

AUG 23 1988

Mr. Henry E. Rohland  
Lebanon Chemical Corp.  
P.O. Box 180  
Lebanon, PA 17042

SUBJECT: Lebanon Improved Bug Out  
EPA Registration No. 961-290  
Your letter dated April 27, 1988

Dear Mr. Rohland:

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) 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 sec. 5(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

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The additional brand name listed below is also being accepted under this registration. The label must be identical with the basic label except for the brand name.

ADDITIONAL BRAND NAME

Lebanon Insect Control Contains Sevin<sup>R</sup>

Sincerely yours,

Dennis W. Edwards, Jr.  
Product Manager 17  
Insecticide-Rodenticide Branch  
Registration Division (TS-7670)

Enclosure:

Net Wt. 7 lbs.

Treats 2,500 sq. ft.

LEBANON IMPROVED  
BUG OUT

Contains SEVIN<sup>(R)</sup> brand Carbaryl Insecticide to control problem insects in turfgrass.

ACTIVE INGREDIENT:	By Weight
*Carbaryl (1-Naphthyl-N-Methylcarbamate) .....	7.15%
INERT INGREDIENTS: .....	<u>92.85%</u>
	100.00%

\*SEVIN<sup>(R)</sup> is the registered trademark of Rhone-Poulenc Nederland B.V. for carbaryl insecticides.

EPA Reg. No. 961-290  
ACCEPTED  
with COMMENTS  
in EPA Letter Date:

EPA Est. No. 961-PA-01

CAUTION

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KEEP OUT OF REACH OF CHILDREN

Under the Fungicide, Insecticide, and Plant Growth Regulator Act as amended, this pesticide is registered under EPA Reg. No. 961-290

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: ~~May be harmful~~ if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling this product.

STATEMENT OF PRACTICAL TREATMENT

- If swallowed: Call a physician or Poison Control Center. Drink 1 of 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious person.
- If on skin: Wash with plenty of soap and water. Get medical attention.
- If in eyes: Flush with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

## LAWNS AND RECREATIONAL AREAS

For control of turfgrass pests, apply granules uniformly to the turfgrass. For optimum control, follow specific directions for proper watering or irrigation after application. Do not allow public use of treated area during application.

SITE	INSECT	POUNDS OF SEVIN BRAND GRANULAR PER 1000 SQ. FT.	SPECIFIC DIRECTIONS
TURF GRASSES	Ants, Armyworm, Centipedes, Chiggers, Chinch bugs, Cutworms, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Grasshoppers, June beetles, Lawn moths (Sod webworms), Leafhoppers, Lucerne moth, Millipedes, Adult Mosquitoes, Sowbugs, Spittlebugs, Springtails, Ticks, Yellowstriped armyworm	2.0 to 2.5	For general insect control, apply granules uniformly when grass is dry. Water lawn lightly after appli- cation. Repeat as necessary.
	<u>White grubs</u> (such as Japanese Beetle, Chafer Beetles, <u>Phyllophaga</u> spp., and Green June beetle grubs), Blue grass billbug, European crane fly larva	2.5	For white grub control, applications should be made when grubs are feeding near the soil surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agent. Water or irrigate turf thoroughly soon after treatment.

## PEST CONTROL AROUND BUILDINGS

PERIMETER TREATMENT: For residual control of ants, army worms, carpenter ants, centipedes, cockroaches, crickets, cutworms, earwigs, firebrats, and silverfish, fleas millipedes, scorpions, sowbugs, spiders and ticks; apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 4.8 ounces per 120 square feet (6 x 20 foot band). Restrict applications to shrub beds, foundation plantings, and lawn or soil areas immediately adjacent to the building. Lightly water treated area soon after application.

SUGGESTED SPREADER SETTINGS					
Spreader	Speed		Width of Coverage	Settings in pounds per 1000 sq.ft.	
	Ground MPH	PTO RPM		2.0 lbs.	2.5 lbs.
Cyclone B-1	3		6 ft.	5	5 1/4
Cyclone Pro	3		6 ft.	5	5 1/4
Ortho Rotary	3		6 ft.	4 3/4	5
Spyker Rotary	3		6 ft.	4	4 1/5
Scott's Drop	3			5	6
Scott's R8	3		6 ft.	K	L
Scott's Rotary	3		6 ft.	H	J
Lesco Rotary	3		6 ft.	H	I
Lesco Pendulum	5	540	20 ft.	26	27
Vicon PS 402	5	540	20 ft.	26	27
Lely (HR) (W)	4	425	24 ft.	2.5	3.5

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.

#### STORAGE AND DISPOSAL

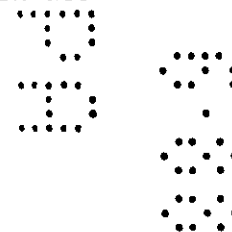
**STORAGE:** Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or other pesticides.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

#### WARRANTY

Lebanon Chemical Corporation warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



LEBANON CHEMICAL CORPORATION  
LEBANON, PA. 17042