

528324

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 50W
EPA Registration Number 100-460
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 with your other diazinon labels bearing these same pest claims.
 - d) 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.

- e) In the Nuisance Pests Outside the Home directions, delete the proposed first sentence and replace with the following:
 "To control deer ticks [or Deer Ticks] which may transmit [or may carry] Lyme Disease, mix 1 oz. in 3 gals of water. To control lone star ticks [or Lone Star Ticks], mix 3/4 oz. in 3 gals. of water." Also, you may want to have the Note appear in bold type as it does on other diazinon labels with these same pest directions.

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)

3 7 7

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

Tel 910 632 6000



**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 50W

**Insecticide
EPA Reg. No. 100-460**

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.....	50%
<u>Inert ingredients:</u>	<u>50%</u>
Total:	100%

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.
100-460

4 7 7

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 50W label.

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

GENERAL INFORMATION

D-z-n Diazinon 50W is a wettable powder which should be mixed with sufficient water to assure thorough coverage, unless otherwise noted in the Directions for Use. Best control is obtained when application is made at the first sign of pests. Since D-z-n diazinon 50W is a wettable powder, constant agitation is necessary during application.

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.

5 7 7

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

6 7 7

Rate/1,000 sq. ft.

Pests	D-z-n diazinon 50W	Water	Remarks
Deer Tick	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	3/4 oz.	3 gals.	

7 9 7

Nuisance Pests Outside the Home

<p>Deer Ticks, Lone Star Ticks</p>	<p>To control lone star ticks or to control deer ticks which may cause Lyme Disease, mix 1 oz 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.</p> <p>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.</p> <p>Note: Do not apply to animals.</p>
---	--

D-z-n® trademark of Novartis
©1997 Novartis Crop Protection, Inc.

Novartis Crop Protection, Inc.
Greensboro, NC 27419

NCP

July 21, 1997

528324

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 50W
EPA Registration Number 100-460
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 with your other diazinon labels bearing these same pest claims.
 - d) 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.

- e) In the Nuisance Pests Outside the Home directions, delete the proposed first sentence and replace with the following:
 "To control deer ticks [or Deer Ticks] which may transmit [or may carry] Lyme Disease, mix 1 oz. in 3 gals of water. To control lone star ticks [or Lone Star Ticks], mix 3/4 oz. in 3 gals. of water.". Also, you may want to have the Note appear in bold type as it does on other diazinon labels with these same pest directions.

- 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

Tel 910 632 6000

3 9 7



**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 50W

Insecticide

EPA Reg. No. 100-460

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.

100-460

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..... 50%

Inert ingredients:..... 50%

Total: 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

4 7 7

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 50W label.

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

GENERAL INFORMATION

D-z-n Diazinon 50W is a wettable powder which should be mixed with sufficient water to assure thorough coverage, unless otherwise noted in the Directions for Use. Best control is obtained when application is made at the first sign of pests. Since D-z-n diazinon 50W is a wettable powder, constant agitation is necessary during application.

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.

5 8 7

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

6 7 7

Rate/1,000 sq. ft.

Pests	D-z-n diazinon 50W	Water	Remarks
Deer Tick	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	3/4 oz.	3 gals.	

Nuisance Pests Outside the Home

<p>Deer Ticks, Lone Star Ticks</p>	<p>To control lone star ticks or to control deer ticks which may cause Lyme Disease, mix 1 oz 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.</p> <p>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.</p> <p>Note: Do not apply to animals.</p>
--	--

D-z-n® trademark of Novartis
©1997 Novartis Crop Protection, Inc.

Novartis Crop Protection, Inc.
Greensboro, NC 27419

NCP

July 21, 1997