



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Luxembourg-Pamol, Inc.
% Henry M. Jacoby
The Acta Group LLC
1203 Nineteenth Street, N.W., Suite 300
Washington, DC 20036

DEC 11 2008

Subject: Tegrol™ 3.6 F
EPA Reg. No. 42519-28
Your amendment dated August 13, 2008
EPA Decision Number 399035

Dear Mr. Jacoby:

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 application instruction table for **SOYBEANS**:
 - a. In the right hand column change "Maximum 8fl oz...." to "Maximum 8 fl. oz...."
 - b. In the first paragraph delete the sentence "Use of adjuvants may enhance the performance of Tegrol™ 3.6F."
 - c. Change "Do not apply within 30 days of harvest" to "Do not apply within 21 days of harvest"
 - d. Delete the sentence "Do not feed soybean forage or hay to livestock."
2. In all places in the application instruction table for **SUNFLOWERS**, change the application rate from "0.5 pint (8 fl. oz) per acre...." to "0.375 pint (6 fl. oz) per acre...."

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,

A handwritten signature in cursive script, reading "Mary L. Waller", is written over a horizontal line.

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

Enclosure

(Logo) LUXEMBOURG-PAMOL, INC.

TegrolTM 3.6 F

For control of specified diseases on peanuts, wheat, barley, soybeans, sunflowers, and grasses grown for seed.

ACTIVE INGREDIENT*:

Tebuconazole:

α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol*

OTHER 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:	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 in eyes:	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 on skin or clothing:	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 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.
Have the 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. For additional information, call: 1-800-424-9300.	

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE, CALL TOLL FREE: 1-800-424-9300

Agricultural Chemical. Do Not Ship or Store with Foods, Feeds, Drugs or Clothing.

(Logo) LUXEMBOURG-PAMOL, INC

5100 Poplar Avenue, Suite 2700
Memphis, TN. 38137

EPA Reg. No. 42519-28

EPA Establishment No. 42519-ISR-001

Net Contents: _____ Gallons

ACCEPTED
with COMMENTS
In EPA Letter Dated
DEC 11 2008

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

42519-28

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber thicker than 14 mils, nitrile rubber thicker than 14 mils, neoprene rubber thicker than 14 mils, PVC thicker than 14 mils, and Vitron thicker than 14 mils. For additional options, follow the instructions for Category C, on an EPA chemical-resistant category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate)
- Shoes and socks

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

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. However, full PPE must be available in the event that the handler exits the aircraft, enclosed cab, etc., prior to the REI.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Tebuconazole is known to leach through soil into groundwater 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 groundwater 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

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.

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, the following PPE is required:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as nitrile, butyl, neoprene and/or barrier laminate)
- Shoes and socks

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry location and in a manner to prevent cross contamination with other pesticides and fertilizers. Take care not to contaminate food and feed. Store in original container and keep out of reach of children. Keep storage area locked up when not in use. Keep container closed when not using. In the event of spillage or leakage, dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with handling. 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 out of the contaminated area.

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 by other procedures approved by state and local authorities, such as burning. If burned, stay out of smoke.

APPLICATION INSTRUCTIONS

Spray Volume: Tegrol™ 3.6 F may be applied in a minimum of 20 gallons of spray solution per acre by ground sprayer or in a minimum of 10 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 specified amount of Tegrol™ 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 Tegrol™ 3.6 F should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of Tegrol™ 3.6 F with other products, the following procedure should be followed: Pour the specified 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 physically compatible.

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 percent of the wingspan 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 and ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph (miles per hour). 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.

Requirements for ground applications:

For ground applications, adjust nozzle height and droplet size with wind speed according to the following table:

Wind speed	Nozzle height	Droplet size for standard nozzles (ASAE standard 572)
Less than 10 mph	Up to 2 feet	medium or coarser
	2-4 feet	coarse or coarser
	4-6 feet	very coarse or coarser
10 to 15 mph	0-2 feet	coarse or coarser
	2-4 feet	very coarse or coarser
	4-6 feet	extremely coarse

Do not apply only when the wind speed exceeds 15 mph. Do not apply at a nozzle height of greater than 6 feet above the ground or crop canopy. Apply as a medium or coarser spray (ASAE standard 572).

Requirements for aerial applications:

For aerial applications, apply only when the wind speed is less than or equal to 15 mph using a release height of no more than 10 feet above the ground or crop canopy. If the wind speed is less than 10 mph, apply as a medium or coarser spray (ASAE standard 572). If the wind speed is between 10 mph and 15 mph, apply as a coarse or coarser spray (ASAE standard 572). The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Do not make aerial applications into temperature inversions. When aerial applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

APPLICATION INSTRUCTIONS

GRASSES GROWN FOR SEED

DISEASE	RATE OF Tegrol™ 3.6 F
Powdery Mildew	4-8 fl ounces per acre
Apply specified rate when the powdery mildew first appears on leaves. Repeat applications at 14-16 day intervals. Under heavy disease pressure use 6-8 fl ounces/acre and shorter spray intervals.	
Rusts (<i>Puccinia</i> spp.)	4-8 fl ounces per acre
Apply the specified rate as soon as weather conditions are favorable for rust development or when first rust pustules are present. Repeat applications at 14-16 day intervals. Under heavy disease pressure use 6-8 fl ounces/acre and shorter spray intervals.	
COMMENTS:	
Apply 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. Use the lowest recommended rate of spray surfactant in the tank mix for best results.	
The maximum amount of product which may be applied per acre, per crop season is 1 pint. Tegrol™ 3.6 F may be applied up to 4 days before harvest. Chaff, screenings and straw from treated areas may be used for feed purposes; do not forage, cut green crop, or use seed for feed purposes. Regrowth may be grazed starting 17 days after the last application.	

PEANUT

DISEASE	RATE OF Tegrol 3.6 F
Soilborne:	7.2 fl oz per acre
Rhizoctonia limb rot	
Rhizoctonia pod rot (Virginia and North Carolina only)	
Sclerotium stem and pod rot (white mold, southern blight, southern stem rot)	
Foliar	
Early leaf spot	
Late leaf spot	
Leaf rust	
Web blotch (Phoma)	
Pepper spot (Leptosphaerulina)	
FOR APPLICATION SPRAY PROGRAM: 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 Tegrol™ 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 specified rate of a spray surfactant should be tank-mixed with Tegrol™ 3.6 F.	
LEAF SPOT ADVISORY SCHEDULE: For control of soilborne diseases in an advisory schedule, apply Tegrol™ 3.6 F in the first advisory spray in July and continue Tegrol™ 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 Tegrol™ 3.6 F must be made at 14-day intervals.

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

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

Tegrol™ 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 effectiveness against the root and pod rots.

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

Timing of Tegrol™ 3.6 F Application for Optimum Control of White Mold and Rhizoctonia Limb and Pod Rot

Spray Program	Tegrol 3.6 F Application No.	Chlorothalonil Application No.
7 applications	3, 4, 5, and 6	1, 2, and 7

SOYBEANS

Rust (<i>Phakopsora pachyrhizi</i>)	3 to 4 fl. oz. per acre (Maximum 8 fl oz per acre per year)
Apply Tegrol™ 3.6F as a broadcast foliar spray prior to, or at first appearance of, rust pustules on any leaves within the plant canopy. Repeat application on a 10- to 21-day spray interval if environmental conditions are favorable for continued disease development. Use of the higher rates and shorter spray intervals are recommended when disease pressure is severe. Use of adjuvants may enhance the performance of Tegrol™ 3.6F. For optimum disease suppression, the lowest rate of a spray surfactant should be tank-mixed with Tegrol™ 3.6F. Tegrol™ 3.6F 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.	

7/8

Do not make more than 2 applications of a tebuconazole-containing product to soybeans per season. A maximum of 8 fl. oz. of Tegel™ 3.6F may be applied per acre per crop season. Do not apply more than 0.225 pounds of the active ingredient tebuconazole per acre per year. Do not apply within 30 days of harvest. Do not feed soybean forage or hay to livestock. Do not enter treated field for 12 hours after application.

SUNFLOWERS

Rust (*Puccinia* spp.)

0.5 pint (8 fl oz.) per acre per application
(Maximum 1 pint (16 fl oz) per crop season)

FOR APPLICATION SPRAY PROGRAM:

Apply Tegel™ 3.6F as a foliar spray at 0.5 pint (8 fl oz.) per acre at the onset of rust infections. If necessary, make a second application 14 days after the first application at the same rate of 0.5 pints per acre.

COMMENTS:

Apply 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. Use the lowest recommended rate of spray surfactant in the tank mix for best results.

The maximum amount of product which may be applied per acre, per crop season is 1 pint. Do not exceed a total of 1 pint (16 fl oz.) per acre per crop. Do not apply Tegel™ 3.6F within 50 days of harvest.

WHEAT AND BARLEY

Rusts leaf, stem, and stripe (*Puccinia* spp.)

4 fl oz per acre per application
(Maximum 4 fl oz per acre per crop season)

FOR APPLICATION SPRAY PROGRAM:

For Rusts: Apply at the earliest sign of rust pustules on foliage.

For Scab or head blight: Apply once as a preventive spray at beginning of anthesis (flowering), Feekes growth stage 10.51.

Apply in a minimum of 10 gallons of spray suspension per acre by ground sprayer or in a minimum of 5 gallons of spray suspension per acre by aircraft. Straw cut after harvest may be fed to livestock or used for bedding. Do not apply within 30 days of harvest. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with Tegel 3.6F.

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.

ROTATIONAL CROP RESTRICTIONS

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 label before using this product. If terms are not acceptable, return the unopened product container at once.

CONDITIONS: The directions for use of this product are believed to be adequate and must be carefully followed. Nevertheless, it is impossible to eliminate all risks associated with using the 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 Luxembourg-Pamol, Inc.. To the extent allowed by state law, all such risks shall be assumed by the buyer or user.

WARRANTY LIMITATIONS AND DISCLAIMER

To the fullest extent permitted by law, Luxembourg-Pamol, Inc. warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien, or encumbrance.

This is the only warranty made on this product. Luxembourg EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. To the extent allowed by state law, buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.

Tegrol™ is a trademark of Luxembourg Industries Limited