

100-953

08/21/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1000 Pennsylvania AVE, NW
Washington, D.C. 20460

EPA Reg. Number:

100-953

Date of Issuance:

AUG 21 2001

Term of Issuance:

Conditional

Name of Pesticide Product:

Switch 62.5WG

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code)

Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Fertilizer Act.

Registration in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect human and the environment, the Administrator, in his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right of exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(B) provided that you:

1. Submit/cite all data required for the registration/reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Add the phrase "EPA registration number 100-953" to the label.
 - b. Storage and Disposal: Move the Storage and Disposal section so that it appears under the Directions for Use either following the Agricultural Use Requirements box or at the end of the Directions for Use section.

continued.

Signature of Approving Official:

Mary L. Waller

Mary L. Waller, Product Manager 21
Fungicide Branch, Registration Division

Date:

8/21/01

Continued from first page

c. Pesticide Disposal: Move the sentence beginning "Do not contaminate ..." so that it appears immediately below the heading "Storage and Disposal".

d. Directions for Use: In the "notes" column of the Use Directions for Specific Crops table, change "Apply up to 56 ounces of product per acre per year." to "Do not exceed 56 ounces of product per acre per year." for both onions and strawberries.

e. Directions for Use: At the very end of this section, immediately before the box "For non-emergency ...": Replace "Switch" with "Switch 62.5WG" in the sentence beginning "Switch (TM) and the Syngenta logo ...".

f. Back Page of Booklet - Ingredient Statement: Change the "100" to "100.0" and line up the percentages so the decimal points all fall on a vertical line.

g. Back Page of Booklet - Move or add the Chemigation statement to the beginning of the "General Information" section, immediately following the sentence "Switch 62.5WG is a broad spectrum fungicide for the control of certain diseases."

h. In the sentence beginning "Switch (TM) and the Syngenta logo ..." replace "Switch" with "Switch 62.5WG".

3. The following data generated using Switch 62.5WG as the test material must be submitted to the Agency:

a. Fish Acute Toxicity Test with Bluegill Sunfish (GDL 850.1075 or 72-1(a)), due June 30, 2002

b. Fish Acute Toxicity Test with Rainbow Trout (GDL 850.1075 or 72-1(a)), due June 30, 2002

c. Aquatic Invertebrate Acute Toxicity Test with Freshwater Daphnids(GDL 850.1010 or 72-2), due June 30, 2002

d. Fish Acute Toxicity Test with Sheepshead Minnow (GDL 850.1075 or 72-3(a)), due September 30, 2002.

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- e. Mysid Acute Toxicity Test (GDL 850.1035 or 72-3(a)), due September 30, 2002.
- f. Honey Bee Acute Contact Toxicity (GDL 850.3020 or 141-1)), due June 30, 2002.
- g. Abiotic Hydrolysis (GDL 161-1), due June 30, 2002
- h. Aerobic Soil Metabolism (GDL 162-1), due December 30, 2003
- i. Mobility in Soil (GDL 163-1), due September 30, 2002.

* These data are required because the potential for synergistic effects between cyprodinil and fludioxonil is not fully understood by the Agency.

4. The following data pertaining to technical fludioxonil must be submitted to the Agency.

Two dry bulb onion residue field trials in Region 5 and 12 (GDL 171-4 and 860.1300), due March 15, 2003.

5. The following data pertaining to technical cyprodinil must be submitted to the Agency. These data were previously requested as a condition of registration for EPA Registration Number 100-811.

- a. Toxicity and bioaccumulation of sediment-associated contaminants with freshwater invertebrates (GDL 850.1735), due September 30, 2002.
- b. Toxicity of sediment-associated contaminants with estuarine and marine amphipods (GDL 850.1740), due September 30, 2002.
- c. Analytical method for plants (GDL 860.1340). This data is currently under review

6. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the technicals are conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. The

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EPA Registration Number 100-953

production information must be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information must be submitted to:

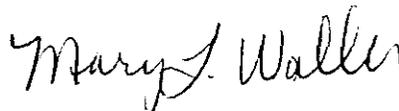
Registration Support Branch
Registration Division (7505C)
1200 Pennsylvania AVE, NW
Washington, DC 20460

7. Submit one copy of the final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions, contact Lisa Jones of my staff at (703) 308-9424 or at jones.lisa@epa.gov

Sincerely,



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

Enclosure: Stamped copy of label

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Switch™ 62.5WG

FUNGICIDE

For control of certain diseases in onions and strawberries.

Active Ingredient:	
Cyprodinil: (CAS No. 121552-61-2).....	37.5%
Fludioxonil: (CAS No. 131341-86-1).....	25.0%
<hr/>	
Other Ingredients:	37.5%
Total:	100.0%

Made in Switzerland

EPA Reg. No. 100-

EPA Est. 67545-AZ-1

SCP 953A-L1

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.

28 OUNCES

U.S. Standard Measure

ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 21 2001

**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
<p>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</p>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

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

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 waters or rinsate.

Physical or Chemical Hazards

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

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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 limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Storage and Disposal

Store in a cool, dry place.

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal

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.

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. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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), 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

GENERAL INFORMATION

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

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

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 20 gals./A 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.

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 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

Crop	Disease	Rate oz./Acre	Application Timing	Notes
Onions -Dry Bulb, Green & Onions grown for seed	Botrytis Leaf Blight or Blast (<i>Botrytis spp.</i>) and Purple Blotch (<i>Alternaria porri</i> .)	Switch 62.5WG 11-14	Begin applications when conditions become favorable for disease but before infection. If favorable conditions persist, make additional applications on a 7-10 day interval.	Do not apply within 7 days of harvest. Do not plant rotational crops other than strawberries or onions for 12 months following the last application of Switch 62.5WG. Apply up to 56 ounces of product per acre per year.
Strawberries	Gray Mold (<i>Botrytis cinerea</i>)	Switch 62.5WG 11-14	Begin application at or before bloom and continue on a 7-10 day interval. Switch may be applied in an alternating or blocking program with other registered fungicides.	Preharvest interval is 0- day. Do not plant rotational crops other than strawberries or onions for 12 months following the last application of Switch 62.5WG. Apply up to 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 PONDS.

- Do not apply within 75 feet of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries.
- For all plantings within 150 feet 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 feet 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.

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

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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

Back Page of Booklet

Switch™ 62.5WG

FUNGICIDE

Active Ingredient:

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

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

Other Ingredients: 37.5%

Total: 100%

Made in Switzerland

Switch 62.5WG is a water-dispersible granule.

See directions for use in attached booklet.

<p>AGRICULTURAL USE REQUIREMENTS</p> <p>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.</p>
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28 OUNCES
U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 100-

EPA Est. 67545-AZ-1

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.

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
<p>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</p>	

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 waters 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. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Storage

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

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Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 953A-L1

[LABELS-W/SWITCH 62.5WG-A] - ccg – 7/31/01