

PM 12 961-290 1/7
Yellow Copy

JUN 6 1990

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

Subject: Lebanon Improved Bug Out
EPA Reg. No. 961-290
Your submission dated 4/21/90
Revised Labeling

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

Change the spelling of Ixoides spp. The correct spelling is Ixodes spp.

Submit five (5) copies your final printed labeling before you release the product for shipment.

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

Sincerely yours,

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Net Wt. 7 lbs.

Treats 2,500 Sq. Ft.

LEBANON IMPROVED BUG OUT

Contains SEVIN^(R) brand Carbaryl Insecticide to control problem insects in turfgrass.

ACTIVE INGREDIENT:

By Weight

*Carbaryl (1-Naphthyl-N-Methylcarbamate)..... 7.15%

INERT INGREDIENTS..... 92.85%

100.00%

*SEVIN^(R) is the registered trademark of Rhone-Poulenc for carbaryl insecticides.

EPA Reg. No. 961-290

(L) (D)
EPA Est. 961-PA-01;961-IL-01
Superscript used is first letter of lot number.

CAUTION

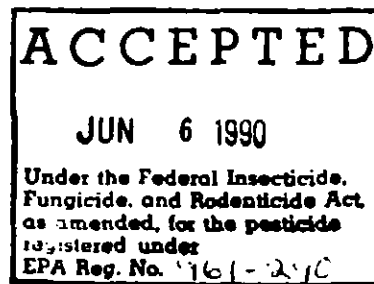
KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling this product. Do not eat, drink, or use tobacco while working with this product. Wash hands and face before eating, drinking, or using tobacco. Keep out of reach of children and domestic animals.



ANTIDOTE STATEMENT: ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE.
See NOTE TO PHYSICIAN below.

STATEMENT OF PRACTICAL TREATMENT

GENERAL: Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO PHYSICIAN.** If poisoning is suspected in animals, contact a veterinarian.

IF SWALLOWED: Never give anything by mouth to an unconscious or convulsing person. If conscious and not convulsing, drink 1 to 2 glasses of water and induce vomiting by touching the back of the throat with finger. ✓

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Move from contaminated atmosphere and call a physician.

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 and wetlands. Do not contaminate water by cleaning equipment or disposal of wastes. ✓

DIRECTIONS FOR USE

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

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF 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.

<u>INSECT</u>	<u>POUNDS OF SEVIN(R) BRAND GRANULAR PER 1,000 SQ. FT.</u>	<u>SPECIFIC DIRECTIONS</u>
Ants, Armyworms, Centipedes, Chiggers, Chinch bugs, Crickets, Cutworms, Darkling ground beetles, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Grasshoppers, Green June beetle grubs, Lawn moths (Sod webworm), Leafhoppers, Lucerne moth larvae, Millipedes, Sowbugs, Spittlebugs, Springtails, Ticks, Yellowstriped armyworm	2.0 to 2.5	For general insect control, apply granules uniformly when grass is dry. For most effective control, lawn should be watered lightly after application to remove chemical from the granules. Repeat applications may be made as needed to control new infestations.
White grubs (such as: Japanese beetle grubs, Chafer beetle grubs, <u>Phyllophaga</u> spp. grubs and Annual white grubs), Bluegrass billbug larvae, European crane fly larvae	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 agents. For most effective control, turf should be watered thoroughly after treatment to remove the chemical from the granules. Repeat applications may be made as needed to control new infestations.

NUISANCE PEST CONTROL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND BUILDINGS

For control of ants, armyworms, ticks, cutworms, centipedes, crickets, earwigs, firebrats and silverfish, fleas, millipedes, sowbugs, scorpions and spiders: Apply granules uniformly in a 6 foot band around the

building. Apply granules at the rate of 5.8 ounces per 120 square feet (6' by 20' band) to shrub and flower beds, foundations, ornamental plantings, and in lawn or soil areas immediately adjacent to the building. For most effective control, treated area should be lightly watered after application to remove the chemical from the granules. Repeat treatments as necessary to control new infestations.

CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE

For control of juvenile and adult Ixoides spp. ticks (Deer tick, Bear tick, and Black legged tick) and Amblyomma spp. ticks (Lone star tick) which vector Lyme Disease. Apply granules at the rate of 2.5 to 3.0 pounds of formulated product per 1000 square feet with appropriate application equipment to ensure uniform coverage.

Target applications to control juvenile ticks (larvae and nymphs) in late Spring or early Summer (May/June). Control of adult ticks can be achieved with late Summer and Fall applications (Aug/Sept).

Make applications to lawns, shrub beds, ornamental plantings, wooded areas, and around outside perimeters of home and other buildings. Do not make spot applications. Treat entire lawn and perimeter wooded areas and property boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules.

Ticks may be reintroduced from surrounding areas on host animals. Re-treat as necessary to maintain adequate control levels.

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

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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