

100-953

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Teresa Cox
Regulatory Product Manager
Syngenta Crop Protection, Inc.
PO Box 18300
Greensboro, NC 27419-8300

APR 09 2009

Dear Ms. Cox:

SUBJECT: Switch 62.5 WG
EPA Registration Number 100-953
Your submission of November 21, 2008 incorporating recent
supplemental labels into a master label
OPPIN decision number 403711

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided you make the following changes:

Page 3 – User Safety Requirements:

Change the sentence "If no such instructions for washables, use detergent and hot water." to "If no such instructions for washables exist, use detergent and hot water." Place the text "Follow manufacturer's instructions . . . to " . . . separately from other laundry." inside a box and entitle the box "User Safety Requirements."

Page 7 – Rotational Crop Restrictions

Change the list of crops with "0 days" in the "Planting Time From Last Application . . ." so that it reads

Beans (dried and succulent except cowpeas) – see crop list on page 12

Berries (bushberries, caneberries, juneberry, lingonberry, salal) – see crop list on page 13

Brassica (Cole) Leafy Vegetables – see crop list on page 14

Cucurbits– see crop list on page 16

Herbs (fresh and dried) – see crop list on page 18

Leafy Vegetables (except Brassica and Spinach) – see crop list on page 19

Leaves of Root and Tuber Vegetables– see crop list on page 20

Onions (dry bulb, including garlic, and green)

Root Vegetables except Sugar beet– see crop list on page 23

Strawberries
Tomatoes and tomatillos
Watercress
Crops Not Intended for Food or Feed

Pre-Harvest Interval Language:

Delete the bullet "May be applied on the day of harvest (0 day PHI)" for berries (page 13) citrus (page 15), leafy vegetables (except brassica and spinach) (page 19), strawberries (page 24), tomatoes (page 25), tropical fruits (page 26) and watercress (page 27).

Pages 29 and 30 – Storage and Disposal:

Place the Storage and Disposal language (including container language) inside a box.

Page 31 – Container Handling [Less Than 5 Gallons]

Replace the text:

"Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times."

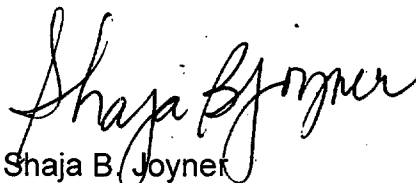
with:

"Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times."

Please submit one copy of your final printed supplemental labeling before the product is released for shipment. A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Lisa Jones on my team at (703) 308-9424 or jones.lisa@epa.gov.

Sincerely yours,



Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7505C)

Enclosure: Stamped label

[MASTER]

GROUP 9 | 12 FUNGICIDES

Switch® 62.5WG

Fungicide

Active Ingredients:

Cyprodinil*	37.5%
Fludioxonil**	25.0%
Other Ingredients:	37.5%
Total:	100.0%

*CAS No. 121552-61-2

**CAS No. 131341-86-1

Switch 62.5WG is a water-dispersible granule.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use on outer container.

EPA Reg. No. 100-953

EPA Est.

Formulated in the

SCP 953A-

Net Weight

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

APR 09 2009

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

100-953

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • 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 center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Handlers applying this product as a pre-plant dip to strawberry roots and crowns and workers packaging or preparing treated roots and crowns for shipment must wear:

- Chemical-resistant apron made of any waterproof material
- Elbow-length chemical-resistant glove made of any waterproof material
- Chemical-resistant boots made of any waterproof material

All other applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<p>User Safety Recommendations</p> <p>Users should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
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Environmental Hazards

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

Ground Water Advisory

This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Surface Water Advisory

This chemical may contaminate water through drift of spray in wind. This chemical has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this chemical. A level, well maintained vegetative buffer strip between areas to which this chemical is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this chemical will be reduced by avoiding applications when conditions favor runoff (such as when soils are saturated and/or significant rainfall is forecast in the next 48 hours).

Sound erosion control practices will reduce this chemical's contribution to surface water contamination.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE); notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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

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GENERAL INFORMATION

Switch 62.5WG is a broad spectrum fungicide for the control of certain diseases.

GENERAL USE PRECAUTIONS

Rotational Crop Restrictions

Do not plant any crop which is not registered for use with cyprodinil or fludioxonil for a period of 30 days, unless a shorter interval is specified on the following list.

Rotation Crop	Planting Time From Last Switch 62.5WG Application
Beans (dried and succulent except cowpeas) Berries (bushberries, caneberries, juneberry, lingonberry, salal) Brassica (Cole) Leafy Vegetables Cucurbits Herbs (fresh and dried) Leafy Vegetables (except Brassica and Spinach) Leaves of Root and Tuber Vegetables Onions (dry bulb, including garlic, and green) Root Vegetables except Sugar beet Strawberries Tomatoes Watercress Crops Not Intended for Food or Feed	0 days
All Other Crops Intended for Food or Feed	30 days

In annual crops where multiple crops can be grown per year (double/triple cropping), do not apply more than 1.3 lb. a.i. cyprodinil and 0.9 lb. a.i. fludioxonil per acre per year to an individual plot of land.

Aerial use is for California only. Make no more than one aerial application per season. For the crops to which aerial applications are allowed, refer to the specific crop directions for use.

Nassau and Suffolk counties of New York: use limited to strawberries and onions.

RESISTANCE MANAGEMENT

GROUP 9 | 12 FUNGICIDES

Switch 62.5WG contains two fungicides with different modes of action. Cyprodinil is an anilinopyrimidine in Group 9. Fludioxonil is a phenylpyrrole in Group 12. A disease management program that includes alternation or tank mixes between Switch 62.5WG and other labeled fungicides that have a different mode of action is essential to prevent pathogen populations from developing resistance to Switch 62.5WG. Do not alternate or tank mix this product with fungicides to which resistance has already developed. Switch 62.5WG may be applied in an alternating or blocking program.

APPLICATION INSTRUCTIONS

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. Recommended minimum ground spray volumes are 15 gal./A for field and vegetable crops and 50 gal./A for tree crops. For aerial application, see recommendations in the specific crop directions for use.

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.

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.

Use screens to prevent nozzles from clogging. Use 50-mesh or coarser screens placed after the tank and before the nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

Chemigation: Do not apply this product through any type of irrigation system.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS.

- Do not apply within 75 ft. of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes, or estuaries.
- For all plantings within 150 ft. of bodies of water as described above, spray crops from outside the planting away from the bodies of water.
- Shut off the sprayer when at row ends.
- Spray last three rows windward of aquatic areas using nozzles on one side only, with spray directed away from aquatic areas.
- Do not cultivate within 10 ft. of aquatic areas as to allow a vegetative filter strip.
- Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph.
- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

Aerial Spray Recommendations and Precautions

Aerial use is for California only. Make no more than one aerial application per season.

Avoid applications under conditions when uniform coverage cannot be obtained or when excessive drift may occur. Observe the following precautions when spraying in the vicinity of aquatic area such as lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish ponds.

- Do not apply by air within 150 ft. of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish ponds.
- Mount the spray boom on the aircraft so as to minimize the drift caused by wing tip vortices. Use the minimum practical boom length, and do not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Release the spray at the lowest height consistent with pest control and flight safety. Avoid applications more than 10 feet above the crop canopy.
- Reduce risk of exposure to aquatic areas by avoiding applications when wind direction is toward the aquatic area.

- Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic area. Avoid spraying during conditions of low humidity and/or high temperatures.
- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

MIXING PROCEDURES

Prepare no more spray mixture than 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.

Switch 62.5WG Alone: Add ½ of the required amount of water to the mix tank. With the agitator running, add the Switch 62.5WG to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the Switch 62.5WG has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Switch 62.5WG + Tank Mixtures: Switch 62.5WG is compatible in tank mixtures with many commonly used fungicides, liquid fertilizers, herbicides, insecticides and biological control products. If tank mixes are desired, observe all directions, precautions, and limitations on labeling of all products used. Consult compatibility charts or your local or state agricultural authorities for compatibility information.

To prepare spray solution, add ½ of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general, add tank mix partners in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables) such as Switch 62.5WG, liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

When using Switch 62.5WG in tank mixtures, add all products in water-soluble packaging to the tank before any other tank mix partner, including Switch 62.5WG. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

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If using Switch 62.5WG in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. Do not exceed label dosage rates, and follow the most restrictive label precautions and limitations. This product must not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

CROP USE DIRECTIONS

When a range of rates is provided, use the higher rates if weather conditions are conducive for higher disease pressure.

Crop	Disease	Rate oz./Acre	Remarks
Beans (Dried and Succulent except cowpeas) Chickpea (garbanzo bean) Bean (Lupinus spp.) (grain lupin, sweet lupin, white lupin, white sweet lupin) Bean (Phaseolus spp.) (kidney, lima, mung, navy, pinto, snap, wax) Broad Bean (fava bean) Bean (Vigna spp.) (asparagus, blackeyed pea)	White Mold (<i>Sclerotinia sclerotiorum</i>) Gray Mold (<i>Botrytis cinerea</i>)	11-14	Begin applications prior to or at the onset of disease and repeat applications on a 7 day interval if conditions remain favorable for disease development. 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. Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).

Crop	Disease	Rate oz./Acre	Remarks
Berries (Including all cultivars and/or hybrids of these)	Mummy berry (<i>Monilinia vacciniicorymbosi</i>)	11-14	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.
Bushberries Blueberry Currant Elderberry Gooseberry Huckleberry	Anthracnose (<i>Colletotrichum</i> spp.) Alternaria fruit rot (<i>Alternaria tenuissima</i>)		Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.
Caneberries Blackberry Loganberry Red and Black Raspberry	Phomopsis (<i>Phomopsis vaccinii</i>) Botrytis Fruit Rot (<i>Botrytis cinerea</i>)		
Juneberry Lingonberry Salal			

Specific Use Restrictions

- Application may be made by ground. Aerial application in California only. Make no more than one application by air. Use a minimum of 5 gallons/acre spray volume by air. Make additional applications by ground up to the maximum allowable a.i./A per plot of land per year.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

Crop	Disease	Rate oz./Acre	Remarks
Brassica (Cole) Leafy Vegetables (Including all cultivars and/or hybrids of these)	Powdery Mildew (<i>Erysiphe polygoni</i>)	10-12	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.
Broccoli Broccoli, Chinese Broccoli raab Brussels sprouts Cabbage Cabbage, Chinese Cauliflower Cavalo broccolo Collards Kale Kohlrabi Mizuna Mustard greens Mustard spinach Rape greens Turnip greens	Alternaria leaf blight (<i>Alternaria</i> spp.) Suppression: Cercospora leaf spot (<i>Cercospora brassicicola</i>)	11-14	Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground only.
- Do not use roots of treated turnips for food or feed. Only turnip varieties harvested for their leaves may be treated.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).

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Crop	Disease	Rate oz./Acre	Remarks
Citrus Lemon Lime	Alternaria Stem End Rot (<i>A. citri</i>) Anthracnose (<i>Colletotrichum gloeosporioides</i>) Blue Mold (<i>Penicillium italicum</i>) Green Mold (<i>Penicillium digitatum</i>)	11-14	Make one application near harvest to prevent post-harvest fruit rot. The application may be made up to and including the day of harvest.

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 14 oz./A of Switch 62.5 WG per plot of land per year.
- Do not apply more than 0.33 lb. a.i./A of cyprodinil containing products and 0.22 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

Crop	Disease	Rate oz./Acre	Remarks
Cucurbits Cantaloupe Chayote Chinese waxgourd Cucumber Gourds Honeydew Momordica spp. (Bitter melon, Balsam apple) Muskmelon Including cultivars and/or hybrids of these Watermelon Pumpkin Squash Zucchini	Alternaria Leaf Blight <i>(A. cucumerina)</i> Alternaria Leaf Spot <i>(A. alternate)</i> Gummy Stem Blight <i>(Didymella bryoniae)</i> Powdery Mildew <i>(Sphaerotheca fuliginea, Erysiphe cichoracearum)</i>	11-14	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. Resistance Management: After 2 applications of Switch 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5 WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied up to 1 day before harvest (1 day PHI).

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Crop	Disease	Rate oz./Acre	Remarks
Grapes	Botrytis (grey mold) (<i>B. cinerea</i>) Sour rot (caused by a fungal complex)	11-14	Begin applications of Switch at early bloom. Up to three additional applications 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. Do not apply closer than a 21-day interval. For sour rot, make an application at veraison followed by 1-2 additional applications. Do not apply closer than a 21-day interval. Resistance Management: After 2 applications of Switch 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground. Aerial application in California only. Make no more than one application by air. Use a minimum of 20 gallons/A spray volume by air. Make additional applications by ground up to the maximum allowable a.i./A per plot of land per year.
- Do not use an adjuvant.
- Do not apply more than 56 oz./A of Switch 62.5 WG per plot of land per year.
- Do not apply more than 1.4 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest.

Crop	Disease	Rate oz./Acre	Remarks
Herbs (Dried and fresh) Angelica Balm Basil Borage Burnet Camomile Catnip Chervil, dried leaves Chive Clary Coriander, leaves (cilantro) Costmary Culantro, leaves Curry, leaves Dillweed Horehound Hyssop Lavender Lemongrass Lovage, leaves Marigold Marjoram Nasturtium Parsley, dried leaves Pennyroyal Rosemary Rue Sage Savory, summer and winter Sweet bay Tansy Tarragon Thyme Wintergreen Woodruff Wormwood	Alternaria leaf spot (<i>Alternaria</i> spp.) Botrytis leaf blight (<i>Botrytis</i> spp.) Fusarium blight (<i>Fusarium</i> spp.)	11-14	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 in a minimum spray volume of 30 gal./A to obtain thorough coverage. Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).

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Crop	Disease	Rate oz./Acre	Remarks
<p>Leafy Vegetables (except Brassica and Spinach) (Including cultivars and/or hybrids of these)</p> <p>Amaranth Arugula Chervil Chrysanthemum, edible Corn salad Cress Dandelion Dock Endive (escarole) Lettuce, head and leaf Orach Parsley Purslane Radicchio</p>	<p>Alternaria leaf spot (<i>Alternaria</i> spp.)</p> <p>Septoria leaf spot (<i>Septoria lactucae</i>)</p> <p>Gray mold (<i>Botrytis cinerea</i>)</p> <p>Sclerotinia rot (<i>Sclerotinia</i> spp.)</p> <p>Basal rot (<i>Phoma exigua</i>)</p> <p>Suppression: Powdery mildew (<i>Erysiphe cichoracearum</i>)</p>	<p>11-14</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>For control of Sclerotinia, make the first application at thinning and again two weeks later.</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>

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

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Crop	Disease	Rate oz./Acre	Remarks
Onions Dry Bulb Green Onions grown for seed	Botrytis leaf blight or blast (<i>Botrytis</i> spp.)	11-14	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.
Garlic	Stemphylium leaf blight (<i>Stemphylium vesicarium</i>)		For optimal effect on neck rot, apply on a 7 day schedule at the 14 oz. rate.
	Purple blotch (<i>Alternaria porri</i>)		Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.
	Suppression: Neck rot (<i>Botrytis</i> spp.)		
	Black Mold (<i>Aspergillus niger</i>)		
	Soilborne diseases	7-14	Apply at the time of planting as an in-furrow spray.
	White rot (<i>Sclerotium cepivorum</i>)	(0.5-1.0 oz./ 1,000 ft. row)	

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxinil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).

24/31

Crop	Disease	Rate oz./Acre	Remarks
Pistachio	Botrytis (<i>Botrytis</i> spp.) Alternaria (<i>Alternaria alternata</i>)	11-14	Make the first application during early bloom and repeat applications at 14-day intervals if conditions remain favorable for disease development.

Specific Use Restrictions

- Application may be made by ground. Aerial application in California only. Make no more than one application by air. Use a minimum of 20 gallons/acre spray volume by air. Make additional applications by ground up to the maximum allowable a.i./A per plot of land per year.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).

25/31

Crop	Disease	Rate oz./Acre	Remarks
Root Vegetables except Sugar beet	Alternaria Leaf Blight (<i>Alternaria dauci</i>)	11-14	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.
Beet, garden Burdock, edible Carrot Celeriac Chicory Ginseng Horseradish Parsnip Radish (oriental) Rutabaga Salsify (including black and Spanish) Skirret Turnip Turnip-root Parsley Turnip rooted chervil	Powdery Mildew (<i>Erysiphe</i> spp.)		Resistance Management: After 2 applications of Switch 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.
Radish			On radish, make no more than two applications per crop.

Specific Use Restrictions

- Application may be made by ground only.
- Radish ONLY - do not apply more than 28 oz. per crop or more than 56 oz./A of Switch WG per plot of land per year.
- Do not apply more than 56 oz./A of Switch 62.5 WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- Do not apply within 7 days of harvest (7 day PHI).
- Do not allow cattle or other livestock to feed upon the leaves of root vegetables.

Crop	Disease	Rate oz./Acre	Remarks
Strawberries	Gray Mold (<i>Botrytis cinerea</i>)	11-14	Begin application at or before bloom and continue on a 7-10 day interval.
	Powdery mildew (<i>Sphaerotheca macularis</i>) Anthracnose (<i>Colletotrichum</i> spp.)		Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.
	Root and crown anthracnose at planting (<i>Colletotrichum</i> spp.)	5-8 oz. per 100 gal. water	Apply as a pre-plant dip to strawberry roots and crowns at the rate of 5 to 8 oz. per 100 gallons of water for suppression of root and crown rot caused by anthracnose. Wash transplants to remove excess soil prior to dipping. This helps to remove adhering spores from the external plant parts. Completely immerse planting stock in dip solution. Dip or expose plants for a minimum of 2 to 5 minutes. DO NOT reuse solution. Dispose of dip solution according to local regulations. Plant treated plants as quickly as possible. For continued anthracnose control, follow with foliar applications of beginning 2-3 weeks after transplant.

Specific Use Restrictions

- Application may be made by ground. Aerial application in California only. Make no more than one application by air. Use a minimum of 5 gallons/acre spray volume by air. Make additional applications by ground up to the maximum allowable a.i./A per plot of land per year.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

Crop	Disease	Rate oz./Acre	Remarks
Tomatoes	Early Blight (<i>Alternaria solani</i>)	11-14	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. Resistance Management: After 2 applications of Switch 62.5 WG, alternate with another fungicide with a different mode of action for 2 applications.
Tomatillos	Grey Mold (<i>Botrytis cinerea</i>)		
	Powdery Mildew (<i>Leveillula taurica</i>)		

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5 WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).
- **Do not apply to small tomatoes such as cherry or grape type tomatoes in the greenhouse.**

Crop	Disease	Rate oz./Acre	Remarks
Tropical Fruits	Botrytis fruit rot (<i>Botrytis</i> spp.)	11-14	Make the first application during early bloom and repeat on 7-10 day intervals if conditions remain favorable for disease development.
Avocado	Alternaria fruit rot (<i>Alternaria</i> spp.)		Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.
Black sapote			
Canistel	Anthracnose (<i>Colletotrichum</i> spp.)		
Lychee			
Longan			
Mamey sapote			
Mango			
Papaya			
Pulasan			
Rambutan			
Sapodilla			
Spanish lime			
Star apple			

Specific Use Restrictions

- Application may be made by ground. Aerial application in California only. Make no more than one application by air. Use a minimum of 20 gallons/acre spray volume by air. Make additional applications by ground up to the maximum allowable a.i./A per plot of land per year.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

Crop	Disease	Rate oz./Acre	Remarks
Watercress	Cercospora leafspot (<i>Cercospora</i> spp.) Sclerotinia white mold (<i>Sclerotinia</i> spp.) Rhizoctonia rot (<i>Rhizoctonia solani</i>)	11-14	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. Resistance Management: After 2 applications of Switch 62.5WG, alternate with another fungicide with a different mode of action for 2 applications.

Specific Use Restrictions

- Application may be made by ground only.
- Do not apply more than 56 oz./A of Switch 62.5WG per plot of land per year.
- Do not apply more than 1.3 lb. a.i./A of cyprodinil containing products and 0.9 lb. a.i./A of fludioxonil containing products per plot of land per year.
- May be applied on the day of harvest (0 day PHI).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in original containers in a cool, dry, secure place.

Pesticide Disposal

Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Handling [Less Than 5 Gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 953A-

Container Label
(1 lb. 12 oz.)

GROUP 9 | 12 FUNGICIDES

Switch® 62.5WG

Fungicide

Active Ingredients:

Cyprodinil*	37.5%
Fludioxonil**	25.0%
Other Ingredients:	37.5%
Total:	100.0%

*CAS No. 121552-61-2

**CAS No. 131341-86-1

Switch 62.5WG is a water-dispersible granule.

See directions for use in booklet.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-953

EPA Est.

Formulated in the

Net Weight