



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

K. Jayne Walz
Regulatory Manager
United Phosphorus, Inc.
630 Freedom Business Center Drive
King of Prussia, PA 19406

JUL 9 2008

Subject: Tebuzol™ 3.6 F Fungicide
EPA Reg. No. 70506-114
Your amendment dated May 5, 2008
EPA Decision Number 394006

Dear Ms Walz:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. In the "Ingredients Statement", change "Inert Ingredients" to "Other Ingredients"
2. Revise the first sentence in the **ENVIRONMENTAL HAZARDS** section to read "This pesticide is toxic to mammals, fish and aquatic invertebrates."
3. Add the following text to the **ENVIRONMENTAL HAZARDS** section:

"Ground Water Advisory: Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours."


4. On page 3 under Mixing, change "recommended" to "specified". Add the following sentence: "Do not tank mix with products containing a prohibition against tank mixing. Follow the most restrictive labeling requirements of any tank mix product."
5. At the top of page 2, change "RECOMMENDED APPLICATIONS" TO "APPLICATION DIRECTIONS"

6. On page 8, second paragraph, change "The Directions for Use of this product should be . . ." to read "The Directions for Use of this product must be . . .".
7. In the third paragraph of the CONDITIONS OF SALE, change "...United Phosphorus Inc., and Buyer and User assume the risk...." to "...United Phosphorus Inc., and to the extent consistent with applicable law Buyer and User assume the risk...."

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,



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

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUL 9 2008
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
70506-114

TEBUZOL™

3.6 F Fungicide

For control of listed 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.....

INERT INGREDIENTS:

TOTAL

38.7%

61.3%

100.0%

Contains 3.6 pounds tebuconazole per gallon

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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	<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.
If inhaled	<ul style="list-style-type: none">• 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.
Note to Physician: No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Medical Emergency Assistance, call the National Pesticide Information Center 1-800-858-7378.	

For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.



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EPA Reg. No. 70506-114
EPA Establishment No.
Net Contents

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN 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 (PPE)

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

Remove and wash contaminated clothing before reuse. 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 STATEMENT

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 WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash thoroughly with soap and water after handling and 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 into 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

GENERAL INFORMATION

Spray Volume: Apply TEBUZOL 3.6 F by ground in a minimum of 10 gallons of spray solution per acre or by air in a minimum of 5 gallons of spray solution per acre. Check equipment calibration frequently. For best disease control, complete coverage and uniform application are essential, especially when lower spray volumes are used. Use the appropriate spray volume to ensure complete coverage.

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

Mixing: Add recommended amount of TEBUZOL 3.6 F to the spray tank while filling with water to the desired level. Maintain agitation while mixing. If other materials are added to the spray tank, be sure that the TEBUZOL 3.6 F is thoroughly dispersed before other materials are added.

Compatibility: To determine the compatibility of TEBUZOL 3.6 F with other mixing partners, use the following procedure: 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 United Phosphorus, Inc. representative.

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 application 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 temperatures.

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.

CROP: Grasses Grown for Seed

General Directions: Apply TEBUZOL 3.6 F in at least 20 gallons of water/A by ground or in at least 10 gallons of water/A by air. For best disease control, apply in sufficient water for thorough coverage.

For best results, use the lowest recommended rate of a spray surfactant when tank mixing with TEBUZOL 3.6 F.

Do not apply more than 16 fl oz of TEBUZOL 3.6 F/A/crop season. Do not apply later than 4 days before harvest. The following may be used for feed: chaff, screenings, and straw from treated areas. It is prohibited to allow forage, cut green crop, or use of seed for feed purposes. Grazing is not allowed on regrowth until 17 days after the last application.

DISEASES CONTROLLED	RATE OF TEBUZOL 3.6 F	INSTRUCTIONS
Rusts (<i>Puccinia spp.</i>)	4 to 8 fl oz per acre	Make first application when conditions are favorable for rust development or when rust pustules are observed. Apply at 14 to 16 day intervals. When disease pressure is heavy, use 6 to 8 fl oz/A and apply at shorter intervals.
Powdery mildew		Make first application when powdery mildew is first observed on the leaves. Make additional applications every 14 to 16 days. When disease pressure is heavy, use 6 to 8 fl oz/A and apply at shorter intervals.

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CROP: PEANUT

General Directions: For best control of the listed soil borne diseases, four consecutive applications of TEBUZOL 3.6 F must be made at 14 day intervals.

Do not apply more than 28.8 fluid ounces of TEBUZOL 3.6 F per crop season. Do not apply TEBUZOL 3.6 F any later than 14 days before harvest. Do not feed hay or threshings or allow livestock to graze in treated areas.

TEBUZOL 3.6 F is a sterol demethylation inhibitor (DMI) fungicide. A tank mix with chlorothalonil at the rate of 12 ounces of active ingredient with TEBUZOL 3.6 F is effective to manage leaf spot resistance. No spray surfactant is necessary when TEBUZOL 3.6 F is tank mixed with chlorothalonil. Do not mixing or alternate TEBUZOL 3.6 F with other DMI fungicides as this may lead to the development of resistance.

Rainfall or irrigation carrying TEBUZOL 3.6 F into the root and pod zone is critical for control of root and pod rots caused by *Sclerotium rolfsii* and *Rhizoctonia solani*. If drought conditions exist, the effectiveness of TEBUZOL 3.6 F against the root and pod rots will be diminished.

Use TEBUZOL 3.6 F together with cultural practices (such as proper crop rotation) that are known to reduce the severity of soilborne diseases.

For best results, use the lowest recommended rate of a spray surfactant when tank mixing with TEBUZOL 3.6 F.

DISEASES CONTROLLED	RATE OF TEBUZOL 3.6 F	INSTRUCTIONS
SOILBORNE: <i>Sclerotium</i> stem and pod rot (white mold, southern blight, southern stem rot) <i>Rhizoctonia</i> limb rot <i>Rhizoctonia</i> pod rot (Virginia and North Carolina only) FOLIAR: Early leaf spot Late leaf spot Leaf rust Web blotch (<i>Phoma</i>) Pepper spot (<i>Leptosphaerulina</i>)	7.2 fl oz per acre	FOUR-APPLICATION SPRAY PROGRAM: Apply the labeled rate in a preventative spray Schedule as follows: apply TEBUZOL 3.6 F for applications 3, 4, 5, and 6; apply chlorothalonil for applications 1, 2, and 7. Applications of chlorothalonil should be made before and after applications of TEBUZOL 3.6 F for resistance management. For best control of foliar diseases such as leaf rust, web blotch, and pepper spot, tank mix the lowest label recommended rate of a spray surfactant with TEBUZOL 3.6 F. LEAF SPOT ADVISORY SCHEDULE: For control of soil borne diseases in an advisory schedule, apply TEBUZOL 3.6 F in the first advisory spray in July and continue TEBUZOL 3.6 F applications every 14 days. Applications after August 15 should be tank mixed with chlorothalonil for resistance management purposes.

CROP: BARLEY

General Directions: Apply TEBUZOL 3.6 F in a minimum of 10 gallons of spray solution per acre by ground or in a minimum of 5 gallons of spray solution per acre by air. A maximum of 4 fl.oz. of TEBUZOL 3.6 F may be applied per acre per crop season. Do not apply within 30 days of harvest. Straw cut after harvest may be fed or used for bedding. Grazing livestock or feeding of green forage is permitted 6 or more days after the last application of TEBUZOL 3.6 F. Barley fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.

DISEASES CONTROLLED	RATE OF TEBUZOL 3.6 F	Application Timing Directions
Rusts (<i>Puccinia spp.</i>)	4 fl oz per acre	Apply TEBUZOL 3.6 F at the earliest sign of rust pustules on foliage.
Head Blight (<i>Fusarium spp.</i>) - Suppression		Optimal timing of TEBUZOL 3.6 F for Fusarium Head Blight suppression is when stem heads have fully emerged (Feekes 10.5) on 50% of the plants.

For optimum disease control, the lowest specified rate of a spray surfactant should be tank mixed with TEBUZOL 3.6 F. TEBUZOL 3.6 F must have two to four hours of drying time on plant foliage for the active ingredient to move systemically into plant tissue before rain or irrigation occurs. After this period of time, TEBUZOL 3.6 F will be resistant to weathering. TEBUZOL 3.6 F is a demethylation inhibitor (DMI) fungicide (Group 3).

CROP: WHEAT

General Directions: Wheat fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. A maximum of 4 fl.oz. of TEBUZOL 3.6 F may be applied per acre per crop season. Do not apply within 30 days of harvest. Straw may be fed or used for bedding. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with TEBUZOL 3.6F. Apply TEBUZOL 3.6F in a minimum of 10 gallons of spray solution per acre by ground, or in a minimum of 5 gallons of spray solution per acre by air.

DISEASES CONTROLLED	RATE OF TEBUZOL 3.6 F	Application Timing Directions
Rusts leaf, stem, and stripe (<i>Puccinia spp.</i>)	4 fl oz per acre	Apply TEBUZOL 3.6 F at the earliest sign of rust pustules on foliage.
Head Blight (<i>Fusarium spp.</i>) - Suppression		Optimal timing of TEBUZOL 3.6 F for Fusarium Head Blight suppression is the beginning of flowering on main stem heads (Feekes 10.51).

For optimum disease control, the lowest specified rate of a spray surfactant should be tank mixed with TEBUZOL 3.6 F. TEBUZOL 3.6 F must have two to four hours of drying time on plant foliage for the active ingredient to move systemically into plant tissue before rain or irrigation occurs. After this period of time, TEBUZOL 3.6 F will be resistant to weathering. TEBUZOL 3.6 F is a demethylation inhibitor (DMI) fungicide (Group 3).

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.

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:

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

IMPORTANT INFORMATION -READ BEFORE USING PRODUCT**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. The Directions for Use of this product reflect the opinion of experts based on field use and tests. 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 United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. To the fullest extent allowed by State law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

United Phosphorus, Inc. 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 this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or United Phosphorus, Inc., and Buyer and User assume the risk of any such use. **UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent allowed by law, United Phosphorus, Inc. or Seller shall not 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 UNITED PHOSPHORUS, INC. 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, AT THE ELECTION OF UNITED PHOSPHORUS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT, OR COMPENSATION LIMITED TO DAMAGES NOT EXCEEDING THE FAIR MARKET PURCHASE PRICE, AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

United Phosphorus, Inc. 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 the duly authorized representative of United Phosphorus, Inc.

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