



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 25 1994

Caroline B. Bussey
CIBA-GEIGY CORP.
P. O. Box 18300
Greensboro, NC 27419

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/03/93 in Response to PR Notice 93-7
EPA Reg. No. 100-460
D-Z-N DIAZINON 50W INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

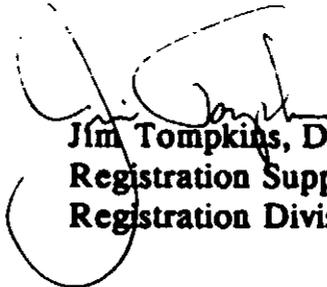
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

WPS

RESTRICTED USE PESTICIDE
 Due to Avian and Aquatic Toxicity

For retail sale to and use only by Certified
 Applicators or persons under their direct supervision
 and only for those uses covered by the Certified
 Applicator's Certification.

Container Label for Use With Booklet

D·z·n® diazinon 50W

Insecticide

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

For control of certain insects and mites on
fruits, nuts, vegetables, field crops, turfgrass
and ornamentals.

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-	
<u>methyl-4-pyrimidinyl) phosphorothioate</u>	<u>50%</u>
<u>Inert Ingredients:</u>	<u>50%</u>
Total:	100%

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
JAN 25 1994

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
100-460

D·z·n diazinon 50W is a wettable powder

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements on left panel.

For directions for use and specific pests see booklet in bottom
flap of bag.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and
 with the Worker Protection Standard, 40 CFR part 170.
 Refer to supplemental labeling under "Agricultural Use
 Requirements" in the Directions for Use section for
 information about this standard.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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.

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 first sign of pests. Application should be repeated only as directed to maintain control.

Since D·z·n diazinon 50W is a wettable powder formulation, constant agitation is necessary during application.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, since crop or plant injury may result.

Do not use on food crops grown in greenhouses.

Work Safety Rules

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

When handling D·z·n Diazinon 50W, do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Practical Treatment section of this label.

Chemigation

Refer to supplemental labeling booklet in bottom flap of bag for chemigation use directions for cranberries. Do not apply this product to cranberries through any type of irrigation system unless the specific directions for chemigation are followed.

Do not apply this product to any other crop or site through any type of irrigation system.

For specific directions for use, see booklet in bottom flap of bag.

D·z·n diazinon 50W is registered for use in or on:

- | | | |
|---------------------|---------------------|-------------------|
| Almonds (CA only) | Kale | Spinach |
| Apples | Lawns (Excludes | Squash |
| Apricots | Golf Courses and | Strawberries |
| Beans, (Lima, Pole, | Sod Farms) | Sugar Beets |
| and Snap) | Lettuce | Sweet Potatoes |
| (succulent only) | Loganberries (CA, | Sweet Corn |
| Beets | OR, WA only) | Swiss Chard |
| Blackberries (CA, | Melons | Tomatoes |
| OR, WA only) | Mushroom Houses | Turnips |
| Boysenberries (CA, | Mustard | Turnip Tops |
| OR, WA only) | Nectarines | Walnuts (CA only) |
| Broccoli | Non-crop Areas | |
| Brussels Sprouts | Onions | |
| Cabbage | Ornamentals | |
| Caneberries (CA, | Parsley | |
| OR, WA only) | Parsnips | |
| Carrots | Peaches | |
| Cauliflower | Pears | |
| Cherries | Peas (succulent | |
| Chinese Broccoli | only) | |
| Chinese Cabbage | Peppers | |
| (Bok Choy and | Pineapple | |
| Napa) | Plums | |
| Chinese Mustard | Potatoes** | |
| Collards | Prunes | |
| Cranberries | Radishes | |
| Cucumbers | Raspberries (CA, OR | |
| Dewberries (CA, | WA only) | |
| OR, WA only) | Seed Treatment, | |
| Endive (Escarole) | Planter Box | |
| Fly control in | (Corn and | |
| barns and animal | Succulent Peas | |
| sleeping quarters* | and Beans) | |
| Grapes | Sheep | |
| Hops | | |

*except dairy barns, milk rooms and poultry houses

**except commercially-grown potatoes which will be hand-harvested

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If pesticide, spray mixture or rinsates cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. Stay out of smoke from burning container.

For minor spills, leaks, etc. follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Do not breathe dust or spray mist. Avoid contact with skin, eyes, and clothing. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or pets. Do not contaminate ornamental fish ponds. Be sure to follow the "Work Safety Rules" that appear in the attached booklet.

Statement of Practical Treatment

This product is an organophosphate.

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 if person is unconscious or convulsing.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water. Get medical attention.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

Environmental Hazards

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. On lawns, if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

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Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 1L118G (5 Pounds)
CGA 1L117H (4 Pounds)

[GANNONC.LABELD]DZN50CWP

Revised June 2, 1982
 Revised Nov. 30, 1982
 (Including EPA comments
 of 11/22/82)

Revised Jan. 02, 1985
 (EPA PR Notices 83-2 &
 83-3)

Revised March 3, 1987
 Reduced rates on turf,
 separate sections for golf
 courses and lawns, revised
Environmental Hazards

Revised April 5, 1988
 Deleted golf courses, sod
 farms, added do not use on
 golf courses, sod farms,
 deleted ref. to golf courses
 and sod farms from Env.
 Hazards, added chemigation
prohibition.

Revised November 22, 1988 -
 Deleted non-supported crops
 per EPA's May 1, 1988
 Data Call-In, added spill
statement

Accepted 11/23/88 with
 comments

Revised 2/28/89 per EPA com-
 ments and per Data Call-In -
 Moved golf course/sod farm
 prohibition under product
 name, changed a.i. name back
 to original accepted version,
 revised Hazards to Humans and
 Domestic Animals, Revised
 precautionary statements,
 revised Env. Hazards, added
 "Recommended for Agricultural
 or Commercial Use only,
 revised note to physician,
 revised list of labeled

crops, did not include apricots, plums or prune dfu's on container label because of lack of space.

Revised 6/7/89 - revised reentry statements - 24 hr. reentry for vegs., fruits, field crops, see booklet.

Revised 9/15/89 - minor revisions per EPA letter of 6/23/89 and Registration Standard.

Revised 11/21/89 - per EPA letter of 11/6/89

Revised 1/11/90 - referral statement for chemigation - cranberries and revised Env. Hazards per EPA letter of 12/4/89, deleted blueberries.

Revised 10/8/90 - amended "Failure to Follow" statement, revised Worker Safety lang. to match booklet.

Revised 11/20/90 per EPA letter of 10/6/90.

Revised 1/16/91 per EPA letter of 12/18/90

Revised 10/3/91 per EPA letters of 12/18/90 and 8/26/91 (signal word)

Revised 5/11/92 - deleted celery (over tolerance) and aerial application limitations.

Revised 1/18/93 - editorial changes per EPA letter of 11/16/92

Revised 8/25/93 - WPS & logo changes