

ORTHO Dibrom Lawn Insect Spray  
EPA Reg. No. 239-1607  
November 30, 1983

COPY A

When applying product, wear long-sleeved shirt, long pants, water proof gloves, shoes and a head covering. Avoid exposure to children. Do not allow children to handle or apply this pesticide product. Do not allow children or pets in treated areas until surfaces are dry.

COPY B

Symptoms of poisoning: headache, nausea, dizziness, loss of equilibrium, muscle spasms, difficulty in breathing, hyperexcitability and convulsions.

**CONFIDENTIAL**

PROPERTY OF

**CHEVRON CHEMICAL COMPANY**

**UNTIL ACCEPTED BY EPA**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 27 1984

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

239-1607

239-1607



# ORTHO

Treats Up To  
4,000 Sq. Ft.

## DIBROM<sup>®</sup> Lawn Insect Spray

Controls lawn insects including grubs, cutworms, and other larvae. Kills insects on contact. Kills insects in soil. Kills insects in soil.



Active Ingredients	By Wt.
Malathion	17.4%
Endosulfan	4.6%
Aromatic Petroleum Concentrate Solution	68.0%
Inert Ingredients	10.0%
* 1,2-dibromo-2,2-dichloro-1,1-dimethyl ethane	
U.S. Pat. No. 2,971,882	

**DANGER:** Keep out of reach of children.  
Read danger statements on back panel.

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## ORTHO DIBROM<sup>®</sup> Lawn Insect Spray

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH LABEL DANGER STATEMENTS AND DIRECTIONS

KEEP PESTICIDE IN ORIGINAL CONTAINER DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS

**DIRECTIONS:** Place required amount of DIBROM Lawn Insect Spray in ORTHO Lawn Sprayer jar (see chart) Fill jar with water, mix, attach to sprayer and apply as recommended. Use at once. Do not let stand overnight.

**ROACHES (Water Bugs):** For Control of All Species of Resistant and Non Resistant Cockroaches: Long German, Brown Banded, Oriental and American Roaches Around Outside Dwellings, Barns and Other Buildings where Roaches Exist - Use 1/2 pint per 1 gal. water. Direct as wet spray at building foundations, listing cracks and crevices, also under porches and stairways, around vents, pipe ducts, doorways, window sills, garbage containers and other outside areas frequented by roaches. Do not apply inside buildings.

**DANGER:** May be harmful if swallowed or absorbed through skin. Concentrate may cause skin or eye damage. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Use waterproof gloves and face shield or goggles when handling concentrate. In case of contact, immediately flush skin or eyes with plenty of water. For eyes, get medical attention. **Note to Physician:** Dated is a cholinesterase inhibitor. Atropine is antidotal. Z-PAIN is also antidotal and may be used in conjunction with atropine.

Mucosal damage may occur and if gastric lavage is indicated it should be performed cautiously. Avoid storage near or contamination of feed and food products. Keep children and pets off of lawn until spray is washed completely into soil. Do not use on household pets or humans. **DO NOT USE POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.** Do not use on Nectarines, Ornamental Cherries, Liquidambar or Chrysanthemums as injury may result. Avoid contamination of fish ponds. Wash equipment thoroughly after use to avoid corrosion. When container is empty, immediately wash thoroughly and destroy. Never re-use.

This product will kill fish and wildlife. Keep out of any body of water. Birds feeding on treated areas may be killed. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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

**STORE IN COOL, DRY PLACE**

### Chevron Chemical Company

One of the world's largest chemical companies  
 Headquarters: Richmond, California  
 Regional Offices: Dallas, Texas; Perth Amboy, N.J.; Arroyo Grande, California  
 For a full list of distributors, write to: Chevron Chemical Company, P.O. Box 100, San Francisco, California 94102  
 EPA Reg. No. 239-1607 ZB

Pests	Amount DIBROM Lawn Insect Spray To Use	Comments
<b>LAWN LEAF FEEDERS AND SURFACE PESTS</b>		
Amygdalids	One Cup (8 fl. oz.) in 15 gals. water to treat 1000 sq. ft. of lawn	Mow lawn and water well 1 to 2 days before treatment. On Dichondra and matted grass lawns, sprinkle lightly immediately after treatment to improve effectiveness. Heavy watering or irrigation should be withheld for 2 to 3 days following treatment. Repeat treatments may be necessary at 4 to 6 week intervals. Sprays are most effective if applied during 2 hour period prior to darkness when lawn insects become active.
Firey Skipper Larvae	One Teaspoonful in 1 gal. covers 75 sq. ft.	
Lawn Moth Larvae	One Pint in 30 gals. covers 2,000 sq. ft.	
Leafhoppers		
Sod Webworms		
Thrips		
<b>ROOT FEEDERS AND SOIL PESTS</b>		
Billbug Grubs	One Cup (8 fl. oz.) in 15 gals. water per 750 sq. ft.	For lawns and soil in flower beds, water heavily immediately after treatment to wash spray into soil. Do not wash spray away by flooding. <b>Note:</b> This treatment will normally stop damage. However, with extremely severe infestations of cutworms (particularly in dichondra lawns) a repeat application may be required in 1 to 2 days. Sprays are most effective if applied during 2 hour period prior to darkness when insects become active.
Brachymerus Grubs		
Cutworms		
Symphids		
White Grubs		
Wireworms		
<b>HOME INVADING PESTS</b>		
Brown Dog Ticks, Ants, Clover Mites, Earwigs, Sowbugs	One Cup (8 fl. oz.) in 15 gals. water to treat 1000 sq. ft. of lawn	Treat lawn. Also spray foundation and soil around buildings, along fences, etc. Do not use inside dwellings.
<b>PATIO AND OTHER OUTDOOR LIVING AREAS</b>		
Flies, Mosquitoes and Gnats	4 Teaspoonfuls Gal. water	Use ORTHO SPRAYETTE. Apply spray to all patio surfaces and immediate surrounding areas 1 to 3 hours before starting cook out.

Copy A

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DRP

27 FEB 1984

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Mr. W. L. Chase  
Chevron Chemical Company  
~~Consumer Products~~  
Ortho Agricultural Chemicals Division  
940 Hensley Street  
Richmond, CA 94804-0036

Dear Mr. Chase:

Subject: Conditional Registration Application  
Amendments - Update per Lindane PD-4; ~~Replacement Formula~~  
Dibrom Lawn Insect Spray  
EPA Registration No. 239-1607  
Application Dated November 30, 1983

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

1. While the proposed additions to comply with the provisions of the Lindane Position Document 4 are acceptable, the label itself should be updated to be in compliance with 40 CFR §162.10. Please reformat, reorganize and add additional headings and subheadings as necessary.
2. The label storage and disposal advice should appear in one location on the label and should be updated to resemble that appearing on your other current labels.

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

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

If you hold a Federal registration, a supplemental registration, or a Special Local Needs registration, you may continue to produce new stocks of such products, using current labeling, until April 1, 1984. After that date, all

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

239-1607

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remaining inventories of affected products will fall under the Existing Stocks provisions stated in our letter of October 28, 1983.

Sincerely yours,

George E. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

P.S. The replacement formula is currently being reviewed. Comments or acceptance of the proposed revisions will follow as soon as this review is completed.

DCR-05448:LaRocca:Raven:557-2226:CBI-21:tar:2/10/84:Del.2/27/84