

<b>GROUP</b>	<b>9</b>	<b>12</b>	<b>FUNGICIDES</b>
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## **CYPROFLU Fungicide**

### **FUNGICIDE**

#### **Wettable Granules**

#### **COMMERCIAL - AGRICULTURAL**

Fungicide for control or suppression of listed diseases on listed crops.

#### **ACTIVE INGREDIENTS:**

Cyprodinil.....37.5%  
Fludioxonil.....25.0%

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

**CAUTION – EYE IRRITANT**

REGISTRATION NO.: **30185**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **794 g - 1kg**

**Syngenta Canada Inc.**  
140 Research Lane, Research Park  
Guelph, Ontario N1G 4Z3  
Telephone: 1-877-964-3682

Label

## 1.0 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.

## 2.0 FIRST AID

**IN CASE OF POISONING**, call a physician or poison control centre **IMMEDIATELY**. 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.

## 3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote known. Treat symptomatically. If large amount has been ingested and emesis is inadequate, lavage stomach. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## 4.0 PRECAUTIONS

**KEEP OUT OF REACH OF CHILDREN**. Avoid contact with eyes or prolonged contact with skin or clothing. Avoid inhalation of dust. May cause eye irritation. **Do not re-enter or allow worker entry into treated fields during the restricted entry interval of 12 hours except for activities for the following crops:**

<b>Crop</b>	<b>Restricted Entry Interval (REI)</b>	<b>Activity</b>
Canola	12 hours	All activities
Saskatoon berries	10 days	Hand harvesting, pruning and thinning
Greenhouse peppers, Greenhouse tomatoes, crop subgroup 8-09A, Greenhouse cucumbers, Greenhouse lettuce	1 day	Harvesting
Spinach	3 days	Harvesting
Field Pepper, Field grown Tomatoes	0 days	
Grapes	7 days	Cane turning and girdling activities
	2 days	Training, thinning, hand pruning, tying and leaf pulling activities
	12 hours	For all other activities

Do not eat, drink or smoke while mixing or during application. Change and wash clothing immediately after use. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash clothing in detergent and hot water before reuse.

Apply to agricultural crops only when there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

## **5.0 PERSONAL PROTECTIVE EQUIPMENT**

Wear a long-sleeved shirt, long pants, shoes plus socks, coveralls and chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or Viton during mixing and loading. Wear a long-sleeved shirt, long pants and shoes plus socks during application, clean-up and repair. Wear goggles during application.

## **6.0 ENVIRONMENTAL PRECAUTIONS**

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

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

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

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative buffer strip between the treated area and the edge of the water body.

## **7.0 STORAGE**

Store this product away from food or feed.

## **8.0 DISPOSAL**

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **For Recyclable Containers**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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### **For Refillable Containers**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,  
CALL 1-800-327-8633 (FASTMED)***

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Pamphlet

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<b>Canola</b>	<b>12 hours</b>	<b>All activities</b>
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Apply to agricultural crops only when there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

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## **6.0 ENVIRONMENTAL PRECAUTIONS**

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

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

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative buffer strip between the treated area and the edge of the water body.

## **7.0 STORAGE**

Store this product away from food or feed.

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## **9.0 PRODUCT INFORMATION**

CYPROFLU Fungicide is a broad-spectrum fungicide for the control or suppression of listed diseases.

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

### **9.1 Spray Equipment**

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control.

For ground application equipment, a minimum of 200 L of water per hectare is recommended.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury may occur.

Equip sprayers with nozzles that provide accurate and uniform application. Calibrate sprayer before use.

## **10.0 DIRECTIONS FOR USE**

### **10.1 General Information**

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** apply this product through any type of irrigation system.

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

Do not exceed 2.9 kg of product per hectare or 3 applications per year.

Apply the higher rate and shorter interval under conditions of high disease pressures.

Make no more than two (2) sequential applications of CYPROFLU Fungicide before alternating with another registered fungicide with a different mode of action.

For outdoor ornamentals, apply a maximum spray volume of 500 L/ha.

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

Feeding Restriction: **DO NOT** graze or feed treated field pea hay, field pea vines/silage, cowpea forage and cowpea hay to livestock.

## 10.2 Ground Application

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

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 16km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply using aerial application equipment.

### 10.2.1 Mixing Procedures

Prepare only the amount of spray mixture that is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

1. Add 1/2 of the required amount of water to the mix tank.
2. With the agitator running, add the CYPROFLU Fungicide to the tank.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the solution after the CYPROFLU Fungicide has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been applied.

## 10.3 Aerial Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. The nozzle distributions along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Do not overspray non-target terrestrial or aquatic habitats. Do not contaminate aquatic habitats when cleaning or rinsing spray equipment or containers. Do not apply with spray droplets smaller than the ASAE medium classification. Aerial drift is increased under certain meteorological conditions. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not spray when wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat. Apply in at least 45 litres of water per hectare.

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.

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

### 10.3.1 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.

## 10.4 Spray Buffer Zones

Use of the following spray methods or equipment **DOES 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 freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands).

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of Freshwater Habitat of Depths:		
		Less than 1 m	Greater than 1 m	
Field sprayer	Crop Group 1B (root vegetables, except sugar beet; excluding carrots and ginseng), grapes, spinach	4	1	
	Crop Group 3-07 (bulb vegetables), Crop Group 5B (leafy brassica greens), Crop Group 13-07 (berries and small fruits), carrots, chickpeas, dry beans, dry peas, field peppers, field tomatoes, ginseng, lentils, turnip greens, outdoor ornamentals	5	1	
	Canola	2	1	
Airblast	Grapes (early growth stage)	20	10	
	Grapes (late growth stage)	10	5	
Aerial	Canola	Fixed Wing	10	2
		Rotary Wing	10	2

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

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

Use a pump with capacity to maintain the correct rated pressure for the nozzles selected. Maintain sufficient agitation to keep the mixture in suspension. Use a jet agitator, liquid sparge tube, or mechanical paddle for agitation. Do not air sparge.

It is suggested that screens be used to prevent nozzles from clogging. Screens placed after the tank and before the nozzles should be 50-mesh or coarser. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturers and provincial recommendations.

### 10.5 Rotational Crop Restrictions

Do not plant any other crop for a period of 30 days after harvest or crop failure unless CYPROFLU Fungicide is registered for that use.

## 11.0 CROP USE DIRECTIONS

### 11.1 Canola

Crop	Diseases	Product Rate in g/ha	Application Method	Application Timing
Canola	Rot ( <i>Sclerotinia sclerotiorum</i> )	775 to 975	Ground	Apply one application at 20 – 50% bloom. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 200 L/ha is recommended. Do not apply within 35 days of harvest. Apply the higher rate under conditions of high disease pressures.
		775 to 975	Aerial	Apply one application at 20 – 50% bloom. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 45 L/ha is recommended. Do not apply within 35 days of harvest. Apply the higher rate under conditions of high disease pressures.

## 12.0 MINOR USES

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Syngenta Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Syngenta Canada Inc. 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.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Onions:</b> Dry bulb, green, and onions grown for seed	Control of Botrytis Leaf Blight or Blast ( <i>Botrytis squamosa</i> )  Suppression of Purple Blotch ( <i>Alternaria porri</i> )	775 to 975	Begin applications when conditions become favourable for disease but before infection. If favourable conditions persist make additional applications on 7 to 14 day intervals. Do not apply within 7 days of harvest. Ground application only.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Strawberries</b>	Control of Gray Mold ( <i>Botrytis cinerea</i> )	975	Begin applications at or before bloom and continue on 7 to 10 day intervals. Pre-harvest interval is one (1) day. Ground application only.
<b>Blueberries:</b> (highbush and lowbush)	Control of Anthracnose ( <i>Colletotrichum acutatum</i> ), and Botrytis Fruit Rot ( <i>Botrytis cinerea</i> )	775 to 975	Make the first application during early bloom. A second application may be made 7 to 10 days later. A third application can be made if conditions remain favourable for disease development. Pre-harvest interval is one (1) day. Ground application only.
<b>Caneberries:</b> Raspberries, Blackberries	Control of Botrytis Fruit Rot ( <i>Botrytis cinerea</i> )	775 to 975	Make the first application during early bloom. A second application may be made 7 to 10 days later. A third application can be made if conditions remain favourable for disease development. Pre-harvest interval is one (1) day. Ground application only.
<b>Carrots</b>	Control of Alternaria Leaf Blight ( <i>Alternaria dauci</i> )	775 to 975	The first application should be made when the disease first appears; a second application should be made 7-10 days later. One more application may be made a minimum of 7 days later if conditions remain favourable for disease development. Do not apply within 7 days of harvest. Ground application only. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 200 L/ha is recommended.
<b>Mustard Greens, Turnip Greens</b>	Control of Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>E. heraclei</i> )	775 to 975	The first application should be made when disease first appears and continue on 7 to 10 day intervals. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 200 L/ha is recommended. Do not apply within 7 days of harvest. Ground application only.
<b>Cabbage</b>	Suppression of Alternaria Leaf Blight ( <i>Alternaria brassicicola</i> )	775 to 975	The first application should be made when disease first appears and continue on 7 to 10 day intervals. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 200 L/ha is recommended. Do not apply within 7 days of harvest. Ground application only.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Saskatoon berries</b>	Suppression of Entomosporium leaf spot ( <i>Entomosporium mespili</i> )	775 to 975	<p>The first application should be made during early bloom. A second application may be made 7 to 10 day later. A third application can be made if conditions remain favourable for disease development.</p> <p><b>Use higher rate and shorter application interval under conditions that promote rapid disease development or if there is a history of high disease pressure in the field.</b></p> <p>Apply in sufficient water to ensure thorough coverage (187-935 L/ha).</p> <p>Do not enter or allow worker entry into treated Saskatoon berry fields for hand-harvesting, pruning or thinning during the restricted entry interval (REI) of 10 days. For all other activities, do not enter or allow worker entry into treated areas within 12 hours after application.</p> <p>Do not apply within 1 day of harvest.</p> <p>Do not make more than 3 applications per year. Ground application only.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<p><b>CROP SUBGROUP 6C:</b> Dried shelled pea and bean (except soybean) Including: chickpea (garbanzo bean) (<i>Cicer arietinum</i>), beans (<i>Lupinus</i> spp. including grain lupin, sweet lupin, white lupin, white sweet lupin), beans (<i>Phaseolus</i> spp. including field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean,), broad bean (fava bean) (<i>Vicia faba</i>), beans (<i>Vigna</i> spp. adzuki bean, black-eyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean), Guar (<i>Cyamopsis tetragonoloba</i>); Lablab bean or Hyacinth bean (<i>Lablab purpureus</i>); Lentil (<i>Lens esculenta</i>); Pea (<i>Pisum</i> spp.) (includes field pea); Pigeon pea (<i>Cajanus cajan</i>)</p>	<p>Control of White mold (<i>Sclerotinia sclerotiorum</i>) and Grey mold (<i>Botrytis cinerea</i>)</p>	<p>775 - 975</p>	<p>Begin applications prior to or at the onset of disease and repeat applications at 7 day intervals if conditions remain favourable for disease development.</p> <p>For white mold control, make the first application at 10-20% bloom. In some locations, a single application at this timing will provide adequate disease control.</p> <p>Apply the higher application rate under conditions of high disease pressure.</p> <p>Apply in sufficient water to ensure thorough coverage: 175 – 225 L of water /ha.</p> <p>Do not apply more than 1.1 kg ai/ha of cyprodinil products and 0.73 kg ai/ha of fludioxonil containing products per crop.</p> <p>Do not apply within 7 days of harvest.</p> <p>Ground application only.</p>
<p><b>The Following Succulent Beans:</b>            Bean (<i>Phaseolus</i> spp.) (includes lima bean, snap bean and wax bean)            Bean (<i>Vigna</i> spp.) (includes blackeyed pea, asparagus bean)            Broad bean (fava bean) (<i>Vicia faba</i>)</p>			

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Crop Group 1B:</b> <b>Include</b> (garden beet, burdock, carrot, celeriac, turnip-rooted chervil, chicory, ginseng, horseradish, turnip-rooted parsley, parsnip, radish, oriental radish, rutabaga, salsify, black salsify, Spanish salsify, skirret, turnip)	Control of Botrytis gray mold ( <i>Botrytis cinerea</i> )	775 - 975	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for disease development. Do not make more than 2 applications per season. Do not allow cattle or other livestock to feed upon the leaves of root vegetables. Do not apply within 7 days of harvest. Ground application only.
<b>Ginseng</b>	Control of Alternaria leaf blight ( <i>Alternaria panax</i> )	975	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for disease development. Do not make more than 2 applications per season. Do not allow cattle or other livestock to feed upon the leaves of root vegetables. Do not apply within 7 days of harvest. Ground application only.
<b>Greenhouse Cucumber</b>	Suppression of Powdery mildew ( <i>Podosphaera xanthii</i> )	775	First application should be made when disease first appears; a second application should be made 7-10 days later. Make no more than 2 sequential applications before alternating with another registered fungicide with a different mode of action. The third application can be made at a 7-10 day interval if conditions remain favourable for disease development. Apply in sufficient water to ensure thorough coverage (200 - 3000 L/ha). DO NOT make more than 3 applications per crop cycle. Do not apply within 1 day of harvest. DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours. Ground application only.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Spinach</b>	Control of Anthracnose ( <i>Colletotrichum dematium</i> f. sp. <i>spinaciae</i> ) and grey mold ( <i>Botrytis cinerea</i> )	775-975	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for disease development. Apply the higher application rate under conditions of high disease pressure. Apply in 175 – 225 L of water per hectare. DO NOT make more than 2 applications per year. Do not apply within 3 day of harvest. DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days for harvesting. Ground application only.
<b>Field Pepper</b>	Control of Anthracnose ( <i>Colletotrichum</i> spp.)	775-975	Begin applications when conditions become favorable for disease but before infection. Apply the higher rate under conditions of high disease pressure. If favorable conditions persist, make additional application on a 7 to 10 day interval. Make no more than two sequential applications before using another registered fungicide. Apply in sufficient water to ensure thorough coverage (187-935 L/ha). DO NOT make more than 3 applications per crop cycle. Apply on the day of harvest (0 day PHI). Ground application only.
<b>Greenhouse Pepper</b>	Suppression of Powdery Mildew ( <i>Leveillula taurica</i> )	775	Begin applications when conditions become favorable for disease but before infection. If favorable conditions persist, make additional application on a 7 to 10 day interval. Make no more than two sequential applications before using another registered fungicide. Apply in sufficient water to ensure thorough coverage (475-2000 L/ha). DO NOT apply within 1 day of harvest. Do not make more than three (3) applications per crop cycle. DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Ground application only.

Crop	Diseases	Product Rate in g/ha	Application Timing
Tomatoes (field grown)	Control of Botrytis grey mold ( <i>Botrytis cinerea</i> )	775-975	<p>Begin applications prior to or at the onset of disease and repeat applications at 7 to 10 day intervals if conditions remain favourable for disease development. Apply the higher application rate under conditions of high disease pressure.</p> <p>Apply in sufficient water to ensure thorough coverage. Apply 200 L of water /ha.</p> <p>After 2 applications, alternate with another fungicide with a different mode of action for 1 application.</p> <p>Do not make more than 3 applications per year.</p> <p>May be applied on the day of harvest (0 day PHI).</p> <p>Ground application only.</p>
<b>Grape</b>	Control of botrytis bunch rot caused by <i>Botrytis cinerea</i>	775-975	<p>Begin applications at early bloom. One additional application may be made at berry touch, veraison, or preharvest. Botrytis Bunch Rot is most effectively controlled by ground application, using sufficient water volume to provide thorough coverage. Thorough coverage of bunches is essential. Application interval is 21 days.</p> <p>After a maximum of 2 applications, alternate with another registered fungicide with a different mode of action for 2 applications.</p> <p>Do not use an adjuvant.</p> <p>Do not apply more than 0.75 kg ai/ha of cyprodinil products and 0.50 kg ai/ha fludioxonil containing products per crop.</p> <p>Do not apply within 7 days of harvest.</p> <p>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 7 days for cane turning and girdling activities. Do not allow worker entry into treated areas during the REI of 2 days for training, thinning, hand pruning, tying and leaf pulling activities. For all other activities, do not enter or allow worker entry into treated areas during the REI of 12 hours. Ground application only.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Outdoor ornamentals (except roses)</b>	Suppression - Powdery mildew caused by <i>Sawadaea</i> sp. and <i>Erysiphe</i> <i>cichoracearum</i>	100 g product per 100 L of water. Spray to run off.	First application should be made when disease first appears; a second application should be made 7-10 days later. An additional application can be made 7-10 days after rotation with another registered fungicide from a different group if conditions remain favourable for disease development. Follow the application interval indicated on rotational product label before making the third application. DO NOT make more than 3 applications per season. Ground application only.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Greenhouse tomato</b>	Control of Powdery mildew ( <i>Oidium lycopersici</i> , <i>Oidium neolycopersici</i> ) Grey mould ( <i>Botrytis cinerea</i> )	775	First application should be made when disease first appears. A second application should be made 7-10 days later. A third application can be made at a 7-10 day interval if conditions remain favourable for powdery mildew development. A maximum of 2 applications are recommended to target grey mould for resistance management purposes. The shorter interval should be used when disease pressure is expected to be high. Make no more than 2 sequential applications before alternating with another mode of action. Apply in sufficient water to ensure thorough coverage (200-3000 L/ha) DO NOT make more than 3 applications per crop cycle to control powdery mildew. DO NOT make more than 2 applications per crop cycle to control grey mould. Do not apply within 1 day of harvest. DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours. It is recommended to test CYPROFLU Fungicide on a small portion of the crop to ensure that a phytotoxic response will not occur. Ground application only.
<b>Greenhouse tomato crop subgroup 8-09A (crops include: bush tomato, cocona, currant tomato, garden huckleberry, goji berry, groundcherry, naranjilla, sunberry, tomatillo, tomato, tree tomato, cultivars, varieties and hybrids of these commodities)</b>	Grey mould ( <i>Botrytis cinerea</i> )		
<b>Greenhouse lettuce</b>	Control of Powdery mildew ( <i>Erysiphe cichoracearum</i> )	775	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for disease development. Do not make more than 2 sequential applications per season before alternating with another registered fungicide with a different mode of action. The third application can be made if conditions remain favourable for disease development. Follow the application interval indicated on the rotational product label before making the third application of this product. Apply in sufficient water to ensure thorough coverage (200-3000 L/ha). DO NOT make more than 3 applications per crop cycle. Do not apply within 1 day of harvest. Ground application only.

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### 13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, CYPROFLU Fungicide contains a Group 9 and Group 12 Fungicide. Any fungal population may contain individuals naturally resistant to CYPROFLU Fungicide and other Group 9 and Group 12 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 CYPROFLU Fungicide or other Group 9 and Group 12 fungicides with different groups that control the same pathogens.

Do not make more than the maximum number of applications listed in the label and do not apply more than 2 consecutive sprays of CYPROFLU Fungicide or other fungicides in the same group in a season.

Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

Monitor treated fungal populations for sign of resistance development. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and disease problems in your area.

For further information or to report suspected resistance, contact company representatives at 1-87-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).