

PALLADIUM® Fungicide

FUNGICIDE

WETTABLE GRANULES

COMMERCIAL

For control or suppression of diseases on greenhouse ornamentals (excluding cut flowers) and outdoor ornamentals and greenhouse vegetables.

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.: **30763**
PEST CONTROL PRODUCTS ACT

NET CONTENT: **794 g – 1 kg**

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. May irritate eyes. Avoid contact with eyes or prolonged contact with skin or clothing. Avoid inhalation of dust.

Do not re-enter or allow worker entry into treated fields during the restricted entry interval of 12 hours except for those crops and activities identified in this pamphlet.

Crop	Restricted Entry Interval (REI)	Activity
Greenhouse peppers Greenhouse tomatoes subgroup 8-09A Greenhouse cucumbers	1 day	Harvesting
Outdoor ornamentals (excluding cut flowers)	1 day	Hand line irrigation

Do not apply this product using fogging equipment (hand held or automated) or using hand held mist blowers/airblast equipment.

Not for use in residential areas. Residential areas are defined as any use site where bystanders including children could be exposed during or after application. This includes homes, schools, parks, playgrounds, playing fields, public buildings, or other areas where the general public including children could be exposed.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

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.

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. In addition, wear a chemical-resistant hat (i.e. chemical resistant Sou'Wester hat or chemical resistant rain hat) during open cab air blast applications. Wear goggles during application.

6.0 ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms. Observe 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

To prevent contamination store this product in a dry place 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.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For Returnable Containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For Refillable Containers

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

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

PALLADIUM® Fungicide

FUNGICIDE

WETTABLE GRANULES

COMMERCIAL

For control or suppression of diseases on greenhouse ornamentals (excluding cut flowers) and outdoor ornamentals and greenhouse vegetables.

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.: **30763**
PEST CONTROL PRODUCTS ACT

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

Pamphlet

TABLE OF CONTENTS

	<u>Section Number</u>
NOTICE TO USER	1.0
FIRST AID	2.0
TOXICOLOGICAL INFORMATION	3.0
PRECAUTIONS	4.0
PERSONAL PROTECTIVE EQUIPMENT (PPE)	5.0
ENVIRONMENTAL PRECAUTIONS	6.0
STORAGE	7.0
DISPOSAL	8.0
PRODUCT INFORMATION	9.0
Spray Equipment	9.1
GENERAL USE DIRECTIONS	10.0
General Information	10.1
Field Sprayer Application	10.2
Buffer Zones	10.3
Mixing Procedures	10.4
Rotational Crop Restrictions	10.5
DIRECTIONS FOR USE	11.0
MINOR USES	12.0
Greenhouse and Outdoor Ornamentals (excluding cut flowers)	12.1
Greenhouse Vegetable Crops.....	12.2
RESISTANCE MANAGEMENT	13.0

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. May irritate eyes. Avoid contact with eyes or prolonged contact with skin or clothing. Avoid inhalation of dust.

Do not re-enter or allow worker entry into treated fields during the restricted entry interval of 12 hours except for those crops and activities identified in this pamphlet.

Crop	Restricted Entry Interval (REI)	Activity
Greenhouse peppers Greenhouse tomatoes subgroup 8-09A Greenhouse cucumbers	1 day	Harvesting
Outdoor ornamentals (excluding cut flowers)	1 day	Hand line irrigation

Do not apply this product using fogging equipment (hand held or automated) or using hand held mist blowers/airblast equipment.

Not for use in residential areas. Residential areas are defined as any use site where bystanders including children could be exposed during or after application. This includes homes, schools, parks, playgrounds, playing fields, public buildings, or other areas where the general public including children could be exposed.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

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.

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. In addition, wear a chemical-resistant hat (i.e. chemical resistant Sou'Wester hat or chemical resistant rain hat) during open cab air blast applications. Wear goggles during application.

6.0 ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms. Observe 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

To prevent contamination store this product in a dry place 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.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For Returnable Containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For Refillable Containers

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

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

9.0 PRODUCT INFORMATION

PALLADIUM® 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 GENERAL USE DIRECTIONS

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.

10.2 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 and Biological Engineers (ASABE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply using aerial application equipment.

DO NOT apply this product through any type of irrigation system.

DO NOT apply this product using fogging equipment (handheld or automated), or using handheld mist blowers/airblast equipment.

10.3 Buffer zones

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

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

Method of application	Crop	Buffer zones (metres) required for the protection of freshwater habitat of depths:	
		Less than 1 m	Greater than 1 m
Field sprayer	Greenhouse vegetable crops	3	1
	Outdoor ornamentals	5	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest

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

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

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

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.

10.4 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 PALLADIUM Fungicide to the tank.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the solution after the PALLADIUM Fungicide has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been applied.

10.5 Rotational Crop Restrictions

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

11.0 DIRECTIONS FOR USE

Ground application only. DO NOT apply using aerial application equipment.

Do not exceed 2.9 kg of product per hectare or 3 applications per year (outdoor uses) or crop cycle (greenhouse uses).

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

Make no more than two (2) sequential applications of PALLADIUM 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.

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.

12.1 Greenhouse and Outdoor Ornamentals (excluding cut flowers)

CROPS	GREENHOUSE ORNAMENTALS (excluding cut flowers) and OUTDOOR ORNAMENTALS (excluding cut flowers)
PEST	Suppression of Powdery mildew caused by <i>Sawadaea</i> sp. and <i>Erysiphe cichoracearum</i>
RATE	100 g product per 100 L of water. Spray to run off.
PEST	Control of: Alternaria leaf blight (<i>Alternaria</i> spp.) Anthracnose leaf spot (<i>Colletotrichum</i> spp.) Fusarium stem rot (<i>Fusarium</i> spp.) Rhizoctonia aerial blight (<i>Rhizoctonia</i> spp.) Sclerotinia blight & stem rot (<i>Sclerotinia</i> spp.) Suppression of: Fusarium blight (<i>Fusarium</i> spp.)
RATE	15 - 30 g product per 100 L of water. Spray to run off.
PEST	Powdery mildew (<i>Erysiphe polygoni</i> and <i>Sphaerotheca macularis</i>) Botrytis blight & gray mold (<i>Botrytis</i> spp.)
RATE	30 – 45 g product per 100 L of water. Spray to run off
APPLICATION INTERVAL (days)	7-14
APPLICATION DIRECTIONS	<p>First application should be made when disease first appears; a second application should be made 7-14 days later. An additional application can be made 7-14 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 PALLADIUM Fungicide application.</p> <p>For greenhouse ornamentals, apply a maximum spray volume of 1000 L/ha. For outdoor ornamentals, apply a maximum spray volume of 500 L/ha.</p> <p>Apply the higher rate and shorter interval under conditions of high disease pressure.</p> <p>Greenhouse ornamentals: DO NOT make more than 3 applications per crop cycle. DO NOT make more than 2 applications per crop cycle to control Botrytis blight and gray mold.</p> <p>Outdoor ornamentals: DO NOT make more than 3 applications per season. DO NOT make more than 2 applications per season to control Botrytis blight and gray mold.</p> <p>Plant safety has been found to be acceptable for many ornamental plants, however, not all possible plant species and varieties have been tested under all conditions. It is recommended to test PALLADIUM Fungicide on a small portion of the crop to ensure that a phytotoxic response will not occur.</p>

CROPS	OUTDOOR CUT FLOWERS
PEST	Alternaria leaf blight (<i>Alternaria</i> spp.) Anthracnose leaf spot (<i>Colletotrichum</i> spp.) Fusarium stem rot (<i>Fusarium</i> spp.) Rhizoctonia aerial blight (<i>Rhizoctonia</i> spp.) Sclerotinia blight & stem rot (<i>Sclerotinia</i> spp.)
RATE	30 – 45 g product per 100 L of water. Spray to run off
APPLICATION INTERVAL (days)	7-14
APPLICATION DIRECTIONS	<p>First application should be made when disease first appears; a second application should be made 7-14 days later.</p> <p>Apply in a maximum of 500 L/ha.</p> <p>Apply the higher rate and shorter interval under conditions of high disease pressure.</p> <p>DO NOT make more than 2 applications per season.</p> <p>Plant safety has been found to be acceptable for many ornamental plants, however, not all possible plant species and varieties have been tested under all conditions. It is recommended to test PALLADIUM Fungicide on a small portion of the crop to ensure that a phytotoxic response will not occur.</p>

12.2 Greenhouse Vegetable Crops

12.2 GREENHOUSE VEGETABLE CROPS	
CROPS	GREENHOUSE CUCUMBERS
PEST	Suppression of powdery mildew (<i>Podosphaera xanthii</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10
PHI (days)	1
APPLICATION DIRECTIONS	<p>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 of PALLADIUM Fungicide 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.</p> <p>Apply in sufficient water to ensure thorough coverage (200-3000 L/ha).</p> <p>DO NOT make more than 3 applications per crop cycle.</p> <p>DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours.</p>

CROPS	GREENHOUSE TOMATO
PEST	Control of powdery mildew (<i>Oidium lycopersici</i> , <i>Oidium neolycoopersici</i>) and grey mold (<i>Botrytis cinerea</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10
PHI (days)	1
APPLICATION DIRECTIONS	<p>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 per crop cycle are recommended to target grey mold 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.</p> <p>Apply in sufficient water to ensure thorough coverage (200-3000 L/ha).</p> <p>DO NOT make more than 3 applications per crop cycle to control powdery mildew.</p> <p>DO NOT make more than 2 applications per crop cycle to control grey mold.</p> <p>DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours.</p>
CROPS	GREENHOUSE TOMATO CROP SUBGROUP CG 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)
PEST	Control of grey mold (<i>Botrytis cinerea</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10
PHI (days)	1
APPLICATION DIRECTIONS	<p>First application should be made when disease first appears; a second application should be made 7-10 days later. A maximum of 2 applications per crop cycle are recommended to target grey mold for resistance management purposes.</p> <p>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.</p> <p>Apply in sufficient water to ensure thorough coverage (200-3000 L/ha).</p> <p>DO NOT make more than 2 applications per crop cycle to control grey mold.</p> <p>DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours.</p> <p>It is recommended to test PALLADIUM Fungicide on a small portion of the crop to ensure that a phytotoxic response will not occur.</p>

CROPS	GREENHOUSE LETTUCE
PEST	Control of powdery mildew (<i>Erysiphe cichoracearum</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10
PHI (days)	1
APPLICATION DIRECTIONS	<p>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.</p> <p>DO NOT make more than 2 applications of PALLADIUM fungicide 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 PALLADIUM application.</p> <p>Apply in sufficient water to ensure thorough coverage (200-3000 L/ha).</p> <p>DO NOT make more than 3 applications per crop cycle.</p>
CROPS	GREENHOUSE EGGPLANT
PEST	Control of grey mold (<i>Botrytis cinerea</i>) Suppression of powdery mildew (<i>Leveillula taurica</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10 days
PHI (days)	1
APPLICATION DIRECTIONS	<p>It is recommended to test PALLADIUM Fungicide on a small portion of the crop to ensure that a phytotoxic response will not occur.</p> <p>Apply in sufficient water to ensure thorough coverage (200-3000 L/ha).</p> <p>Make no more than 2 sequential applications before alternating with another mode of action.</p> <p>Maximum number of applications: DO NOT make more than three (3) applications per crop cycle. However, if grey mold is present, DO NOT make more than 2 applications per crop cycle for resistance management purposes.</p> <p>For control of grey mold: First application should be made when disease first appears; a second applications should be made 7-10 days later. The shorter interval should be used when disease pressure is expected to be high.</p> <p>For suppression of powdery mildew: Begin application when conditions become favourable for disease but before infection. If favourable conditions persist, make additional application on a 7 to 10 day interval.</p> <p>DO NOT enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours.</p>

CROPS	GREENHOUSE PEPPERS
PEST	Suppression of powdery mildew (<i>Leveillula taurica</i>)
RATE	775 g product/ha
APPLICATION INTERVAL (days)	7-10
PHI (days)	1
APPLICATION DIRECTIONS	<p>Begin applications when conditions become favorable for disease but before infection.</p> <p>If favorable conditions persist, make additional application on a 7 to 10 day interval.</p> <p>DO NOT make more than two sequential applications before using another registered fungicide.</p> <p>Apply in sufficient water to ensure thorough coverage (475-2000 L/ha).</p> <p>DO NOT make more than three (3) applications per crop cycle.</p> <p>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.</p>

13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, PALLADIUM Fungicide contains a Group 9 and Group 12 Fungicide. Any fungal population may contain individuals naturally resistant to PALLADIUM 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 PALLADIUM 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 PALLADIUM Fungicide or other fungicides in the same group in a season.

Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.

Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.

Where possible, make use of predictive disease models to effectively time fungicide

applications.

Monitor treated fungal populations for resistance development. Notify Syngenta if reduced sensitivity of the pathogen to Palladium Fungicide is suspected.

If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different site of action, if available.

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

PALLADIUM® is a trademark of a Syngenta Group Company.