 1 spray of a Group 21 fungicide out of every 3 fungicide applications. Do not use consecutive applications of CYAZOFAMID 400SC Fungicide. Alternate CYAZOFAMID 400SC Fungicide with fungicides from a different</p>

			cross-resistance group with satisfactory efficacy against downy mildew. Continue Qil (Group 21) fungicide alternation between successive crops.
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<i>Crop</i>	<i>Disease</i>	<i>Rate (Product)</i>	<i>Instructions</i>
Caneberry Subgroup 13-07A Raspberry Blackberry Loganberry(Including cultivars, varieties and/or hybrids of these)	Phytophthora root rot (<i>Phytophthora rubi</i>)	0.25 L in up to 1000 liters of water/ha	Make one application of the fungicide solution in the Fall and one application in the Spring at the rate of 0.25 L Cyazofamid 400SC Fungicide in up to 1000 litres of water per hectare as a soil drench. Do not use any surfactant with this drench application. DO NOT apply within 90 days of harvest.

<i>Crop</i>	<i>Diseases</i>	<i>Rate/Hectare (Product)</i>	<i>Instructions</i>
Hops	Downy Mildew (<i>Pseudoperonospora humuli</i>)	0.15 to 0.2 L in at least 935 L of water per hectare	Application instructions: For downy mildew control, make applications on a 7 to 14-day schedule beginning when disease is first seen or weather and downy mildew disease pressure are expected to initiate a disease epidemic. Use the low rate and long interval for preventative applications or very low disease pressure, increasing the rate and shortening the interval as disease pressure and/or fast crop development increases up to the maximum rate and shortest interval. Use water spray volume of at least 935 litres per hectare. Cyazofamid 400SC should be tank-mixed with a non-ionic or organosilicone surfactant (such as Sylgard OFX-0309) at the manufacturer's label recommendations. Resistance Management: DO NOT apply more than six applications per crop per crop cycle. Alternate foliar sprays of Cyazofamid 400SC with a

			<p>fungicide with a different mode of action. DO NOT make more than three consecutive applications of Cyazofamid 400SC followed by at least three applications of fungicides having different modes of action before applying additional Cyazofamid 400SC. DO NOT apply more than 1.2 L of product per hectare per crop growing season.</p> <p>The Pre-Harvest Interval (PHI) for this crop is 3 days.</p> <p>Crops on this label may be planted immediately after the last application. Do not plant other crops not registered for this product within 30 days after the last application. DO NOT apply by air.</p>
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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:					
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m		
Field sprayer	Potato, cucurbits, carrot, spinach, lettuce (leaf & head), beans (snap and lima), basil, tomatoes, Brassica vegetables (Crop Group 5)	1	0	1	1	1	
	Turf	1	1	4	2	1	
	Outdoor ornamentals	1	1	1	1	1	
Aerial	Potato and cucurbits	Fixed wing	1	0	1	1	20
		Rotary wing	1	0	1	1	15

Airblast	Hops	Early airblast	2	0	5	2	4
		Late airblast	1	0	3	1	2
	Grapes, Amur river grapes and cultivars, varieties, and/or hybrids of these	Early airblast	1	0	4	1	3
		Late airblast	1	0	2	1	2

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 Pesticides portion of the Canada.ca website.

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.

Integrated Pest Management

Although **Cyazofamid 400SC Fungicide** has limited systemic activity, it should be treated as a protectant fungicide and applied before the disease enters the crop. **Cyazofamid 400SC Fungicide** is recommended for use as part of an Integrated Pest Management (IPM) program, which may include the use of disease resistant crop varieties, cultural practices, crop rotation, biological disease control agents, pest scouting and disease forecasting systems aimed at preventing economic pest damage. Practices known to reduce disease development should be followed. Consult your provincial/territorial agricultural authorities for additional IPM strategies established in your area. **Cyazofamid 400SC Fungicide** may be used in disease forecasting programs that recommend application timing based upon environmental factors that favour disease development.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **Cyazofamid 400SC Fungicide** contains a Group 21 fungicide. Any fungal population may contain individuals naturally resistant to **Cyazofamid 400SC 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:

- **DO NOT** make sequential applications of **Cyazofamid 400SC Fungicide** or other fungicides in the same group. After one application, alternate **Cyazofamid 400SC**

Fungicide with at least one application of fungicide having a different mode of action that controls the same pathogens.

- Do not exceed the total number of applications of **Cyazofamid 400SC Fungicide** per season per crop as stated in the “Directions for use” section of the label.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- **Cyazofamid 400SC Fungicide** use should be based on an IPM 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 ISK Biosciences Corporation if reduced sensitivity of the pathogen to **Cyazofamid 400SC 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 ISK Biosciences Corporation at 1-877-706-4640.

FIRST AID

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 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 inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control centre or doctor for treatment advice.

In Case of Emergency: Call 1-888-484-7546.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

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.