

OCT 13 1993

Mr. Irvin Baker
Seacoast Laboratories, Inc.
P.O. Box 373
Dayton, New Jersey 08810

Subject: Change of Product Name, Revised Labeling,
Revised Confidential Statement of Formula
Twin Light Dursban Lawn Insect Killer (formerly
Twin Light Professional Dursban Lawn Insect Killer)
EPA Registration Number 1159-181
Your Application Dated September 15, 1993

Dear Mr. Baker:

Your request to change the official name of record for this product to

Twin Light Dursban Lawn Insect Killer

is acceptable. We have amended our records to show the new name.

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 change indicated below before you release the product for shipment bearing the amended labeling:

Revise the directions for Japanese beetle grubs and european chafer grubs to

Apply uniformly at a rate of 2 lbs. per 1,000 sq. ft. When high populations of grubs are present in the area to be treated, a repeat application of 2 lbs. per 1,000 sq. ft. may be made 7 to 14 days following the initial application. After application sprinkle lawn thoroughly to wash the insecticide off the grass and onto the soil. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local Agricultural Extension Service

Specialist for the proper time to treat in your geographical area, generally between late July and early October.

(Wash granules into soil with 30 gallons of water per 1,000 sq. ft.)

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

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

We note that the Confidential Statement of Formula, dated September 15, 1993, indicates a slight overformulation of the active ingredient. It is current Agency policy that the label claim for the concentration of the active ingredient must equal the nominal concentration of the active ingredient. (See PR Notice 91-2, dated May 2, 1991, for further information.) As formulated, the nominal concentration of chlorpyrifos is 2.38%.

$$3.80\% \text{ Dursban HF} \times 62.5\% \text{ chlorpyrifos} = 2.38\%$$

You may increase the label claim to 2.38%. If you choose to maintain the label claim at 2.32% you must decrease the amount of Dursban HF in the formulation to 37.12 pounds.

$$37.12 \text{ pounds} / 1000 \text{ pounds} = 3.712\%$$

$$3.712\% \text{ Dursban HF} \times 62.5\% \text{ chlorpyrifos} = 2.32\%$$

For a nominal concentration of 2.32% we would expect the upper and lower certified limits to be 2.44% and 2.20% respectively.

Note that the EPA Registration Number for Dursban HF is now 62719-66.

Further consideration will be given to your application upon receipt of revised labeling and information as indicated above. Because of the importance of your application, we would like to have your reply within 75 days. If you have any questions concerning this letter, please contact me at (703) 305-6386.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure



Net Weight
25 lbs.
(11.3 kg)

3 9 4

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 13 1993

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

1159-181

Dursban® Lawn Insect Killer

BEST AVAILABLE COPY

Covers up to 25,000 Square Feet

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate] 2.32 %

EPA Reg. No. 1159-181
EPA Est. 9198-OH-1

INERT INGREDIENTS: 97.68 %

*DURSBAN-Trademark of Dow Elanco

**KEEP OUT OF REACH OF CHILDREN
WARNING**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove victim to fresh air and apply respiration if indicated.

IF ON SKIN - Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES - Rinse eyes for at least 15 minutes with water and call a physician immediately.

NOTE TO PHYSICIAN: Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

SEE BACK PANEL FOR ADDITIONAL CAUTIONS





4 7 4

Net Weight
25 lbs.
(11.3 kg)

BEST AVAILABLE COPY

Dursban[®] Lawn Insect Killer

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS
WARNING**

Avoid breathing dust.
Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from area treated.
Do not allow children or pets on treated lawn until insecticide is washed off the grass into the soil and grass is completely dried.

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep in original container and place in locked cool storage area. Keep out of reach of children, pets and other animals. Avoid moisture. Avoid contamination of feed or foodstuffs by storage or disposal. Open burning and dumping prohibited. Do not reuse empty container.
PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures.
CONTAINER DISPOSAL: Do not reuse empty container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Wrap empty container in several layers of paper and place in trash collection.



DIRECTIONS FOR USE

CHINCH BUGS, SOD WEBWORMS, ANTS, EARWIGS, CRICKETS, CUTWORMS, BROWN DOG TICKS and SOWBUGS (PILLBUGS): Spread uniformly at a rate of 1 pound per 1,000 sq. ft. In northeastern states, make first application in May or June or when insects first appear. Re-treat as needed, usually in July or August. Consult your Extension Service Specialist as to exact timing of applications.

(Wash granules into soil with 30 gallons of water per 1,000 sq. ft.)

HYPERODES WEEVIL: Apply uniformly at a rate of 2 lbs. per 1,000 sq. ft. Make the first application of suspected area in mid-April followed by second application 30 days later.

(Wash granules into soil with 30 gallons of water per 1,000 sq. ft.)

JAPANESE BEETLE GRUBS and EUROPEAN CHAFER GRUBS: Depending on infestation, apply uniformly at a rate of 2 to 4 lbs. per 1,000 sq. ft. For Grub control, apply anytime between late July and early October when grubs are young and feeding near surface. After application sprinkle lawn thoroughly to wash the insecticide off the grass and onto the soil.

(Wash granules into soil with 30 gallons of water per 1,000 sq. ft.)

APPROXIMATE SPREADER SETTINGS

	Pounds per 1,000 sq. ft.		
	1	2	4
Cyclone B1-B4	3 1/4 - 3 3/4	4 - 4 1/4	4 3/4 - 5
Scotts Pro Broadcast R7X	F-F 1/4	H-H 1/4	I-J
Earlway Broadcast 2200A	13	15	17
Leeco Broadcast	F-F 1/4	H-H 1/4	I-J
Spyral	3 1/4 - 3 3/4	4 - 4 1/4	4 3/4 - 5
Prize CB-85	4 - 4 1/4	4 - 4 1/4	5 - 5 1/4
Prize CBT-85	4 - 4 1/4	4 1/4 - 4 3/4	5 - 5 1/4
Lely (3mph, 20 ft)	2 - 2 1/4	2 1/4 - 2 3/4	3 - 3 1/4
Scotts Drop	3 3/4 - 4	4 1/4 - 4 3/4	5 - 5 1/4
Scotts Broadcast	D-D 1/4	E-E 1/4	F-F 1/4

The age, condition of spreader, speed of operation and roughness of lawn will cause variations in rates applied. These suggested settings are for your guidance only.

WARRANTY STATEMENT

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and or handling of this material when such use and or handling is contrary to label instruction.

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