

100-801

7-27-2001

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Please read instructions on reverse before completing form.

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
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Application for Pesticide - Section I

1. Company/Product Number 100-801	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ridomil Gold® PC Liquid Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUL 27 2001
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. The following changes are being made via this notification: 1) Company name and address have been updated to reflect Syngenta Crop Protection, Inc. 2) The Conditions of Sale and Warranty statement has been changed to reflect the name change. Because Syngenta has been formed by the merger of Novartis Crop Protection, Inc. and Zeneca Ag Products, we have chosen to use the former Zeneca warranty statement as the Syngenta warranty statement. No other changes occur in the statement other than the name change. 3) The copyright date reflects Syngenta. 4) Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark. 5) The internet address has been changed to reflect Syngenta. 6) Other places in the label which referring to the company name have been updated.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nan S. Padgett	Title Label Group Leader	Telephone No. (Include Area Code) 836-632-7567
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Label Group Leader	
4. Typed Name Nan S. Padgett	5. Date July 13, 2001	

NOTIFICATION

JUL 27 2001

 PULL HERE TO OPEN ►

Ridomil Gold®



FUNGICIDE
For control of damping-off, seed and seedling rot diseases of cotton
See additional precautionary statements and directions for use inside booklet.
Using label instructions, apply the entire contents of this container to the target crop once the container is opened.
EPA Est. 34704-MS-2®
EPA Est. 67545-AZ-1®
(Superscript is first letter of lot number on jug)
Product of Switzerland Formulated in the USA
SCP 801D-M2C 0501

Total **326.25 fl. oz.**
U.S. Standard Measure

Ridomil Gold EC

Active Ingredients:
(R)-2-[(2,6-dimethylphenyl)-methoxyacetyl-
amino]-propionic acid methyl ester . . . 47.6%
Related Compounds 1.4%

Other Ingredients: 51.0%
Total: 100.0%

EPA Reg. No. 100-801

KEEP OUT OF REACH OF CHILDREN.
WARNING/AVISO
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)
6.25 fl. OZ. U.S. Standard Measure

PCNB 2-E LIQUID

Emulsifiable Concentrate
Active Ingredient: Pentachloro-
nitrobenzene (PCNB) 24.0%
Inert Ingredients*: 76.0%

Total: 100.0%
*Contains Aromatic Petroleum Solvent
Contains 2 lbs. of PCNB per gallon.
EPA Reg. No. 5481-212

KEEP OUT OF REACH OF CHILDREN.
DANGER/PELIGRO
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)
320 fl. OZ. U.S. Standard Measure

syngenta

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.

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.

Ridomil Gold PC Liquid

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, such as barrier laminate or viton
- Chemical-resistant footwear plus socks
- Protective eyewear

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

GENERAL INFORMATION

Ridomil Gold PC Liquid is a combination of fungicides for the control of certain damping-off, seed and seedling rot diseases in cotton caused by *Pythium* spp. and *Rhizoctonia solani*. For the best results, use high quality seed and plant into a properly prepared seedbed.

THIS PRODUCT IS NOT TO BE USED IN FOLIAR APPLICATIONS UNLESS SPECIFIED ON THIS LABEL OR IN SOLUTIONS USED TO DIP PLANTS. DO NOT USE IN NURSERIES, TURF, OR LANDSCAPE PLANTINGS, UNLESS SPECIFIED IN THIS LABEL.

Note: Ridomil Gold PC Liquid is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of Ridomil Gold PC Liquid as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a Ridomil Gold insensitive strain of fungi, neither Ridomil Gold PC Liquid nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance on your particular crop and disease control situation.

THIS LABEL IS FOR FIELD USE ONLY AND IS NOT INTENDED FOR USE ON TRANSPLANT TRAYS, GREENHOUSES, LATH HOUSES, FLOAT HOUSES, HYDROPONIC PRODUCTION, OR IN BEDDING PLANT STRUCTURES.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury may occur.

Mixing Instructions

Prepare no more spray mixture than is required for the immediate operation. When the container is opened, immediately pour the entire contents of this container into the spray tank. Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Ridomil Gold PC Liquid Alone: Add 1/4-1/2 of the required amount of water to the spray tank, add all of the contents of both chambers of the Ridomil Gold PC Liquid container, then add the rest of the water.

Ridomil Gold PC Liquid + Tank Mixtures: Consult your dealer or Syngenta sales representative for information concerning the compatibility with other tank mix partners. **Note: When using Ridomil Gold PC Liquid in mixture, any product in water-soluble packaging should be added to the tank prior to adding Ridomil Gold PC Liquid. Allow water-soluble packaging to completely dissolve and the mixture product to completely disperse before adding Ridomil Gold PC Liquid to the tank.**

Add 1/4-1/2 of the required amount of water to the spray tank. In general, tank mix partners should be added in this order: wettable powders, dry flowable formulations, liquid flowable formulations, and emulsifiable concentrations such as Ridomil Gold PC Liquid. 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 and the Ridomil Gold PC Liquid to the spray tank. Add all of the contents of both chambers of the Ridomil Gold PC Liquid container to the tank at once. Allow the Ridomil Gold PC Liquid to become completely dispersed into the mix water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

BEFORE TANK MIXING RIDOMIL GOLD PC LIQUID WITH OTHER REGISTERED PRODUCTS FOR ANY USE ON THIS LABEL, READ THE LABEL OF THE TANK MIX PARTNER TO BE CERTAIN IT IS LABELED FOR USE ON THE PARTICULAR CROP AND THAT USE PATTERNS ARE COMPATIBLE WITH THOSE OF RIDOMIL GOLD PC LIQUID.

If using Ridomil Gold PC Liquid in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner 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 products are registered.

For banded applications, the area actually is the area covered by the band, not total cropland area planted. Some row-crop recommendations are based on treating in-the-row and these rates generally are specified as amounts (fl. oz.) of product per certain row length (often 1,000 ft.). Others express rates as amount per treated acre which means the total area treated with the pesticide. If rates are expressed as amount per treated acre and banded applications are used, the amount of pesticide used per acre will be proportionately less. The following formula can be used to calculate the amount of Ridomil Gold PC Liquid needed per acre of crop when banded applications are made.

Calculate the amount of Ridomil Gold PC Liquid needed for band treatment by the formula:

$$\frac{\text{band width in inches}}{\text{row spacing in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

Application Instructions

Ground Application: Apply Ridomil Gold PC Liquid by ground in sufficient water or liquid fertilizer to provide uniform coverage of the soil surface. Apply in a minimum of 20 gals./A for ground applications. Refer to the specific crop directions for use for application recommendations.

Aerial Application: Do not apply Ridomil Gold PC Liquid by aerial application.

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

COTTON

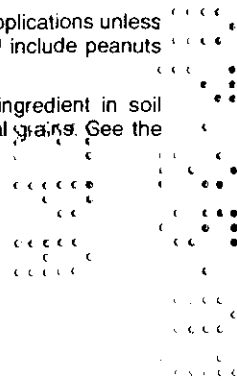
For the control of seed and seedling diseases, use the entire contents of this container to treat 5-6.7 acres of cotton (40-inch row or 13,000 linear ft./A). Apply to furrow and surrounding soil at planting time in 5-15 gals. of water per 13,000 linear ft. of row. Mount the spray nozzle so that the spray is directed into the furrow over the seed just before the seeds are covered.

Note: Do not allow the feeding or grazing of cotton foliage by livestock.

Rotational Crops

Do not plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops. **Note:** Root crops where PCNB is registered include peanuts and potatoes.

Do not plant any crop which is not registered for use with the Ridomil Gold active ingredient in soil treated with this active ingredient for a period of 12 months, with the exception of cereal grains. See the following list.



Ridomil Gold* PC Liquid

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Rotation Crop	Planting Time From Last Ridomil Gold PC Liquid Application
Alfalfa (including birdsfoot trefoil), Almonds, Apples, Asparagus, Avocados	0 days
Blueberries, Broccoli	
Cabbage, Cauliflower, Chinese Broccoli (gai lan, white flowering broccoli), Chinese Cabbage (tight-heading varieties only), Citrus, Cotton, Cranberries, Cucurbit Vegetables	
Deciduous Fruits and Nuts*	
Eggplant	
Grapes	
Hops	
Leafy Vegetables (except Brassica), Legume Vegetables (beans and peas – succulent and dried)	
Papayas, Peanuts, Peppers, Pineapples	
Raspberries	
Soybeans, Spinach, Stone Fruits, Strawberries	
Tobacco, Tomatoes	
Walnuts	
Cereal Grains Other than Corn	
Corn	9 months
Crops Not Intended for Food or Feed	0 days
All Other Crops Intended for Food or Feed	12 months

*These crops and other perennial crops may be planted immediately following last application of Ridomil Gold PC Liquid, provided they will not bear harvestable fruit within 12 months.

STORAGE AND DISPOSAL

Storage Instructions

Do not use, pour, spill, or store near heat or open flame. Store product in its original container in a cool, dry, locked place out of reach of children. Protect from temperatures below 32°F.

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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

Do not reuse empty container. Triple rinse container (or equivalent) and then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

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

PRECAUTIONARY STATEMENTS

Ridomil Gold EC
Hazards to Humans and Domestic Animals
WARNING/AVISO
 Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Avoid contact with skin.

Statement of Practical Treatment
If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.
If on skin: Wash with plenty of soap and water. Get medical attention.
If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

PCNB 2-E LIQUID**Hazards to Humans and Domestic Animals****DANGER/PELIGRO**

Corrosive, causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing vapors or spray mist. Use with adequate ventilation. Do not contaminate feed or foodstuffs.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention immediately.

If on skin: Wash affected area with soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting unless under the supervision of a physician. Vomiting may cause aspiration pneumonia. This product contains an aromatic solvent.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

Ridomil Gold PC Liquid**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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 or enclosed cabs 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.
- 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.

Environmental Hazards**Ridomil Gold EC**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

PCNB 2-E LIQUID

This pesticide is toxic to fish and aquatic organisms. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not apply directly to water, 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. Do not apply directly adjacent to potable water supplies.

Ridomil Gold® PC Liquid

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Physical or Chemical Hazards

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

Ridomil Gold® and Twin-Pak™ trademarks of Syngenta

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Product of Switzerland

Formulated in the USA

Syngenta Crop Protection, Inc.

Greensboro, North Carolina 27409

www.syngenta-us.com

SCP 801D-M2C 0501

Ridomil Gold®



FUNGICIDE

For control of damping-off, seed and seedling rot diseases of cotton

EPA Est. 34704-MS-2®

EPA Est. 67545-AZ-1®

(Superscript is first letter of lot number on jug)

©2001 Syngenta

Product of Switzerland
Formulated in the USA

Syngenta Crop Protection, Inc.
Greensboro, NC 27409
www.syngenta-us.com
SCP 801D-M2C 0501

Total **326.25 fl. oz.**
U.S. Standard Measure

Ridomil Gold EC

Active Ingredient:	
(R)-2-[(2,6-dimethylphenyl)-methoxyacetylamino]-propionic acid methyl ester	47.6%
Related Compounds	1.4%

Other Ingredients: 51.0%

Total: 100.0%

EPA Reg. No. 100-801

Ridomil Gold® and Twin-Pak™ trademarks of Syngenta

6.25 fl. oz.

U.S. Standard Measure

PCNB 2-E LIQUID

Emulsifiable Concentrate

Active Ingredient:	
Pentachloronitrobenzene (PCNB)	24.0%
Inert Ingredients*	76.0%

Total: 100.0%

*Contains Aromatic Petroleum Solvent

Contains 2 lbs. of PCNB per gallon.

EPA Reg. No. 5481-212

320 fl. oz.

U.S. Standard Measure

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.