



034911-00014-061699

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Systems Integration Group, Inc.

JUN 16 1999

Hi-Yield Chemical Company
c/o Mr. Michael Jackson
Brazos Associates, Inc.
P.O. Box 703524
Dallas, TX 75370-3524

Dear Mr. Jackson:

Subject: Amendments - Add uses to match Novartis'
Diazinon dust label, and
Update Confidential Statement of Formula
Hi-Yield Diazinon Dust
EPA Registration Number 34911-14
Your submission dated May 5, 1999

The amendments referred to above, submitted in connection with registration 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 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) On the front panel, revise the first claim to read:
"For Outdoor Use On Home Gardens Only".
 - b) In the listing of pests on Ornamentals, correct "Hemlock Cherries" to "Hemlock Chermes", correct "European Rod" to "European Red", and correct "Two-spoiled Spider Mites" to "Two-spotted Spider Mites".
 - c) In the Vegetable and Melons application table, in the entry for Beans correct "Polo" to "Pole".
 - d) In the paragraph on Tick Control, add "may" before "transmit 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.

The updated Basic Confidential Statement of Formula (CSF) dated May 5, 1999 has been added to this product's registration file as the current formula of record..

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide/Rodenticide Branch
Registration Division (7505C)

[FRONT LABEL PANEL]

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

JUN 16 1999

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

34911-14

Hi-Yield®

**Diazinon
Dust**

- For Outdoor Use On Home Gardens
- Controls Listed Insects on Vegetables, Fruits and Ornamentals
 - Kills Ticks Which May Transmit Lyme Disease
- Use On Roses, Flowers, Shrubs, Vegetables & Small Fruits
- Kills Aphids, Armyworms, Colorado Potato Beetles, Cucumber Beetles, Cutworms, Flea Beetles, Mites and Other Listed Pests

Active Ingredient:

Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 2.00%

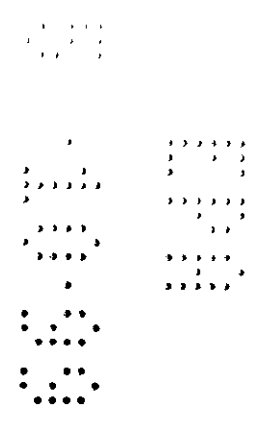
Inert Ingredients: 98.00%

Total: 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (back/side) panel for additional precautionary statements



[BACK/SIDE LABEL PANEL]

Hi-Yield® Diazinon 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.

Hi-Yield® Diazinon 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

DIRECTIONS FOR USE

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

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

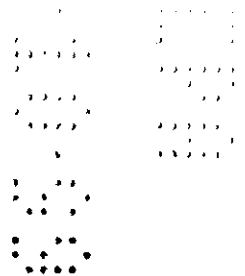
Beans* (Lima, Pole, and Snap) Beets (Red), Cabbage, Carrots, Corn (Sweet), Lettuce, Peas*, Radishes, Rutabagas, Tomatoes, and Turnips.

*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:



[BACK/SIDE LABEL PANEL]

- 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.

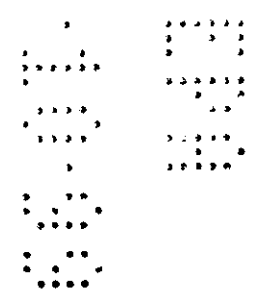
On Ornamentals including Roses, Flowers, and Shrubs

KILLS:

Aphids, Apple and Thorn Skeletonizers, Bagworms, European Pine Sawfly, European Pine Shoot Moths, Flea Beetles, Holly Bud Moths, Hemlock Woolly Adelgid (Hemlock Cherries), Leafrollers (Obliquebanded), Leafhoppers, Dipterous Leafminers (Arborvitae, Azalea, Boxwood, Holly), Mealybugs, Mites (Carnation Bud, Carnation Shoot, Clover, Cyclamen, European Rod, Privet, Two-spoiled 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), and Whiteflies.

ORNAMENTAL PLANTS

Arborvitae, Azaleas, Boxwood, Carnellias, Carnations, Chrysanthemums, Euonymus, Gladioli, Hawthorn, Holly, Honeysuckle, Juniper, Lilac, 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).



[BACK/SIDE LABEL PANEL]

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, Polo, 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 & 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

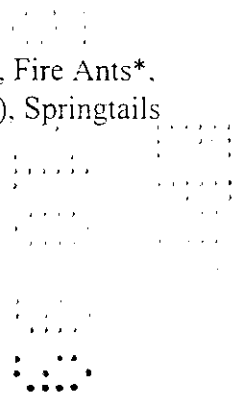
OUTDOOR NUISANCE PESTS AROUND THE HOME

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.



[BACK/SIDE LABEL PANEL]

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. (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

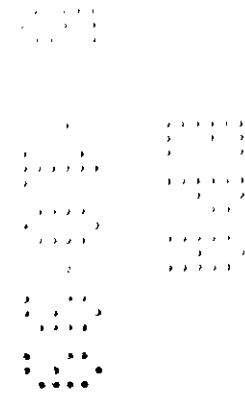
To help the control of fire ants in home lawns and in other home outdoor recreation areas, apply 10 oz. over and 2 ft. around each fire ant mound. Immediately after application, water in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants, cause 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.

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.



[BACK/SIDE LABEL PANEL]

**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. 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.

STATEMENT OF PRACTICAL TREATMENT

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. 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.

HI-YIELD® CHEMICAL COMPANY
HWY. 82 WEST
BONHAM, TEXAS 75418

EPA Registration No. 34911-14
EPA Establishment No. 7401-TX -1

NET WT. _____ LBS.

