


71532-14

3/10/2005

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20004</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 71532-14	Date of Issuance: MAR 10 2005
	Term of Issuance: Conditional	
	Name of Pesticide Product: LG 0.25% Permethrin Granules	
Name and Address of Registrant (include ZIP Code): LG Life Sciences, Ltd. 20 Yoido-dongi Youngdungpo-gu Seoul, Korea		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phase "EPA Registration No.71532-14". 		
Signature of Approving Official:		Date:

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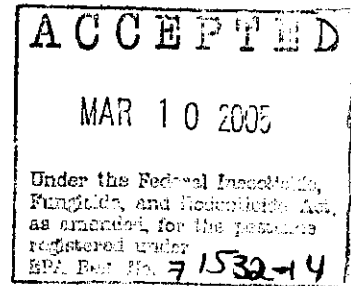
3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure

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LG 0.25% PERMETHRIN GRANULES

LAWN & GARDEN INSECT CONTROL

- [KILLS INSECTS IN LAWNS]
- [TREATS {COVERS} UP TO 5,000, 10,000, 15,000 SQ. FT.]
- [10 POUNDS TREATS 5,000 SQ. FT.]
- [PROTECTS YOUR HOME FROM INVADING PESTS]
- [PERIMETER DEFENSE]
- [FOR PERIMETER TREATMENT AROUND YOUR HOUSE FOUNDATION]
- [KILLS COCKROACHES, ANTS, SPIDERS, TICKS AND OTHER LISTED INSECTS]
- [CONTROLS SURFACE AND FOLIAGE FEEDING PESTS]
- [PROVIDES CONTACT AND LONG LASTING-INSECT CONTROL]
- [FOR GRASS AND DICHONDRA LAWNS]
- [FOR OUTDOOR USE ON HOME LAWNS]
- [CONTAINS SYNTHETIC PYRETHROID]
- [READY TO USE]

[KILLS: Ants, Armyworms (inc. Fall, Yellow-striped, etc.), Bear Tick, Bermudagrass mites, Billbugs (adult), Black Legged Tick, Boxelder Bugs, Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Tick (Ixodes dammini), Digger wasps, Dung Beetles (Ataenius Spretulus), Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Fleas, Grasshopper, Grubs, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (inc. Black Widow), Spittlebugs, Springtails, Ticks, Vegetable Weevils (in dichondra), Western Black Legged Tick (Ixodes pacificus)]

- [PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS]
- [CONTAINS PERMETHRIN, A LONG LASTING INSECTICIDE WHICH PROVIDES CONTACT AND RESIDUAL CONTROL OF OUTDOOR PESTS]
- [KILLS ANTS, FLEAS, BROWN DOG TICKS, (TICKS), FIRE ANTS, CRICKETS, CHINCH BUGS, CUTWORMS, BILLBUGS, SOD WEBWORMS, SPIDERS, SCORPIONS, GRUBS AND OTHER LISTED INSECTS]
- [LONG LASTING INSECT CONTROL]
- [KILLS 30+ INSECTS]

KILLS ANTS, FLEAS, TICKS, SPIDERS, SCORPIONS, CHINCH BUGS, GRUBS, SOD WEBWORMS AND OTHER LISTED INSECTS.

FOR USE ON LAWNS, AROUND SHRUBBERY AND HOUSE FOUNDATIONS

ACTIVE INGREDIENT:

*Permethrin.....0.25%

INERT INGREDIENTS:.....99.75%

TOTAL.....100.0%

*cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panels (Label) for Additional Precautionary Statements. [See additional precautionary statements on back of bag]

Net Contents:

EPA Reg. No.: 71532-XXX

EPA Est. No.:

[Bracketed Text] = Optional Language

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust. Causes moderate 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. Remove and wash contaminated clothing before reuse. Avoid contamination of food or feed. Utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticides.

FIRST AID	
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 eyelid 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticides.

Not for use on plants or turf being grown for sale or other commercial use as sod or for commercial seed production or for research purposes.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

LG 0.25% Permethrin Granules is recommended for the control of lawn insects, fleas, and ticks outdoors in residential areas. Repeated applications are made by broadcast treatment with a spreader to lawns, under shrubbery, and other ornamental and turf grass areas, band treatments are recommended around house foundation and spot applications are made to ant mounds and wasp nests.

[Bracketed Text] = Optional Language

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STORAGE AND DISPOSAL

Storage: Store product in its original container in a cool, dry locked place out of reach of children.

Disposal: If empty - Do not reuse this container. Place in trash or offer for recycling if available. If partly filled - Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

GENERAL USE DIRECTIONS [THREE EASY STEPS TO USE THIS PRODUCT]

1. [Step #1] Determine the size of area to be treated – measure and multiply length times width.
2. [Step #2] Determine appropriate spreader setting using chart.
3. [Step #3] Treat as directed – thorough coverage is important. Water in granules where indicated.

Keep children and pets off treated areas until this material is washed into turf and grass is dry.

Treatment Areas	Pests	Use Rate	How to Use
Overall Lawn Treatment for Grass and Dichondra Lawns	Ants, Armyworms, (inc. Fall, Yellow-striped, etc.), Bermudagrass mites, Boxelder bugs, Centipedes, Chiggers, Chinch Bugs, Clover mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turfgrass weevil), Lawn Moths, Leafhoppers, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (inc. Black Widow), Spittlebugs, Springtails, Vegetable Weevils (in dichondra)	Treat when insects first appear using granules at the rate of 2 pounds per 1,000 sq. ft. (an area 20' by 50') or 3.2 oz. per 100 sq. ft. (an area 10' by 10') [14 oz. per 438 sq. ft.]. For heavy lawns such as St. Augustine grass, use 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below.	Apply this product uniformly to home lawns and under shrubbery. To help obtain uniform distribution, apply one-half required amount in one direction, then apply the balance at a right angle. Immediately after application, water the lawn lightly. European Cranefly larvae (Leatherjackets) – the best time to apply is in May or June when the insects are young. Chinch Bugs – Start treatments when temperatures reach 80° F or above. A second application may be necessary in 6 weeks if insect activity continues.
	Billbugs, Grubs, Japanese Beetle (adult), Dung Beetles (Ataenius Spretulus)	Use granules at the rate of 2.5 pounds per 1,000 sq. ft.	Water grass thoroughly after application. For Billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from the insects. For Grub control, except Dung Beetle, treat any time between late July and early October. For Dung Beetle Grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with ¼ to ½ inch of water after application. Treat again in late summer or early fall if a second generation occurs.

Treatment Areas	Pests	Use Rates	How to Use
Spot Treatment	Ants nesting outdoors including: Acrobat, Argentine, Big Headed, Cornfield, Field Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants	Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with water.	If possible it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs, or in stumps or logs. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.
	Digger Wasps	Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening.	Make the application at dusk when the wasps are not active.
	Fire Ants	Apply one cup over, and 2 feet around each fire ant mound.	Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. Apply in cool weather (65-80°F) or in early morning or late evening for best results. Treat new mounds as they appear.
Band (Perimeter) Treatment Around House Foundation	Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fleas, Scorpions, Sowbugs, Spiders (inc. Black Widow), Springtails (Collembola) and Ticks	Treat at a rate of 1 lb. per 500 sq. ft. [14 oz. per 438 sq. ft.] [3.2 oz. per 100 sq. ft.] or 2 lbs. per 1,000 sq. ft.	To help prevent infestation of buildings, apply a 5 foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application.

[Bracketed Text] = Optional Language

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FLEA AND TICK CONTROL (OUTDOORS)

In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Fleas and Ticks (including but not limited to Bear Tick, Black-legged Tick, Brown Dog Tick, Deer Tick (*Ixodes dammini*), Lone Star Tick, Western Black-legged Tick, Wood Tick): a regular treatment program should be followed. Treat once a month when pests first appear in late spring (May-June) and continue until late summer (September-October). Fall temperatures below 50°F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

SOD WEBWORMS (*Crambus spp.*)

Sod Webworms are the light brown caterpillars ¼ to ¾ inch long that hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referred to a Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly.

SPREADER SETTINGS (per 1,000 sq. ft.)			
Spreader Make and Model	Grass or Dichondra Lawns 2 pounds	White Grubs, Billbugs 2 ½ pounds	St. Augustine Lawns 3 pounds
CYCLONE			
Broadcast			
Rotary			
K-GRO			
Rotary			
Drop			
REPUBLIC			
EZ Drop #530			
EZ Drop #540			
SCOTTS			
SpeedyGreen 2000	Spreader Settings Available at Printing.		
SpeedyGreen 3000			
AccuGreen 1000			
AccuGreen 2000			
AccuGreen 3000			
Drop			
SEARS			
Rotary			
Drop			
EARTHWAY			
Rotary			
PRECISION			
Rotary (#S580)			
RED DEVIL			
Rotary			
TRUE TEMPER			
Rotary			
VIGORO			
Rotary			

[Bracketed Text] = Optional Language

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Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting, if necessary, to assure correct rate of application.

(OPTIONAL DIRECTIONS)

(OPTION A)

[BAND TREATMENT AROUND HOUSE]

[General Directions]

[The following pests are commonly found around or near foundations of houses as well as in lawns. Some of these pests may enter the home. Apply a 3 to 5 foot band of granules next to the house's foundation.]

[INSECTS:]

[Ants, Fleas Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs)]

[RATE:]

[3.2 oz. for each 100 sq. ft. area (5 ft. by 20 ft.)]

[HOW TO USE:]

[Distribute granules evenly. Water lightly after application.]

[SPOT TREATMENT FOR ANTS]

[RATE:]

[Apply 1 ½ teaspoons over and around each ant hill.]

[HOW TO USE:]

[Water lightly after application.]

(OPTION B)

[BAND TREATMENT AROUND HOUSE]

[1. LG 0.25% Permethrin Granules kills ants, as well as fleas, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Millipedes, Roaches, Sowbugs (Pillbugs), Spiders, Silverfish and other pests.]

[2. Break the seal and remove the cap from the shaker can.]

[3. Evenly sprinkle granules in a 3 to 5 foot wide band along the foundation of your home.

Granules should be spaced like the ones pictured below (show picture). Use rate = 3.2 oz. for each 100 sq. ft. area (5' X 20').]

[4. Gently water treated areas.]

[USE TIPS]

[1. Try to get even coverage throughout your "barrier band".]

[2. Reapply after hard rains to areas where down spouts empty.]

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[SPOT TREATMENT FOR ANTS]

[1. Evenly sprinkle granules over and around each ant hill.]

[2. Use ½ oz. (1 ½ teaspoons) per ant hill.]

[NOTE: This package will effectively treat 64 ant hills.] *(This note is for 2 pound package)*

[3. Gently water treated areas.]

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 and using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

LG Life Sciences, Ltd. 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 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 abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LG Life Sciences, Ltd. and Buyer and User assume the risk of any such use. To the extent permitted by law, LG Life Sciences, Ltd. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

LG Life Sciences, Ltd. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty of liability, which may not be modified except by written agreement signed by a duly authorized representative of LG Life Sciences, Ltd.

(Optional wording to be used in place of “Conditions of Sale and Limitation of Warranty and Liability” above)

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.