

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460 NOTIFICATION

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

2008

Melvin K. Tolliver Registration Product Manager, Fungicides Bayer CropScience P.O. Box 12014 2 T.W. Alexandria Drive Research Triangle Park, NC 27709

APR

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Mr. Tolliver:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated March 19, 2008 for:

| EPA Registration 264-861 | Provost 480 SC Fungicide       |
|--------------------------|--------------------------------|
| EPA Registration 264-825 | Proline 480 SC Fungicide       |
| EPA Registration 264-729 | Elite 45 DF Foliar Fungicide   |
| EPA Registration 264-752 | Folicur 3.6 F Foliar Fungicide |

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by nonnotification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs

# Bayer CropScience



Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S4900
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

March 19, 2008

Bayer CropScience 2 T.W. Alexander Drive P. O. Box 12014 RTP, NC 27709 Phone: (919) 549-2000

Subject: Folicur 3.6 F Foliar Fungicide, EPA Reg. No. 264-752 Notification per PR Notice 2007-4

Dear Sir/Madam:

Folicur 3.6 F Foliar Fungicide is currently registered with the Agency for control of fungi infecting a number of agricultural crops. With the enclosed application form, we are notifying the Agency of label changes per PR Notice 2007-4.

Since this is a notification, no fee under PRIA is required.

If you have any questions or need additional information, please contact me by phone at (919) 549-2631 or by e-mail at mel.tolliver@bayercropscience.com.

Sincerely,

Melin K. Tolliver

Melvin K. Tolliver Registration Product Manager, Fungicides

# Enclosure:

1. EPA application form 8570-1

2. Draft labeling with changes highlighted in yellow

3. Final Printed labeling (two copies)



| Please read instructions on  | reverse before comple                                    | ting form.   |  | Form Ap  | proved              | . OMB No.                  | 2070-006                           | 30. Approval expires 2-28-9                                 |
|--|--|--|--|--|---------------------|----------------------------|------------------------------------|---|
| <b>\$EPA</b>   | Environmenta   | United States<br>I <b>I Protectio</b> r<br>ington, DC 2046 |  |  |                     | Registra<br>Amend<br>Other | ation                              | OPP Identifier Number                                       |
|  |  | Application  | n for Pestic                                     | de - Sec   | tion                | 1                          |                                    |   |
| 1. Company/Product Numb<br>264-752   | вт   |  | ŧ.   | Product Man<br>Waller                                    | ager                |                            | 3. P                               | roposed Classification  None Restricted                     |
| 4. Company/Product (Name<br>Folicur 3.6 F Foliar Fu  |  |  | PM#<br>Team                                      | 21   |                     |                            |                                    | The include   |
| 5. Name and Address of Ap<br>Bayer CropScience<br>P.O. Box 12014, 2 T<br>Research Triangle P | LP<br>.W. Alexander Dr                                   |  | (b)(i), r<br>to:<br>EPA                          | ny product<br>Reg. No<br>uct Name                        |                     | lar or idea                | iotifi                             | FIFRA Section 3(c)(3) emposition and labeling CATION 4 2008 |
|  |  | <del> </del>   | Section -  | <u> </u>   |                     | <u> </u>                   | <del></del> .                      |   |
| Amendment - Explain  Resubmission in res  Notification - Explain                             | ponse to Agency letter                                   | dated  |  | Final printe<br>Agency lett<br>"Me Too" /<br>Other - Exp | ter date<br>Applica | tion.                      | e to                               |   |
| Notification of label change   | per PR Notice 2007-4. S                                  | See attached.  |  | <del></del>  |                     |                            |                                    |   |
|  |  |  | Section - I                                      | <u>                                     </u>             |                     |                            |                                    |   |
| 1. Material This Product Wi  | Il Be Packaged In:                                       |  | ·<br>·   |  |                     |                            |                                    |   |
| Child-Resistant Packaging Yes No * Certification must  | Unit Packaging Yes No If "Yes" Unit Packaging wgt.       | No. per<br>container                                       | Water Soluble F  Yes  √ No  If "Yes" Package wgt | No. per  | r                   | 2. Type of                 | Metal Plastic Glass Paper Other (S |   |
| be submitted   |  | ļ  | <u> </u>   |  |                     |                            |                                    |   |
| 3. Location of Net Contents  | Information Container                                    | 4. Size(s) Retail  | l Container<br>and 2.5 Gallons                   |  | 5. Loc              | ation of Lat               | oel Directio                       | ns  |
| 6. Manner in Which Label is  | Affixed to Product                                       | Lithogra<br>Paper gli<br>Stencile                          |  | Other  | '                   |                            |                                    |   |
|  |  |  | Section - I'                                     | <u> </u>   |                     | <del> </del>               | -,                                 | ·   |
| 1. Contact Point  Complete   | items directly below f                                   | or identification  | of individual to b                               | e contacted,   | if nece             | ssary, to pr               | ocess this                         | application.)   |
| Name<br>Melvin K. Tolliver   |  |  | itle<br>Registration Prod                        | duct Manage  | er, Fun             | gicides                    | Telephon<br>(919) 549              | e No. (Include Area Code)<br>0-2631                         |
|  | ements I have made on<br>ny knowlingliy false or<br>law. |  | li attachments th                                |  |                     |                            |                                    | 6. Date Application<br>Received 6<br>(Stamped)              |
| 2. Signature  Melorior   | K. Tollo   | i i  | Title<br>Registration Produ                      | ct Manager, F  | ungicid             | ies                        |                                    | 0000  |
| 4. Typed Name<br>Melvin K. Tolliver  |  | 5.   | Date<br>Mai                                      | rch 19, 20   |                     |                            |                                    | 0000<br>0000<br>0000  |

Folicur 3.6 F Foliar Fungicide EPA Reg. No. 264-752

Section II - Continued

Folicur 3.6 F Foliar Fungicide is currently registered with the Agency for control of fungi infecting peanuts and grasses grown for seed. With this application form, we are notifying the Agency of label changes per PR Notice 2007-4. As required by PR Notice 2007-4 for a notification, we are using the exact wording contained the PR Notice. We are enclosing one copy of draft labeling, dated 3/18/08, in which the text of the PR Notice is highlighted in yellow. In addition, we are also enclosing two copies of final printed labeling. There are no changes in rates, timing of application, number of applications, or PHI from what is currently registered.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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."

APR 0 4 2008

# Folicur® 3.6 F Foliar Fungicide

| For control of specified diseases on peanuts and grasses grown for seed.         |                           |  |
|--|---------------------------|--|
| ACTIVE INGREDIENT:   |                           |  |
| Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4 | -triazole-1-ethanol 38.7% |  |
| INERT INGREDIENTS:   | <u>61.3%</u>              |  |
| Contains 3.6 pounds tebuconazole per gallon                                      | 100.0%                    |  |
| EPA Reg. No. 264-752   | EPA Est. No.              |  |

# STOP - Read the label before use Keep out of reach of children CAUTION

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

# **FIRST AID**

| If swallowed           | Call a poison control center or doctor immediately for treatment advice.  |  |  |
|------------------------|---|--|--|
|                        | Have person sip a glass of water if able to swallow.  |  |  |
|                        | Do not induce vomiting unless told to do so by a poison control center or doctor.   |  |  |
|                        | Do not give anything by mouth to an unconscious person.   |  |  |
| If on skin or clothing | Take off contaminated clothing.   |  |  |
|                        | Rinse skin immediately with plenty of water for 15 to 20 minutes.   |  |  |
|                        | Call a poison control center or doctor for treatment advice.  |  |  |
| If in eyes             | <ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if<br/>present, after the first 5 minutes, then continue rinsing eye.</li> </ul> |  |  |
|                        | Call a poison control center or doctor for treatment advice.  |  |  |
| If inhaled             | Move person to fresh air.   |  |  |
|                        | If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.  |  |  |
|                        | Call a poison control center or doctor for further treatment advice.  |  |  |

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: No specific antidote. Treat symptomatically.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation

# PRECAUTIONARY STATEMENTS

# HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist.

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 C on an EPA chemical-resistance category selection chart.

## Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- 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 CONTROLS 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.
- · Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine and marine 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. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### **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
- · Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- Shoes plus socks

### STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.

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

Container Disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure 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 or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then 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.

Spray Volume: FOLICUR 3.6 F may be applied in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

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

Mixing: Add recommended amount of FOLICUR 3.6 F into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the FOLICUR 3.6 F should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of FOLICUR 3.6 F with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information contact your local Bayer CropScience representative.

| RECOMMENDED AP | PLICATIONS DISEASE  | RATE OF FOLICUR 3.6 F   |  |
|----------------|---|---|--|
| Grasses Grown  | Rusts (Puccinia spp.)   | 4 to 8 fl oz per acre   |  |
| for Seed       |   | 6 F as soon as weather conditions are favorable for rust development or epeat applications at 14- to 16-day intervals. Under heavy disease pressure ervals. |  |
|                | Powdery mildew  | 4 to 8 fl oz per acre   |  |
|                | Apply specified rate of FOLICUR 3.6 F when powdery mildew first appears on the leaves. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 6 to 8 fl oz/A and shorter spray intervals. |   |  |

**General Comments:** Apply the specified rate in a minimum of 20 gallons of water per acre with ground sprayers or in a minimum of 10 gallons of water per acre with aircraft. Thorough coverage is important for optimum disease control.

For optimum benefit, the lowest recommended rate of a spray surfactant should be tank mixed with FOLICUR 3.6 F.

A maximum of 16 fluid ounces (1 pint) may be applied per acre per crop season. FOLICUR may be applied up to 4 days before harvest. Chaff, screenings and straw from treated areas may be used for feed purposes; however, do not forage, cut green crop, or use seed for feed purposes. Regrowth may be grazed starting 17 days after last application.

| RECOMMENDED | APPLICATIONS   |
|-------------|--|
| CROP        | DISEASE RATE OF FOLICUR 3.6 F  |
| Peanut      | SOILBORNE: 7.2 fl oz per acre  |
|             | Sclerotium stem and pod rot (white mold, southern blight, southern stem rot)   |
|             | Rhizoctonia limb rot   |
| 3.          | Rhizoctonia pod rot (Virginia and North Carolina only)   |
|             | FOLIAR:  |
|             | Early leaf spot  |
|             | Late leaf spot   |
|             | Leaf rust  |
|             | Web blotch (Phoma)   |
|             | Pepper spot (Leptosphaerulina)   |
| ,           | <b>FOUR-APPLICATION SPRAY PROGRAM:</b> Apply the specified rate in a preventive spray schedule. See table below for proper timing of applications. Applications of chlorothalonil should be made prior to and following applications of FOLICUR 3.6 F to discourage development of resistant strains of fungi. For optimum control of foliar diseases such as leaf rust, web blotch, and pepper spot, the lowest label recommended rate of a spray surfactant should be tank-mixed with FOLICUR 3.6 F. |
|             | <b>LEAF SPOT ADVISORY SCHEDULE:</b> For control of soilborne diseases in an advisory schedule, apply FOLICUR 3.6 F in the first advisory spray in July and continue FOLICUR 3.6 F applications at 14-day intervals. Applications after August 15 should be tank mixed with chlorothalonil for resistance management purposes.  |

**GENERAL DIRECTIONS**: For optimum control of the specified soilborne diseases, four consecutive applications of FOLICUR 3.6 F must be made at 14-day intervals.

A maximum of 28.8 fluid ounces of FOLICUR 3.6 F may be applied per crop season. FOLICUR may be applied up to 14 days before harvest. Do not feed hay or threshings or allow livestock to graze in treated areas.

FOLICUR 3.6 F is a sterol demethylation inhibitor (DMI) fungicide. Chlorothalonil may be tank mixed at the rate of 12 ounces of active ingredient with FOLICUR 3.6 F as a leaf spot resistance management strategy. A spray surfactant is not necessary when FOLICUR 3.6 F is tank mixed with chlorothalonil. Mixing or alternating FOLICUR 3.6 F with other DMI fungicides may lead to resistance.

FOLICUR 3.6 F must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots caused by *Sclerotium rolfsii* and *Rhizoctonia solani*. Drought conditions will decrease the effectiveness of FOLICUR 3.6 F against the root and pod rots.

Use FOLICUR 3.6 F in conjunction with cultural practices that are known to reduce the severity of soilborne diseases, such as proper crop rotation practices.

| Timing of FOLICUR 3.6 F Application for Optimum Control of White Mold and Rhizoctonia Limb and Pod Rot |                               |                                |  |
|--|-------------------------------|--------------------------------|--|
| Spray Program  | FOLICUR 3.6 F Application No. | Chlorothalonil Application No. |  |
| 7 applications   | 3, 4, 5 and 6                 | 1, 2 and 7                     |  |

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

Apply only during alternate years in fields adjacent to aquatic areas listed above.

Do not apply by ground or air within 100 feet of aquatic areas listed above.

Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

Spray Drift Management: For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wing span or rotor diameter.

Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

## ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any crop not specified on this label may be planted into treated areas 120 days after last application.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

**NET CONTENTS:** 



Bayer CropScience LP P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709 1-866-99BAYER (1-866-992-2937)

Folicur 3.6 F Foliar Fungicide (MASTER) Approved 12/12/02, Notification 03/18/08.

# Folicur® 3.6 F Foliar Fungicide

| For control of specified diseases on peanuts and grasses grown for seed. |   |  |
|--|---|--|
| ACTIVE INGREDIENT:   | :   |  |
| Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylet      | hyl)-1 <i>H</i> -1,2,4-triazole-1-ethanol |  |
| INERT INGREDIENTS:   | <u>61.3%</u>                              |  |
| Contains 3.6 pounds tebuconazole per gallon                              | 100.0%                                    |  |
| EPA Reg. No. 264-752   | EPA Est. No.                              |  |

# STOP - Read the label before use Keep out of reach of children CAUTION

For <u>MEDICAL</u> And <u>TRANSPORTATION</u> Emergencies <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577 For <u>PRODUCT USE</u> Information Call 1-866-99BAYER (1-866-992-2937)

# **FIRST AID**

| If swallowed   | Call a poison control center or doctor immediately for treatment advice.  |  |  |  |
|--|---|--|--|--|
| Have person sip a glass of water if able to swallow. |   |  |  |  |
|  | Do not induce vomiting unless told to do so by a poison control center or doctor.   |  |  |  |
|  | Do not give anything by mouth to an unconscious person.   |  |  |  |
| If on skin or clothing                               | Take off contaminated clothing.   |  |  |  |
|  | Rinse skin immediately with plenty of water for 15 to 20 minutes.   |  |  |  |
|  | Call a poison control center or doctor for treatment advice.  |  |  |  |
| If in eyes   | <ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if<br/>present, after the first 5 minutes, then continue rinsing eye.</li> </ul> |  |  |  |
|  | Call a poison control center or doctor for treatment advice.  |  |  |  |
| If inhaled   | Move person to fresh air.   |  |  |  |
|  | If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.  |  |  |  |
|  | Call a poison control center or doctor for further treatment advice.  |  |  |  |

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: No specific antidote. Treat symptomatically.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation

# PRECAUTIONARY STATEMENTS

# HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist.

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 C on an EPA chemical-resistance category selection chart.

## Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- 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 CONTROLS 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.
- · Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to estuarine and marine 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. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### 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
- · Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- · Shoes plus socks

### STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.

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

Container Disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure 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 or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then 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.

Spray Volume: FOLICUR 3.6 F may be applied in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

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

Mixing: Add recommended amount of FOLICUR 3.6 F into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the FOLICUR 3.6 F should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of FOLICUR 3.6 F with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information contact your local Bayer CropScience representative.

| RECOMMENDED AP                        | PLICATIONS  | and the second s |  |
|---------------------------------------|---|--|--|
| CROP                                  | DISEASE   | RATE OF FOLICUR 3.6 F  |  |
| Grasses Grown                         | Rusts (Puccinia spp.)   | 4 to 8 fl oz per acre  |  |
| for Seed                              |   | soon as weather conditions are favorable for rust development or plications at 14- to 16-day intervals. Under heavy disease pressure   |  |
|                                       | Powdery mildew  | 4 to 8 fl oz per acre  |  |
| · · · · · · · · · · · · · · · · · · · | Apply specified rate of FOLICUR 3.6 F when powdery mildew first appears on the leaves. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 6 to 8 fl oz/A and shorter spray intervals. |  |  |

**General Comments:** Apply the specified rate in a minimum of 20 gallons of water per acre with ground sprayers or in a minimum of 10 gallons of water per acre with aircraft. Thorough coverage is important for optimum disease control.

For optimum benefit, the lowest recommended rate of a spray surfactant should be tank mixed with FOLICUR 3.6 F.

A maximum of 16 fluid ounces (1 pint) may be applied per acre per crop season. FOLICUR may be applied up to 4 days before harvest. Chaff, screenings and straw from treated areas may be used for feed purposes; however, do not forage, cut green crop, or use seed for feed purposes. Regrowth may be grazed starting 17 days after last application.

| RECOMMENDED | ) APPLICATIONS  |   |
|-------------|---|---|
| CROP        | DISEASE   | RATE OF FOLICUR 3.6 F   |
| Peanut      | SOILBORNE:  | 7.2 fl oz per acre  |
|             | Sclerotium stem and pod rot (white mold, southern blight, southern stem rot)  |   |
|             | Rhizoctonia limb rot  |   |
|             | Rhizoctonia pod rot (Virginia and North Carolina only)  |   |
|             | FOLIAR:   |   |
|             | Early leaf spot   |   |
|             | Late leaf spot  |   |
|             | Leafrust  |   |
|             | Web blotch (Phoma)  |   |
|             | Pepper spot (Leptosphaerulina)  | · ·   |
|             | FOUR-APPLICATION SPRAY PROGRAM: Apply the s below for proper timing of applications. Applications of cl applications of FOLICUR 3.6 F to discourage developme foliar diseases such as leaf rust, web blotch, and pepper surfactant should be tank-mixed with FOLICUR 3.6 F. | nlorothalonil should be made prior to and following<br>nt of resistant strains of fungi. For optimum control of                                     |
| · :         |   | borne diseases in an advisory schedule, apply FOLICUR ICUR 3.6 F applications at 14-day intervals. Applications for resistance management purposes. |

**GENERAL DIRECTIONS**: For optimum control of the specified soilborne diseases, four consecutive applications of FOLICUR 3.6 F must be made at 14-day intervals.

A maximum of 28.8 fluid ounces of FOLICUR 3.6 F may be applied per crop season. FOLICUR may be applied up to 14 days before harvest. Do not feed hay or threshings or allow livestock to graze in treated areas.

FOLICUR 3.6 F is a sterol demethylation inhibitor (DMI) fungicide. Chlorothalonil may be tank mixed at the rate of 12 ounces of active ingredient with FOLICUR 3.6 F as a leaf spot resistance management strategy. A spray surfactant is not necessary when FOLICUR 3.6 F is tank mixed with chlorothalonil. Mixing or alternating FOLICUR 3.6 F with other DMI fungicides may lead to resistance.

FOLICUR 3.6 F must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots caused by *Sclerotium rolfsii* and *Rhizoctonia solani*. Drought conditions will decrease the effectiveness of FOLICUR 3.6 F against the root and pod rots.

Use FOLICUR 3.6 F in conjunction with cultural practices that are known to reduce the severity of soilborne diseases, such as proper crop rotation practices.

| Timing of FOLICUR 3.6 F Application for Optimum Control of White Mold and Rhizoctonia Limb and Pod Rot |                               |                                |  |
|--|-------------------------------|--------------------------------|--|
| Spray Program  | FOLICUR 3.6 F Application No. | Chlorothalonil Application No. |  |
| 7 applications   | 3, 4, 5 and 6                 | 1, 2 and 7                     |  |

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

Apply only during alternate years in fields adjacent to aquatic areas listed above.

Do not apply by ground or air within 100 feet of aquatic areas listed above.

Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

Spray Drift Management: For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wing span or rotor diameter.

Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

### ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any crop not specified on this label may be planted into treated areas 120 days after last application.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

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**NET CONTENTS:** 



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Folicur 3.6 F Foliar Fungicide (MASTER) Approved 12/12/02, Notification 03/18/08.