



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

100-926

Date of Issuance:

JUL 27 1998

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

D.z.n diazinon Garden
Insect Dust

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered, reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Reg. No. 100-926".
 - b. Revise the front panel limitation "OUTDOOR USE on THE HOME GARDEN ONLY" to "FOR OUTDOOR USE ON THE HOME GARDEN ONLY". You may then choose to add the site ON THE HOME GARDEN above On Roses, Flowers, etc.

Signature of Approving Official:

Date:

JUL 27 1998

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- c. The heading "AROUND THE] HOUSE FOUNDATION" to "AROUND [YOUR/THE] HOUSE FOUNDATION".
 - d. In the chart at the bottom of page 2, revise "Ticks (including ticks that transmit Lyme Disease," to "Ticks (including ticks that may transmit Lyme Disease),".
 - e. In the WHEN TO APPLY/AMOUNT TO USE entry for Cutworms, etc., the label cannot call for use of more product than is contained in a full container (in this case 1 pound). Based on the rate presented in the proposed directions, it appears 1 lb. would cover 217 sq. ft. (which could be rounded up to 220 sq. ft).
 - f. In the alternative Vegetables & Melons table on page 7, revise the last heading to read "DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST".
 - g. In the Berries & Grapes table, revise the last heading to read "DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST".
 - h. In the list of insects under the heading OUTDOOR NUISANCE PESTS AROUND THE HOME, there is an asterisk after Fire Ants, but there is no footnote that it refers to. Presumably, such a footnote would read "Aids in control."
 - i. Under the heading TICK CONTROL, be sure to delete "areas" after the marked for deletion "wooded" (this portion of text was unclear on your FAXed label, although the activity summary at the end of the label indicates "wooded areas" was deleted.
 - j. In the Hazards to Humans & Domestic Animals, replace "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals." with "May cause contact sensitization following repeated contact with skin in susceptible individuals. If sensitization reactions result, consult a physician."
 - k. Be sure to meet type size requirements for elements of the label with minimum type size requirements.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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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.

Diazinon Garden Insect Dust

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

OUTDOOR USE ONLY

on **IN THE HOME GARDEN ONLY**

On Roses, Flowers, Shrubs, Vegetables &/and Small Fruits

Kills:

Aphids, Armyworms, Colorado Potato Beetles, Cucumber Beetles, Cutworms, Flea Beetles, Mites &/and other garden pests listed on this label

AROUND THE HOUSE FOUNDATION

Kills Outdoor Nuisance Pests

Also kills ticks which may transmit Lyme disease

IN THE YARD

Kills Garden and/& Outdoor Nuisance Pests

Also kills ticks which may transmit Lyme disease

Active Ingredient

Diazinon (CAS No. 333-41-5)2.0%

Other Ingredients 98.0%

EPA Reg. No. 100-

KEEP OUT OF REACH OF CHILDREN

CAUTION

[bag] See additional precautionary statements on back of bag.

[canister] See back panel for additional precautionary statements.

NET WT 1 LB

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 27 1998

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

100-926

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 Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis 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. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept is 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 Novartis.

D-z-n diazinon Garden Insect Dust quickly kills insects, mites and other pests listed on this label which damage roses, flowers, shrubs, vegetables and small fruits as well as nuisance pests outdoors which can enter the home.

D-z-n diazinon Garden Insect Dust	
KILLS:	Ants, Aphids, Cabbageworms, Cucumber Beetles, Leafhoppers, Mites, Tent Caterpillars, Ticks (including ticks that transmit Lyme Disease, Whiteflies, & other garden & nuisance pests listed in the directions for use.
HELPS TO CONTROL:	Fire Ants
WHERE TO USE	
<ul style="list-style-type: none"> • On Roses, Flowers, Shrubs, Vegetables & Small Fruits • Around the House Foundation • In-the-Yard- Fire Ant Mounds 	

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 PEST CONTROL, PLANT INJURY, OR ILLEGAL RESIDUES.

NOTE: DO NOT USE INSIDE THE HOME OR IN A GREENHOUSE. DO NOT USE ON HUMANS OR ANIMALS.

IN THE GARDEN (To Kill Soil Insects Before Planting Vegetables)

KILLS:

Cutworms, Mole Crickets, Root Maggots & Wireworms
(When treating for wireworms on beans, use only on snap beans.)

PLANTS/VEGETABLES

Beans* (Lima, Pole & Snap), Beets (Red), Cabbage, Carrots, Corn (Sweet), Lettuce, Peas*, Radishes, Rutabagas, Tomatoes & Turnips

*Note: This product is registered only for use on fresh beans and peas. Do not use on beans and peas to be eaten when dried (such as dried limas, split peas or dried black-eyed peas).

[For product packaged in a canister (shaker can) omit the text in brackets below.]

HOW TO APPLY

[Use a dust applicator such as a shaker can, bulbous duster or rotary duster.] Dust lightly to cover soil surface with a thin, even film of dust. Immediately mix dust into soil to a depth of:

- 1 to 2 inches for Mole Crickets
- 2 to 3 inches for Surface Cutworms and Root Maggots
- 3 to 6 inches for Cutworms living below the surface
- 4 to 8 inches for Wireworms

WHEN TO APPLY / AMOUNT TO USE

Apply when air is calm to avoid drift and contact with eyes and skin.

- For Cutworms, Wireworms & Root Maggots: Just before planting, apply 2.3 lb (36.8 oz) / 500 sq. ft.
- For Mole Crickets: 1 to 2 Days before planting, apply 12.5 oz (0.78 lb) / 500 sq. ft.

ON ORNAMENTALS, VEGETABLES & MELONS (To Kill Foliage Pests)**HOW TO APPLY**

[For product packaged in a canister (shaker can) omit the text in brackets below.]

- Apply when air is calm to avoid drift and contact with eyes and skin.
- *[Use a dust applicator such as a shaker can, bulbous duster or rotary duster.]* Dust lightly to cover upper and lower leaf surfaces with a thin, even film of dust.
- For plants with dense foliage or plants above chest height, consider using a liquid insecticide such as *[name of product]*.

ON ORNAMENTALS INCLUDING ROSES, FLOWERS & SHRUBS**KILLS:**

Aphids, Apple & Thorn Skeletonizers, Bagworms, European Pine Sawfly, European Pine Shoot Moths, Flea Beetles, Holly Bud Moths, Hemlock Woolly Adelgid (Hemlock Chermes), Leafrollers (Obliquebanded), Leafhoppers, Dipterous Leafminers (Arborvitae, Azalea, Boxwood, Holly), Mealybugs, Mites (Carnation Bud, Carnation Shoot, Clover, Cyclamen, European Red, Privet, Two-Spotted Spider Mites), Oak Loopers, Obscure Root Weevils, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (Cottony-cushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Thrips, Webworms (Cotoneaster, Fall, Juniper, Mimosa) & Whiteflies.

ORNAMENTAL PLANTS

Arborvitae, Azaleas, Boxwood, Camellias, Carnations, Chrysanthemums, Euonymus, Gladioli, Hawthorn, Holly, Honeysuckle, Juniper, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses, Spirea, Wax Plant (Hoya), Yellowwood & Yew. (DO NOT use on Ferns, Poinsettia, Hibiscus, Pilea, Gardenia or Orchids since plant injury may occur.)

ON VEGETABLES & MELONS**KILLS:**

Aphids, Colorado Potato Beetles, Cucumber Beetles, Diamond-Back Moths, Fall Armyworms, Flea Beetles, Grasshoppers, Imported Cabbageworms, Leafhoppers, Leafminers (Dipterous*), Mexican Bean Beetles, Onion Thrips, Southern Armyworms, Vinegar Flies (Drosophila spp.), Spider Mites & Thrips

*Note: Diazinon and similar type insecticides will not control resistant leafminers.

VEGETABLES & MELONS	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST
Beans* (Lima, Pole & Snap)	5	3	7
Broccoli	7	5	7
Cabbage	7	5	21
Carrots	7	5	14
Cauliflower	7	5	7
Chinese Broccoli	7	5	10
Chinese Cabbage (Bok Choy & Napa)	7	5	10
Collards	7	5	10
Corn (Sweet)	7	5	7
Cucumbers	7	5	7
Endive (Escarole)	7	5	14
Kale	7	5	10
Lettuce	7	5	14
Onions	7	5 3	14
Parsnips	7	5	14
Peas*	5	3	7
Peppers	7	5	5
Potatoes	7	5	35
Radishes	7	3	14
Rutabagas	7	5	14
Spinach	7	5	14
Squash (Summer & Winter)	7	5	14
Tomatoes	7	5	1
Tumips	7	5	14
Melons : Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians & Hybrids of these, & Watermelons	7	5	3

*Note: This product is registered only for use on fresh beans and peas. Do not use if you plan to grow beans and peas to eat when dried (such as dried limas, split peas or dried black-eyed peas).

Alternative table if there is a space constraint.

PLANTS/ VEGETABLES & MELONS	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS BETWEEN LAST APPLICATION & HARVEST
Beans* (Lima, Pole & Snap) & Peas*	5	3	7
Broccoli, Cauliflower, Corn (Sweet) & Cucumbers	7	5	7
Cabbage	7	5	21
Carrots, Endive (Escarole) Lettuce, Onions, Parsnips Rutabagas, Spinach, Squash (Summer & Winter) & Turnips	7	5	14
Chinese Broccoli, Chinese Cabbage (Bok Choy & Napa) Collards & Kale	7	5	10
Onions	7	3	14
Peppers	7	5	5
Potatoes	7	5	35
Radishes	7	3	14
Tomatoes	7	5	1
Melons : Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians & Hybrids of these, & Watermelons	7	5	3

ON BERRIES & GRAPES**KILLS:**

Aphids, Blueberry Maggots, Fruitworms (Cherry, Cranberry & Raspberry Fruitworms),
Grape Berry Moths, Grape Leafrollers, Leafhoppers, Strawberry Leafrollers,
Thrips & Two-Spotted Spider Mites

BERRIES & GRAPES	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS BETWEEN LAST APPLICATION & HARVEST
Blueberry	14	2	7
(CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	14	5	7
Grapes	7	5	28
Strawberries	7	3	5

OUTDOOR NUISANCE PESTS AROUND THE HOME**KILLS:****INSECTS, MITES, AND TICKS**

Ants, Boxelder Bugs, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas,
Fire Ants*, Millipedes, Scorpions, Sowbugs (Pillbugs), Spiders (including Black Widow
Spiders), Springtails (Collembola) & Ticks (including ticks that may transmit Lyme
Disease).

HOW & WHEN TO APPLY

[For product packaged in a canister (shaker can) omit the text in brackets below.]

- Apply when air is calm to avoid drift and contact with eyes and skin.
- [Use a dust applicator such as a shaker can, bulbous duster or rotary duster.] Dust lightly to cover soil surface with a thin, even film of dust.

Foundation Treatment

To keep pests/insects/bugs from entering the house, treat a 2-ft band of soil around the house next to the foundation. Use 8 oz (½ lb) / 100 sq ft (2 ft X 50 ft).
If necessary, apply every 3 weeks.

Tick Control

To kill ticks including those that transmit Lyme Disease, start applying in late spring or early summer (May/June). Treat shrub-beds, around ornamentals, weeded areas and around

outside perimeters of homes/buildings where exposure to ticks may occur. Apply every 3 to 4 weeks until late fall, since ticks may be reintroduced from surrounding areas by animals.

FIRE ANT MOUNDS

To help the control of fire ants in home lawns and in other home outdoor recreation areas, apply 10 oz. over and 2 ft. around each fire ant mound. Immediately after application, water thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants, cause them to leave, and reduce the product's effectiveness. A minimum of one gallon of water should be applied to each mound area. Reapply as necessary.

Note: For best results, apply in cool weather, 65 - 80°F, or in early morning or evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

DISPOSAL: To avoid harming aquatic organisms in rivers and other surface waters, do not pour this product or rinse water into sanitary drains (for example, toilets, floor drains, and sinks) or into storm water sewers (for example, street drains). Do not reuse container. Securely wrap partially filled or empty container in newspaper and put in trash.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

People and pets may enter treated area after dust has settled.

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Physician: This product is an organophosphate insecticide. 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. Do not apply directly to any body of water. ~~To avoid harming aquatic organisms in rivers and other surface waters, do not pour this product or rinse water into sanitary drains (for example, toilets, floor drains, and sinks) or into storm water sewers (for example, street drains).~~ Do not contaminate ornamental fish ponds. This product is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment area.

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Novartis Crop Protection, Inc.
Turf and Ornamental Products
Greensboro, North Carolina 27419

NCP

June 23, 1998
initial proposed
label
July 24, 1998
revised to add
"home" to Garden
Use Only on front
panel, revised max.
no. of apps for
onions from 5 to 3,
moved aquatic
hazard statement
from Env. Hazards
to Storage &
Disposal, deleted
"wooded areas",
other marked
editorial changes.