

<b>GROUP</b>	<b>9</b>	<b>12</b>	<b>FUNGICIDES</b>
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## **SWITCH® 62.5 WG Fungicide**

**FUNGICIDE**

**WETTABLE GRANULES**

**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.: **28189**  
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. The user assumes the risk to persons or property that arises from any such use of this product.

## 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

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. There is no specific antidote known. Treat symptomatically.

## 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 enter or allow worker entry into treated fields during the restricted entry interval of 12 hours, except for activities for the following crops:

Crop	Restricted Entry Interval (REI)	Activity
Saskatoon berries	10 days	Hand harvesting, pruning and thinning
Spinach	3 days	Harvesting
CG 13-07F Small fruit vine climbing	7 days	Cane turning and girdling
	2 days	Training, tying and leaf pulling

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 HAZARDS**

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 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**

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

SWITCH® is a trademark of a Syngenta Group Company.

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**Pamphlet**

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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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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.

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CALL 1-800-327-8633 (FASTMED)***

## **9.0 PRORDUCT INFORMATION**

SWITCH® 62.5WG 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.

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

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

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

Ground application only. DO NOT APPLY BY AIR.

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 SWITCH 62.5 WG Fungicide before alternating with another registered fungicide with a different mode of action.

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

**DO NOT** apply by air.

#### 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 SWITCH 62.5WG Fungicide to the tank.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the solution after the SWITCH 62.5WG Fungicide has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been applied.

### 10.3. Buffer Zones

Use of the following spray methods or equipment **DOES 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	Crop Group 1B (root vegetables, except sugar beet; excluding carrots and ginseng), grapes, spinachAll field crops	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
Airblast	Crop subgroup 13-07F (early growth stage)	20	10
	Crop subgroup 13-07F (late growth stage)	10	5

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 (ASAE) 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.

### 10.4. Rotational Crop Restrictions

Do not plant any other crop for a period of 30 days after harvest or crop failure unless SWITCH 62.5WG Fungicide is registered for that use.

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

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Syngenta Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. Syngenta Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Syngenta Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

<b>Crop</b>	<b>Diseases</b>	<b>Product Rate in g/ha</b>	<b>Application Timing</b>
<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.
<b>Strawberries</b>	Control of Grey 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.
	Suppression of powdery mildew ( <i>Sphaerotheca macularis</i> )  Control of anthracnose ( <i>Colletotrichum acutatum</i> )	775 to 975	Begin applications at or before bloom and continue on 7 to 10 day intervals.  Apply in sufficient water volume to obtain thorough coverage; a minimum of 200 L/ha is recommended.  Do not make more than 3 applications per year. In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.  Resistance Management: After 2 applications of SWITCH 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.  Do not apply within 1 day of harvest.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Blueberries:</b> highbush and lowbush	Control of Anthracnose ( <i>Colletotrichum acutatum</i> )  Botrytis Fruit Rot ( <i>Botrytis cinerea</i> )  Control of the primary phase infection of mummy berry/Monilinia ( <i>Monilinia vacciniae-corymbosi</i> )  Suppression of sclerotinia berry drop ( <i>Sclerotinia sclerotiorum</i> ) on lowbush blueberry only	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.  Apply in sufficient water volume to obtain thorough coverage; a minimum of 200 L/ha is recommended.  Do not make more than 3 applications per year. In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.
<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.
<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.  Do not make more than 3 applications per year.  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.  Do not make more than 3 applications per year.

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Cabbage</b>	Suppression of Alternaria Leaf Blight ( <i>Alternaria brassicicola</i> )	775 to 975	<p>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.</p> <p>Do not apply within 7 days of harvest.</p> <p>Do not make more than 3 applications per year.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Crop Group 5B</b> (including: Broccoli raab (rapini), Chinese cabbage (bok choy), collards, kale, mizuna, mustard greens, mustard spinach, rape greens)	Suppression of Alternaria leaf blight ( <i>Alternaria brassicicola</i> )	775 to 975	<p>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.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Crop Group 3-07</b> (Complete list of crops: Garlic (bulb and great-headed), Leek, Onion (bulb, green, Welsh, potato, Chinese, tree, Beltsville bunching, fresh, macrostem, pearl), Shallot (bulb and fresh leaves), Chive (fresh leaves, Chinese), Daylily (bulb), Elgans hosta, Fritillaria, Garlic (serpent, bulb), Kurrat, Lady's Leek, Lily, Wild Leek)	Control of Botrytis Leaf Blight or Blast ( <i>Botrytis squamosa</i> )  Suppression of Purple Blotch ( <i>Alternaria porri</i> )	775 to 975	<p>Begin applications when conditions become favourable for disease but before infection. If favourable conditions persist make additional applications on 7 to 14 day intervals.</p> <p>Apply in sufficient water volume to obtain thorough coverage.</p> <p>Do not apply within 7 days of harvest. Do not make more than 3 applications per year.</p> <p>Do not enter or allow worker entry into treated bulb vegetables fields for hand weeding during the restricted entry interval (REI) of 3 days. For all other activities, do not enter or allow worker entry into treated areas within 12 hours after application.</p> <p>Make no more than two (2) sequential applications of SWITCH 62.5 WG Fungicide before alternating with another registered fungicide with a different mode of action.</p>
<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.</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><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>	<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:</p> <p>Ground: 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p> <p>Do not apply within 7 days of harvest.</p>



Crop	Diseases	Product Rate in g/ha	Application Timing
<p><b>Crop Group 1B: 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)</p>	<p>Botrytis grey mold (<i>Botrytis cinerea</i>)</p> <p>White mold (<i>Sclerotinia sclerotiorum</i>)</p>	<p>775 - 975</p>	<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 SWITCH 62.5WG fungicide per season.</p> <p><b>DO NOT APPLY BY AIR.</b></p> <p>Do not allow cattle or other livestock to feed upon the leaves of root vegetables.</p> <p>DO NO enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p> <p>Do not apply within 7 days of harvest.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Celery</b>	Anthracnose ( <i>Colletotrichum acutatum</i> )	775-975	<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 APPLY BY AIR.</p> <p>Do not make more than 2 applications per year.</p> <p>May be applied on the day of harvest (0-day PHI).</p>
<b>Ginseng</b>	Alternaria leaf blight ( <i>Alternaria panax</i> )	975	<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 SWITCH 62.5WG fungicide per season.</p> <p>DO NOT APPLY BY AIR.</p> <p>Do not allow cattle or other livestock to feed upon the leaves of root vegetables.</p> <p>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p> <p>Do not apply within 7 days of harvest.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Ginseng</b>	<p>Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>) (Suppression)</p> <p>Rhizoctonia root rot (<i>Rhizoctonia solani</i>)</p>	775 - 975	<p>Begin applications prior to or at the onset of disease and repeat applications on a 14-21 day interval if conditions remain favorable for disease development.</p> <p>While treating for other ginseng diseases listed on the label, SWITCH 62.5 WG will also provide control of Rhizoctonia and suppression of Cylindrocarpon if present. If only treating for Rhizoctonia and/or Cylindrocarpon, use SCHOLAR® 50WP or other fungicides registered for the targeted diseases.</p> <p>Apply by broadcast ground application in sufficient water volume to obtain thorough coverage and penetration to the soil and root zone.</p> <p>Do not make more than 2 applications of SWITCH 62.5 WG fungicide per season.</p> <p><b>DO NOT APPLY BY AIR.</b></p> <p>Do not allow cattle or other livestock to feed upon the leaves of root vegetables.</p> <p>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p> <p>Do not apply within 7 days of harvest.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
Grape	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.</p> <p>Application interval is 21 days.</p> <p>Resistance Management: After a maximum of 2 applications of SWITCH 62.5WG, 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.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Spinach</b>	Anthracnose ( <i>Colletotrichum dematium</i> f. sp. <i>spinaciae</i> ) and grey mold ( <i>Botrytis cinerea</i> )	775-975	<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>Apply the higher application rate under conditions of high disease pressure.</p> <p>Ground Application: Apply in 175 – 225 L of water per hectare.</p> <p>DO NOT make more than 2 applications per year.</p> <p>Do not apply within 3 day of harvest.</p> <p>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days for harvesting.</p>
<b>Field Pepper</b>	Anthracnose ( <i>Colletotrichum</i> spp.) Grey mould ( <i>Botrytis cinerea</i> )	775-975	<p>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 with a different mode of action.</p> <p>A minimum spray volume of 200 L water/ha is recommended.</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>DO NOT APPLY BY AIR.</p>
<b>Tomatoes (field grown)</b>	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.</p> <p>Apply the higher application rate under conditions of high disease pressure.</p> <p>Apply in sufficient water to ensure thorough coverage: Ground: 200 L of water /ha After 2 applications of SWITCH 62.5WG, 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>

Crop	Diseases	Product Rate in g/ha	Application Timing
<p><b>Crop subgroup 13-07A - Caneberry Subgroup</b></p> <p><b>Raspberry, Blackberry, Loganberry (Including cultivars, varieties and/or hybrids of these)</b></p>	<p>Control of Botrytis Fruit Rot (<i>Botrytis cinerea</i>)</p>	<p>775 to 975</p>	<p>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</p> <p>Do not make more than 3 applications per year. In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.</p> <p>Resistance Management: After 2 applications of SWITCH 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.</p> <p>Apply in sufficient water volume to obtain thorough coverage; a minimum of 200 L/ha is recommended.</p> <p>Do not apply within 1 day of harvest.</p>
<p><b>Crop subgroup 13-07B - Bushberry Subgroup</b></p> <p><b>Blueberry (highbush and lowbush), Saskatoon berry, Currant (black and red), Elderberry, Gooseberry, Huckleberry, Aronia berry, Buffalo currant, Chilean guava, European barberry, Highbush cranberry, Honeysuckle (edible), Jostaberry, Lingonberry, Native currant, Salal, Sea buckthorn (Including cultivars, varieties and/or hybrids of these)</b></p>	<p>Control of Anthracnose (<i>Colletotrichum acutatum</i>) on blueberries</p> <p>Suppression of Entomosporium leaf spot (<i>Entomosporium mespili</i>) on Saskatoon berries</p> <p>Control of Botrytis Fruit Rot (<i>Botrytis cinerea</i>) on bushberries</p>	<p>775 to 975</p>	<p>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.</p> <p>For Saskatoon Berry: 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.</p> <p>Apply in sufficient water to ensure thorough coverage (187-935 L/ha).</p> <p>Do not make more than 3 applications per year. In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.</p> <p>Resistance Management: After 2 applications of SWITCH 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.</p> <p>Do not apply within 1 day of harvest.</p>

Crop	Diseases	Product Rate in g/ha	Application Timing
<b>Crop subgroup 13-07F - Small Fruit Vine Climbing Subgroup</b> <b>Grape, Armur river grape, Hardy kiwifruit, Maypop, Schisandra berry (Including cultivars, varieties, and/or hybrids of these, excluding fuzzy kiwifruit)</b>	Control of Bunch Rot ( <i>Botrytis cinerea</i> )	775 to 975	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 21 days. Do not use an adjuvant. Do not make more than two applications per year. Do not apply more than 0.73 kg ai/ha of cyprodinil products and 0.49 kg ai/ha of fludioxonil containing products per crop. Resistance Management: After 2 applications of SWITCH 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications. Do not apply within 7 days of harvest.
<b>Crop subgroup 13-07G - Low Growing Berry Subgroup</b> <b>Bearberry, Bilberry, Blueberry (lowbush), Cloudberry, Lingonberry, Muntries, Partridgeberry, Strawberry (Including cultivars, varieties, and/or hybrids of these, excluding cranberries)</b>	Control of Grey Mould ( <i>Botrytis cinerea</i> )	775 to 975	Begin applications at or before bloom and continue on 7 to 10 day intervals.  Apply in sufficient water volume to obtain thorough coverage; a minimum of 200 L/ha is recommended.  Do not make more than 3 applications per year. In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.  Resistance Management: After 2 applications of SWITCH 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.  Do not apply within 1 day of harvest.

## 12.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, SWITCH 62.5WG Fungicide contains a Group 9 and Group 12 Fungicide. Any fungal population may contain individuals naturally resistant to SWITCH 62.5WG 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 SWITCH 62.5WG Fungicide or other Group 9 and Group 12 fungicides with different groups that control the same pathogens.

Avoid application of more than the maximum number listed in the label and do not apply more than 2 consecutive sprays of SWITCH 62.5WG 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 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 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).

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