

100-953

03/13/2003

Jacket

1/15

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Larry Zang  
Novartis Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

MAR 13 2003

Dear Mr. Zang:

SUBJECT: Switch 62.5 WDG  
EPA Registration Number 100-953  
Your submission dated December 4, 2002

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable.

Please submit one copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones of my staff by phone at (703) 308-9242 or by e-mail at jones.lisa@epa.gov.

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure: Stamped Label

CONCURRENCES							
SYMBOL >	7505C						
SURNAME >	Lisa Jones						
DATE >	Mar 11, 2003						

**Switch™ 62.5WG**

**Fungicide**

*Active Ingredients:*

Cyprodinil (CAS No. 121552-61-2) ..... 37.5%

Fludioxonil (CAS No. 131341-86-1) ..... 25.0%

*Other Ingredients:* ..... 37.5%

*Total:* ..... 100.0%

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. 67545-AZ-1

Product of Switzerland  
Formulated in the USA

SCP xxxxx

\_\_ pound \_\_ ounces  
Net Weight

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
MAR 13 2003

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-953**

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

---

## **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.

### **Personal Protective Equipment (PPE)**

#### **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.

**User Safety Recommendations****Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

**Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates. 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.

**Physical or Chemical Hazards**

Do not use, pour, spill, 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 should 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. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **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 of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

6/15

## 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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Socks and chemical-resistant footwear

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

---

### STORAGE AND DISPOSAL

---

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

#### **Pesticide Storage**

Store in a cool, dry place.

7/15

### **Pesticide Disposal**

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

### **Container Disposal**

#### **Paper and Plastic Bags**

Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### **Plastic Containers**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

---

### **GENERAL INFORMATION**

---

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

Do not apply this product with fixed wing or rotary aircraft

#### **Chemigation**

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

---

### **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, apply in a minimum water volume of 20 gals./A.

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.

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 state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

---

## **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 1/2 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:** Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general, tank mix partners should be added 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.

**Note:** When using Switch 62.5WG in tank mixtures, all products in water-soluble packaging should be added 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.



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. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should 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.

**USE DIRECTIONS FOR SPECIFIC CROPS**

**Rotational Crop Restrictions:** Do not plant any other crop for a period of 12 months unless Switch 62.5WG is registered for that use.

Crop	Disease	Rate oz./Acre	Application Timing	Notes
<b>Berry Crop Grouping:</b>	Mummy Berry ( <i>Monilinia vaccinii-corymbosi</i> )	11-14	Make the first application during early bloom. A second application should be made 7 to 10 days later.	Pre-harvest interval is 0 days.
Bushberries (blueberries, currants, gooseberries, elderberry, huckleberry, as well as other cultivars and hybrids of these).	Anthracnose ( <i>Colletotrichum spp.</i> )		Additional applications can be made at 7-10 day intervals if conditions remain favorable for disease development.	Do not apply more than 56 ounces of product per acre per year.
<b>Caneberries</b> (blackberries, raspberries, and/or cultivars and/or hybrids of these).	Alternaria Fruit Rot ( <i>Alternaria tenuissima</i> )			
<b>Juneberry</b> <b>Lingonberry</b> <b>Salal</b>	Phomopsis ( <i>Phomopsis vaccinii</i> )		Make no more than two (2) sequential applications before using another registered fungicides. Switch 62.5WG may be applied in an alternating or blocking program.	
	Botrytis Fruit Rot ( <i>Botrytis cinerea</i> )			

Crop	Disease	Rate oz./Acre	Application Timing	Notes
Onions -Dry Bulb, Green, and Onions grown for seed	Botrytis Leaf Blight or Blast ( <i>Botrytis</i> spp.) and Purple Blotch ( <i>Alternaria porri</i> )	11-14	<p>Begin applications when conditions become favorable for disease but before infection. If favorable conditions persist, make additional applications on a 7 to 10-day interval.</p> <p>Make no more than two (2) sequential applications before using another registered fungicide. Switch 62.5WG may be applied in an alternating or blocking program.</p>	<p>Do not apply within 7 days of harvest.</p> <p>Do not exceed 56 ounces of product per year per acre.</p>
Pistachio	Botrytis ( <i>Botrytis</i> )  Alternaria ( <i>Alternaria</i> )	11-14	<p>Make the first application during early bloom. A second application should be made 14 days later. Additional applications can be made at 14 day intervals if conditions remain favorable for disease development.</p> <p>Make no more than two (2) sequential applications before using another registered fungicide. Switch 62.5WG may be applied in an alternating or blocking program.</p>	<p>Do not apply Switch 62.5WG within 7 days of harvest. (7 day PHI)</p> <p>Do not apply more than 56 ounces of product per acre per year.</p>

Crop	Disease	Rate oz./Acre	Application Timing	Notes
Strawberries	Gray Mold ( <i>Botrytis cinerea</i> )	11-14	Begin application at or before bloom and continue on a 7 to 10-day interval.  Make no more than two (2) sequential applications before using another registered fungicide. Switch 62.5WG may be applied in an alternating or blocking program .	Preharvest interval is 0-days.  Do not exceed 56 ounces of product per year per acre.
Watercress	Cercospora leafspot ( <i>Cercospora spp.</i> )  Sclerotinia white mold ( <i>Sclerotinia spp.</i> )  Rhizoctonia rot ( <i>Rhizoctonia solani</i> )	11-14	Begin applications when disease first appears and continue on a 7-10 day interval.  Make no more than two (2) sequential applications before using another registered fungicides. Switch 62.5WG may be applied in an alternating or blocking program.	Pre-harvest interval is 0 days.  Do not apply more than 56 ounces of product per acre per year.

**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.

12/15

- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

---

Switch™ and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent No. 5,153,200

©2003Syngenta

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

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP XXX

Product of Switzerland  
Formulated in the USA

SWI953A AMEND 11-26-02 ACA – bb – 12-2-02  
SWI953A-AMEND draft 2 – nsp 1/14/03 modified by LZ 3/7/03

Base Label

Switch™ 62.5WG

Fungicide

Active Ingredients:

Cyprodinil (CAS No. 121552-61-2) ..... 37.5%

Fludioxonil (CAS No. 131341-86-1) ..... 25.0%

Other Ingredients: ..... 37.5%

Total: ..... 100.0%

Switch 62.5WG is a water-dispersible granule.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See directions for use in attached booklet.

**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.**

Product of Switzerland  
Formulated in the USA

EPA Reg. No. 100-953  
EPA Est. 67545-AZ-1

\_\_ pound \_\_ ounces  
Net Weight

## Precautionary Statements

### Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

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

### Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. 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.

### Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

For minor spills, leaks, etc., follow precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

### Storage and Disposal

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

Store in a cool, dry place.

**Chemigation**

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

---

Switch™ and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent No. 5,153,200

©2003 Syngenta

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP XXX

SWI953A AMEND 11-26-02 ACA - bb - 12-2-02  
SWI953A-AMDEN draft 2 - nsp 1/14/03 modifield by lz 3/7/03 and 3/11/03