

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

JUL 30 1997

Dear Ms. Bussey:

Subject: Amendment- Add Deer Ticks & Lone Star Ticks
by means of supplemental labeling
D.z.n Diazinon AG500
EPA Registration Number 100-461
Your submission dated May 27, 1997

The amendment referred to above, submitted in connection with registrations under FIFRA section 3(c)(7)(a), are 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) In the Lawn Pest Control Precautions, you may revise "Where irrigation (watering) is recommended..." to just "Where watering is recommended...".
 - c) You may wish to capitalize or to not capitalize the tick names throughout the label for consistency within this label as well as with your other diazinon labels bearing these same pest claims.
 - d) In the lawn application table, revise oz. to fl. oz. in the D.z.n Diazinon AG500 column.

- e) 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.
- f) 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 [or may carry] Lyme Disease,".

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)



**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 AG500

Insecticide
EPA Reg. No. 100-461

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.....	48.0%
<u>Inert ingredients:</u>	<u>52.0%</u>
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUL 30 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
100-461

REC'D 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 AG500 label.

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

GENERAL INFORMATION

D-z-n Diazinon AG500 is an emulsifiable solution which, when diluted with water according to the directions is intended for control of control of insect pests of agricultural crops and other plants. Do 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.

Lawn Pest Control

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 AG500	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	4 1/2 teaspoons (3/4 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 4 1/2 teaspoons 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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D·z·n® trademark of Novartis
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Novartis Crop Protection, Inc.
Greensboro, NC 27419

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May 23, 1997