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

AUG 14 1997

Dear Ms. Bussey:

Subject: Amendment- Add Deer Ticks & Lone Star Ticks  
by means of supplemental labeling  
D.z.n Diazinon AG600 WBC  
EPA Registration Number 100-784  
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) 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".
  - b) While the Agency has no objection to the text FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY OR ILLEGAL RESIDUES appearing in both the Directions For Use and the General Information, the Agency questions if this repetition is intentional, since it does not occur on all of the Supplemental labels with these new tick claims.
  - c) In the first paragraph of the GENERAL INFORMATION, revise "Don not use in barns and dwellings." to "Do not use in barns or dwellings."

- d) In the Lawn Pest Control Precautions, you may revise "Where irrigation (watering) is recommended..." to just "Where watering is recommended...".
  - e) You may wish to capitalize or not capitalize the tick names throughout the label for consistency within this label and with your other diazinon products bearing these same pest claims.
  - f) In the lawn application table revise "oz." to "fl. oz." for both pest entries.
  - g) You may want to add "Do not treat animals with this product." to the end of the Remarks column of the Lawn Pest Control table, as you have done at the end of the Nuisance Pests Outside the Home directions.
  - h) In the Nuisance Pests Outside the Home directions, revise the beginning of the first sentence to read "To control deer ticks [or Deer Ticks] which may transmit Lyme Disease," or "To control deer ticks [or Deer Ticks] which may carry Lyme Disease,". Also, since you give rates in tablespoons on this supplemental label, please add the precaution "Do not use spoons for food purposes 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)



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

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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.  
100-784

**RESTRICTED USE PESTICIDE  
DUE TO AVIAN AND AQUATIC TOXICITY  
FOR RETAIL SALE TO AND USE BY CERTIFIED APPLICATORS OR  
PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR  
THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S  
CERTIFICATION**

**SUPPLEMENTAL LABELING**

D-z-n® Diazinon AG600 WBC

Insecticide  
EPA Reg. No. 100-784

This product must not be used on golf courses and sod farms.

**CONTROLS:**  
**DEER TICKS WHICH MAY CAUSE LYME DISEASE**  
**LONE STAR TICKS**

Active Ingredient:	
Diazinon: O, O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.....	56.0%
<u>Inert ingredients:</u>	<u>44.0%</u>
Total:	100.0%

**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 Diazinon AG600 WBC label.

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

**GENERAL INFORMATION**

D-z-n Diazinon AG600 WBC is a water-based concentrate product when diluted with water according to the directions is intended for the control of insect pests of agricultural crops and other plants. Don not use in barns or dwellings. Do not use on livestock or other animals.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Do not permit children or pets to go onto treated areas until sprays have dried.**

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

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**Lawn Pest Control**

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*Precautions:* Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping sprays. When irrigation (watering) is recommended in the directions, or if waterfowl (ducks or geese) can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product; however stop watering before puddling occurs.

Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion, and St. Augustinegrass.

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

Rate/1,000 sq. ft.

Pests	D-z-n diazinon AG600 WBC	Water	Remarks
Deer Tick	2 tablespoons (1 oz.)	3 gals.	Spray grass and under shrubbery particularly near house. Make the first application in Spring when ticks are first noticed. Contact your local Cooperative Extension Service or Health Department for additional information about controlling ticks.
Lone Star Tick	1 tablespoon (1/2 oz.)	3 gals.	

1 fl. oz. = 6 teaspoons or 2 tablespoons

1 tablespoon = 3 teaspoons

Nuisance Pests Outside the Home

Deer Ticks, Lone Star Ticks	To control deer ticks which may cause Lyme Disease, mix 2 tablespoons in 3 gals. of water. To control the Lone Star Tick, mix 1 tablespoon in 3 gals. of water. Thoroughly spray window and door screens, window sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where ticks may hide. To prevent entry into houses, spray a 5-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary. Do not treat animals with this product.
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Novartis Crop Protection, Inc.  
Greensboro, NC 27419

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May 23, 1997