

100-926

03/27/2001

1/13



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Carolyn Brinkley
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

MAR 27 2001

Dear Ms. Brinkley:

Subject: Amendment - Comply with 12/5/2000 Diazinon MOA and
Update First Aid per PR Notice 2001-1
D.z.n diazinon Garden Insect Dust
EPA Registration Number 100-926
Your submission dated March 7, 2001
and your FAXs of March 22 and March 27, 2001

The amendment referred to above, submitted in connection with 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 product 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 labeling:
 - a. In the Hazards to Humans and Domestic Animals text, add "and before smoking or eating" after "Wash thoroughly with soap and water after handling". Also, add as the last sentence of this same section "Food utensils such as measuring cups must not be used 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.
4. In accordance with the December 5, 2000 Memorandum of Agreement between the Environmental Protection Agency and Syngenta Crop Protection, Inc. and Makhteshim Chemical Works, Ltd., regarding the registration of pesticide products containing diazinon:
 - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.

2/13

- b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
- c. You may not sell or distribute this product after August 31, 2003.
- d. The registration for this product shall expire and be canceled on December 31, 2004.
- e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

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 Branch
Registration Division (7505C)

3/13

D:z:n® diazinon Garden Insect Dust

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

**FOR OUTDOOR USE
ON THE HOME GARDEN ONLY**

ON THE HOME GARDEN:

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 [YOUR/THE] HOUSE FOUNDATION:

Kills Outdoor Nuisance Pests

Also kills ticks which may transmit Lyme disease

Kills Garden and Outdoor Nuisance Pests

Active Ingredient:

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

Other Ingredients: 98.0%

Total: 100.0%

EPA Reg. No. 100-926

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

[canister] See back panel for additional precautionary statements.

**ONE POUND
NET WEIGHT**

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 27 2001**

Under the Federal Insecticide,
Fungicide, and Herbicide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-926

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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 may transmit Lyme Disease, Whiteflies, and other garden and nuisance pests listed in the directions for use.

HELPS TO CONTROL:

Fire Ants

WHERE TO USE:

- On Roses, Flowers, Shrubs, Vegetables and Small Fruits
 - Around the House Foundation
 - Fire Ant Mounds
-

-4-

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Repackaging and reformulation of this product are prohibited.

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, and Wireworms
(When treating for wireworms on beans, use only on snap beans.)

PLANTS/VEGETABLES

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

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

WHEN TO APPLY/AMOUNT TO USE

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

Pests	Amount	When to Apply to Soil
Cutworms, Wireworms, Root Maggots	1 lb. (16 oz.)/220 sq. ft.	Just before planting vegetables
Mole Crickets	12.5 oz./500 sq. ft.	1-2 days before planting vegetables

ON ORNAMENTALS, VEGETABLES, AND 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, AND SHRUBS**KILLS:**

Aphids, Apple and 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 (Cottoncushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Thrips, Webworms (Cotoneaster, Fall, Juniper, Mimosa), and 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, and Yew. (DO NOT use on Ferns, Poinsettia, Hibiscus, Pilea, Gardenia, or Orchids since plant injury may occur.)

ON VEGETABLES AND 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, and Thrips

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

Vegetables and Melons	Days to Wait Between Applications	Applications Per Season (maximum)	Days to Wait Between Last Application and Harvest
Beans* (Lima, Pole, and 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 and 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	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 and Winter)	7	5	14
Tomatoes	7	5	1
Turnips	7	5	14
Melons : Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and Hybrids of these, and 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).

ON BERRIES AND GRAPES

KILLS:

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

Berries and Grapes	Days to Wait Between Applications	Applications Per Season (maximum)	Days to Wait Between Last Application and 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), and Ticks (including ticks that may transmit Lyme Disease).

*Aids in [Helps to] Control

HOW AND 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

-9-

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. (0.5 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, and around outside perimeters of homes where exposure to ticks may occur. Apply every 3-4 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 in 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 gal. 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. Do not store near food or feed products.

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 cleanup immediately. Take special care to avoid contamination of equipment and facilities during cleanup 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 AND 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. May cause contact sensitization following repeated contact with skin of sensitive individuals. If sensitization reactions result, contact a physician.

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

FIRST AID	
This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have a person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an or convulsing person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
In the event of a major fire, spill, or other emergency call 1-800-888-8372 day or night.	
NOTE TO PHYSICIAN	
This product contains, diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered 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. 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.

D-z-n® trademark of Syngenta

©2001 Syngenta

Syngenta Crop Protection, Inc.
Turf and Ornamental Products
Greensboro, North Carolina 27409

NCP 926A-L1A 0101