

AUG 14 1997

Ms. Carolyn Bussey
Novartis Crop Protection, Inc.
P.O. Box 18300
Greensboro, N.C. 27419

Dear Ms. Bussey:

Subject: Amendment- Add Deer Ticks & Lone Star Ticks
by means of supplemental labeling
D.z.n Granular Lawn Insect Control
EPA Registration Number 100-468
Your submission dated May 27, 1997

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

1. Submit and/or cite all data or other material required for registration/reregistration of your products under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended (supplemental) labeling:
 - a) Given the two use sites appearing on this supplemental label, you may want to revise the front panel limitation to read: For outdoor use on the home lawn and around the home foundation only.
 - b) Revise the front panel claim "DEER TICKS WHICH MAY CAUSE LYME DISEASE" to either "DEER TICKS WHICH MAY TRANSMIT LYME DISEASE" or "DEER TICKS WHICH MAY CARRY LYME DISEASE".
 - c) In point number 5 of the Special Precautions, add a comma after "however". In point number 6, add a comma before "such as".
 - d) You may wish to capitalize or not capitalize the tick names throughout the label for consistency within this label and

with your other diazinon labels bearing these same pest claims.

- e) While the lawn application table gives the correct rates, the user has been referred in the General Information to the full label for the appropriate spreader settings, however, the full label does not give spreader settings to deliver either 1 3/4 lbs. or 1 lb per 1000 sq. ft. Until such time as these uses are consolidated into the full label, the appropriate spreader settings for these uses should appear in the lawn application table of this Supplemental Label and the spreader setting referral should be deleted. If and when these uses are consolidated into the full label, then the spreader settings given on that full label will have to be expanded to allow for the 3 possible rates. Also, in the Lone Star Tick Rate add a period after "oz".
- f) In the Band Treatment Around House Foundation directions, revise the beginning of the first sentence to read "To control deer ticks [or Deer Ticks] which may transmit [or may carry] Lyme Disease and to control the Lone Star Tick,". In the next sentence add "or" between the two application rates, i.e., between "tick)" and "1.6 ozs.". Please note that you have used "oz." when referring to more than one ounce elsewhere on the label, therefore, for consistency, the rates here should appear as "2.8 oz." and "1.6 oz.". Also, since this is a homeowner-use product, it would be useful to give some conversion of 2.8 oz. or 1.6 oz. into teaspoons or tablespoons of product. If you do, be sure to add the precaution "Do not use spoons for food use after use in measuring pesticides.".

3. Submit three (3) 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.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide/Rodenticide Branch
Registration Division (7505C)

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Novartis Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Tel 910 632 6000



ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 14 1997

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

100-468

SUPPLEMENTAL LABELING

D-z-n® Granular Lawn Insect Control

Insecticide

EPA Reg. No. 100-468

This product must not be used on golf courses and sod farms.
For outdoor use on the home lawn only.

KILLS:

DEER TICKS WHICH MAY CAUSE LYME DISEASE

LONE STAR TICKS

Active Ingredient:

Diazinon: O, O-Diethyl O-(2-isopropyl-6-
methyl-4-pyrimidinyl) phosphorothioate.....

2%

Inert ingredients:

98%

Total:

100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

RECD EPA/OPP/DPD1

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DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY OR ILLEGAL RESIDUES

Follow all applicable directions, restrictions, and precautions on the full EPA-registered D-z-n Granular Lawn Insect Control label.

This label must be in the possession of the user at the time of application.

Note: Do not allow children or pets onto treated area until granules have been watered in and the grass has dried.

GENERAL INFORMATION

D-z-n Granular Lawn Insect Control controls certain lawn pests on grass and dichondra lawns. Apply this product with a fertilizer spreader. Refer to the full EPA-approved label for D-z-n Granular Lawn Insect Control for spreader settings. D-z-n Granular Lawn Insect Control works fast and application should be repeated only as directed to maintain control.

OVERALL LAWN APPLICATION

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS

Birds, especially waterfowl (ducks or geese) feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15, 000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions included within the directions for use, however stop watering before puddling occurs.
6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

To control the deer tick, which may transmit Lyme Disease, and the lone star tick, follow the directions below. Repeat as necessary

Pests	Rate	Timing/Special Directions
Deer Tick	1 3/4 lbs. (28 oz.) per 1,000 sq. ft.	Make the first application in Spring when ticks are first noticed. Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. Contact your local Cooperative Extension Service or Health Department for additional information about controlling ticks.
Lone Star Tick	1 lb. (16 oz) per 1,000 sq. ft	

16 oz. = 1 lb.

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Band Treatment Around House Foundation

Deer Ticks, Lone Star Ticks	To control deer ticks which may cause Lyme Disease and the Lone Star Tick, apply a 2-ft. band of D·z·n Granular Lawn Insect Control next to the house foundation. Distribute granules uniformly, using a rate of 2.8 ozs. (deer tick) 1.6 ozs. (lone star tick) per 100 sq. ft. of area (2 ft. x 50 ft.) treated. If necessary, repeat application at 3-week intervals.
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Novartis Crop Protection, Inc.
Greensboro, NC 27419

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May 23, 1997