

42519-35

7/30/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Luxembourg-Pamol, Inc
% Frederick T Smith
SciReg, Inc
12733 Director's Loop
Woodbridge, VA 22192

JUL 30 2012

Product Name LBG-61
EPA Reg No 42519-35
Subject Amendment dated 6/22/12
EPA Decision Number 467561

Dear Mr Smith

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 On page 7, 6 lines from the bottom of the page, change " and should be followed " to " and must be followed "
- 2 On page 8 change the first line of the second paragraph from "The exclusive remedy " to To the extent consistent with applicable law the exclusive remedy "

One copy of the label stamped 'Accepted with comments' is enclosed for your records This label supersedes all labels previously accepted for this product 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 that reads "Mary L Waller".

Mary L Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosure

LBG-61

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A systemic fungicide for the control of soybean, pecan, barley, and wheat diseases

ACTIVE INGREDIENTS

Potassium Phosphite¹ 49.0%

Tebuconazole α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol² 3.3%

OTHER INGREDIENTS

TOTAL 47.7%

¹ 30.4% (3.66 lbs/gal) phosphorous acid equivalent

² 0.42 lbs/gal tebuconazole

100.0%
ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 30 2012

KEEP OUT OF REACH OF CHILDREN CAUTION

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 42519-35

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Call 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	<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 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 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

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical information.

NOTE TO PHYSICIAN

No specific antidote. Treat symptomatically. For additional information, call 1-800-424-9300.

See side panel for additional precautionary statements

EPA Reg. No. 42519-35

EPA Est. No. 42519-ISR-001

Manufactured for

LUXEMBOURG - PAMOL, INC.

3647 Willowbend Blvd., Suite 810

Houston, Texas 77054, U.S.A.

Customer Service (713) 661-8800

Batch No. XXXX XX

Net Contents 1.25 or 250 Gallons

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

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

Caution Harmful if swallowed or if absorbed through skin Causes eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum, or using tobacco

PERSONAL PROTECTIVE EQUIPMENT (PPE) Natural rubber and polyvinyl chloride are chemical-resistant to this product If you want more options, follow the instructions for Category A 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 nitrile butyl neoprene and/or barrier laminate)
- shoes plus socks

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

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 Tebuconazole 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 highwater mark Drift and runoff may be hazardous to aquatic organisms in neighboring areas

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 Tebuconazole may contaminate water through drift of spray in wind It 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 For any requirements specific to your State or Tribe, consult the State or tribal agency responsible for pesticide regulation 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

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 intervals (REI). 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 requirement 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 nitrile, butyl, neoprene, natural rubber, and/or barrier laminate)
- shoes plus socks

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

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 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.

Spray Drift Management

Aerial applications. Mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. Use the minimum practical boom length which 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. Release spray at the lowest possible height consistent with good pest control and flight safety. Do not apply more than 10 feet above the crop canopy. 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. Do not spray 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.

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 peanuts, soybeans, sunflowers, wheat, and barley as soon as practical after last application. Any other crop may be planted into treated areas 120 days after last application.

General Information

LBG-61 is a systemic product. When used in conjunction with good cultural management practices and as part of a complete disease control program, LBG-61 will control soybean rust, downy mildew, powdery mildew, and frogeye leafspot of soybeans, brown leaf spot, downy spot, liver spot, scab, vein spot, and zonate leaf spot of pecans, rust (*Puccinia* spp.) of barley, and

head blight/scab suppression of wheat. In order to achieve maximum results in controlling the diseases, carry out spraying before the appearance of the diseases or when diseases are first observed. Initiate applications when environmental conditions are favorable for disease development.

Mixing and Application Instructions

Apply the finished spray solution in a minimum of 20 gallons per acre by ground sprayer or in a minimum of 10 gallons of spray solution per acre by aircraft spray equipment for soybeans in 100 gallons per acre by ground or 15 or more gallons per acre by air for pecans or a minimum of 10 gallons per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment for barley and wheat.

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.

Fill spray tank halfway with clean water. Add the required amount of LBG-61 to the tank as indicated in the Application Instructions. While agitating, add the remaining amount of water. Apply solution directly to foliage. For optimum control, thorough coverage is required.

LBG-61 spray must have a minimum of 2 hours of drying time on plant foliage for the active ingredients to move into the plant tissue before rain or irrigation occurs.

Compatibility

Conduct a tank spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products whose label prohibits tank mixing.

Phytotoxicity indications

The components of this product have been evaluated for phytotoxicity on a large variety of crops under various normal field conditions. However, testing all soybean and pecan varieties, in all mixtures and combinations is not feasible. Test a small portion of the area to be treated for phytotoxicity, before treating the entire area. Test tank-mix combinations on a small number of plants before treating large areas, as crop sensitivity to these mixtures may vary. Do not apply to plants under stress.

DISEASE CONTROL AND APPLICATION INSTRUCTIONS

This product is only for use on soybeans to control soybean rust (*Phakopsora pachyrizii*), downy mildew (*Peronospora manshurica*), powdery mildew (*Microsphaera diffusa*) and frog-eye leafspot (*Cercospora sojina*) on pecans to control brown leaf spot (*Sirosporium diffusum*), downy spot (*Mycosphaerella caryigena*), liver spot (*Gnomonia caryae*), scab (*Cladosporium caryigenum*).

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vein spot (*Gnomonia nervisecca*) and zonate leaf spot (*Grovesia pyramidalis*), on barley to control rust (*Puccinia* spp.) and on wheat to control rust (leaf, stem and stripe) and to suppress Fusarium head blight/scab

Soybeans

For FL, GA, AL, MS, LA, and TX

Start applications at R1 to R5 (flowering through visible seed in the pod in upper four nodes of plant). Apply 2.0 pints of product per acre.

Make a second application at least 21 days later.

For all other states

Make a single application of 2.0 pints of product per acre between R3 and R5, (soybean pod is approximately 3/16 inch long in the upper four nodes of plant through visible seed in the pod of the upper four nodes of plant) prior to the disease incidence reaching 5%.

For all soybean applications

Do not apply more than 0.225 pounds of the active ingredient tebuconazole (i.e., 4.3 pints of LBG-61) per acre per year.

Do not apply within 30 days of harvest.

Do not feed treated soybean forage or hay to livestock.

Pecans Apply 2 pints per 100 gallons of spray solution of LBG-61 per acre in a preventative spray schedule beginning at early bud break and continue applications at 10 to 14-day intervals through the pollination period.

Apply 2 to 2.5 pints of LBG-61 in combination with the labeled rate of Super Tin® 80WP or the labeled rate of Elast 400F (Syllit Flow Fungicide) in cover sprays. Do not add a surfactant to the spray solution when tank mixing LBG-61. Apply the higher rate to varieties that are highly susceptible to scab or when severe disease weather conditions are forecast.

Do not apply after shucks begin to split.

Do not apply more than 16.5 pints of LBG-61 per acre per year.

Do not cut cover crops in treated areas for feed, or allow livestock to graze treated area.

Wheat and Barley

Barley Apply 2 pints/acre at the earliest sign of rust (*Puccinia* spp.)

Wheat Apply 2 pints/acre for control of rust (leaf, stem and stripe). For head blight or scab suppression, LBG-61 is best applied when 50% of the heads have emerged (Feekes growth stage 10.5).

Wheat and Barley Restrictions

Do not apply within 30 days of harvest.

Do not apply more than 2 pints of LBG-61 per acre per season.

Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with LBG-61.

STORAGE AND DISPOSAL

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

Pesticide Storage Store in a dry, secure, cool place

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 {1 and 2.5 gallons} Nonrefillable container Do not reuse or refill this container Triple rinse (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into the 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 Then offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration Do not burn unless allowed by state and local ordinances If burned, stay out of smoke

Container Disposal {250 gallons} Nonrefillable container Do not reuse or refill this container Triple rinse (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into the application equipment or a mix tank Fill the container ¼ full with water Replace and tighten closures Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times Then offer for recycling if available or puncture or dispose of in a sanitary landfill, or by incineration Do not burn unless allowed by state and local ordinances If burned stay out of smoke

Warranty Limitations and Disclaimer

To the extent consistent with applicable law Luxembourg warrants that at 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 consistent with applicable 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

[CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded

The directions on this label are believed to be reliable and should be followed carefully Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices all of which are beyond the control of {company} (the "Company") or seller In addition, failure to follow label directions may cause injury to crops, animals man or the environment The Company warrants that this product conforms to the

chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent consistent with applicable law, the Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at {company's} election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used.

To the extent consistent with applicable law, the Company shall not be liable for any and all claims against the Company for special, indirect, incidental, or consequential damages or expense of any nature, including but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.]

Super Tin is a registered trademark of United Phosphorus, Inc.
Elast 400F is a registered trademark of Aceto.