

LABEL: SUDBURY LABORATORY, DIAZINON

IMMEDIATE CONTAINER - GLASS VIAL

ACCEPTED
with COMMENTS
EPA Letter Dated:

OCT 4 1982

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

731-32

TYPE SIZE(pt.)

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SUDBURY
DIAZINON^R INSECT SPRAY

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ACTIVE INGREDIENTS

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O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)

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phosphorothioate.....25%; Aromatic Petroleum

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Derivative solvent.....57%

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EPA Reg. No. XXXX

EPA Est. No. 731-MA-1

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WARNING : KEEP OUT OF REACH OF CHILDREN

See back of outer package for additional
precautions.

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Net Contents: .08 oz.)

731-32

BEST DOCUMENT AVAILABLE

LABEL: SUDBURY LABORATORY, DIAZINON

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OUTSIDE CONTAINER - BLISTER CARD
FRONT PANEL

OCT 4 1982

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

731-32

LOCATION TYPE SIZE(pt)

1. 10 NEW PACKAGE
10 UNI-SPRAY™
10 Pre-measured treatments
10 use one bottle each time you
10 spray

2. 24 O SUDBURY
32 DIAZINON^R
20 liquid concentrate
20 Insect spray

3. 12 Prevents and controls damage
12 caused by most common
12 insects*

-ARTWORK-

4. 8 ACTIVE INGREDIENTS:
8 O,O-diethyl O-(2-isopropyl-6-methyl-4-
8 pyrimidinyl) phosphorothioate 25%
8 Aromatic Petroleum Derivative Solvent ... 57%
8 INERT INGREDIENTS 19.3%

6 DIAZINON^R is a registered trademark of
6 CIBA-GEIGY CORPORATION

10 KEEP OUT OF REACH OF CHILDREN
14 WARNING
10 See back for additional precautions

5. 10 Each Uni-Spray™ bottle dilutes to
10 make ½ gallon of spray, enough
10 for 1 average application.*

6. 10 No measuring
10 Accurate and
10 Easy to use

7. 10 Mix exactly what you need

8. 10 Convenient
10 No Storage of
10 partially used
10 bottles

9. 8 * Refer to back for complete
8 use directions
8 Remove bottles as needed
8 from back.

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731-524

[illegible]

SECRET

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Hazards to Humans and Domestic Animals

WARNING

Do not use in home. Keep out of reach of children ~~and domestic animals~~. May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto the sprayed grass until the spray has completely dried. ~~Keep out of reach of children and domestic animals.~~

STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water.
Call a physician immediately.

Note to Physician: Gastric Lavage is indicated. If Symptoms of Cholinesterase inhibition are present Atropine sulfate is antidotal. 2-pam is also antidotal and may be used in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams and ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining in the treated areas. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated areas. Applications should be timed to provide maximum possible interval between treatment and the next period of bee activity.

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731-32

OUTSIDE CONTAINER
BACK PANEL (continued)

LOCATION TYPE SIZE

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PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

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

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STORAGE AND DISPOSAL
Do not reuse empty container bottle. Wrap container and
put in trash collection.
Use any clean sprayer. Spray with a medium to fine mist
for thorough coverage. Flush sprayer with clean
water after each use. Spray only as directed. Make
applications when insects first appear.

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VEGETABLES: Foliar application for the listed crops
and insects. Mix one Uni-Spray bottle of Sudbury
Diazinon in 1 qt. (32oz.) of water
to cover approximately 80 sq. ft.. Generally, applications
at 7 to 10 day intervals may be required. Do not feed
treated vines to livestock.

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CROP INSECT
Beans, Aphids, Cucumber beetles, Grasshoppers,
Peas Mexican Bean Beetles Mites

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Broccoli, Aphids, Diamondback Moths, Flea Beetles,
Cabbage, Imported Cabbageworms Dipterous Leafminers.
Cauliflower,
Collards, Kale
Radishes
Turnips

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Carrots, Aphids Flea Beetles Leafhoppers Dipterous
Celery Leafminers, Mites.
Endive, Lettuce
Parsnips, Spinach

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Cantaloupes Aphids, Thrips, Mites
Cucumbers
Muskmelons
Squash (summer, winter)
Watermelon

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Peppers, Aphids, Colorado Potato Beetles, Flea Beetles, Armyworms
Potatoes, (tomato) Flea Beetles Leafhoppers, Southern
Tomatoes Armyworms (potato and tomato) Vinegar
Flies (Drosophila spp [tomato])

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731-32

LABEL: SUDBURY LABORATORY, DIAZINON

OUTSIDE CONTAINER
BACK PANEL (continued)

LOCATION	TYPE	SIZE
11.	7	Onions Onion Thrips
	7	Sweet Corn Aphids, Flea Beetles, Grasshoppers, Hites
	8/7	VEGETABLES: Preplant soil application. Mix one Uni-Spray bottle of Sudbury Diazinon in water as specified below.
	7	Cabbage, Carrots Cutworms (Surface, Subterranean)
	7	Corn, Lettuce 1 bottle per 14 Sq. Ft. in sufficient
	7	Peas, Pole Beans water to achieve thorough coverage. Apply
	7	Radishes, Red beets, broadcast just before planting. Immediately
	7	Snap Beans, Tomatoes work into soil 2-3 inches for Surface
	7	Turnips Cutworms, 3-6 inches for Subterranean
	7	Cutworms.

Garden Symphylans (Garden Centipedes)
1 bottle per 6 sq. ft. in sufficient
water to achieve thorough coverage.
Apply broadcast just before planting.
Immediately work into soil 4-8 inches.

Mole Crickets: Carrots, Corn, Peas, Pole
Beans, Red Beets and Snap Beans only.
1 bottle per 55 sq. ft. in sufficient
water to achieve thorough coverage.
Apply broadcast just before planting.
Apply 1-2 days before sowing or
transplanting. Immediately work into soil
1-2 inches.

Root Maggots: Cabbage only
1 bottle per 18 sq. ft. in sufficient
water to achieve thorough coverage.
Apply broadcast just before planting.
Immediately work into soil 3-4 inches
before seeding either in seed bed or in
field or before transplanting.

Wireworms: Cabbage, Carrots, Corn, Lettuce,
Peas, Snap Beans, and Tomatoes only.
1 bottle per 14 sq. ft. in sufficient
water to achieve thorough coverage.
Apply broadcast just before planting.
Immediately work into soil 4-8 inches.

After spraying, do not pick vegetables with:

- 1 day - Peas, Tomatoes, Sweet Corn
- 3 days - Cantaloupes, Muskmelons, Winter Squash, Watermelons.
- 5 days - Broccoli, Cauliflower, Peppers
- 7 days - Beans, Cabbage, Cucumbers, Summer Squash

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731-33

OUTSIDE CONTAINER
BACK PANEL (continued)

LOCATION

TYPE SIZE

7	10 days -	Carrots, Celery, Collards, Endive, Kale, Lettuce
7		Onions, Parsnips, Radishes, Spinach, Turnips.
7	35 days -	Potatoes
8	TREES & SHRUBS	Wet leaves and branches to the dripping point. Try to penetrate dense foliage.
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7	Arborvitae, Azalea,	Aphids, Bagworms, European Pine Shoot Moths,
7	Birch, Boxwood, Camellia,	Holly Bud Moths, Dipterous Leafminers
7	Douglas Fir, Elm,	(Arborvitae, Azalea, Birch, Boxwood, Holly,
7	Hawthorn, Holly	Oak), Leafhoppers, Mealybugs, Mites (Clover,
7	Juniper, Lilac, Locust	Cyclamen, European Red, Privet, Twospotted
7	Maple, Mimosa Oak, Pine,	Spider), Obscure Root Weevils, Omnivorous
7	Plum Poplar, Rhododen-	Leaf tiers, Scale Crawlers (Cottoncushion,
7	dron, Spruce Willow	Euonymus, Lecanium, Pine Needle, Pit Scale,
7		San Jose Soft)
7		1 bottle in 1 qt. (32 oz.)
7		Webworms (Juniper, Mimosa*), Whiteflies
7		1 bottle in 1 qt. (32 oz.) of water. Apply
7		as a thorough foliar spray.
7		*Mimosa Webworms. Apply as a thorough
7		foliar spray when adults first appear.
7		Make two additional application at 4-5
7		week intervals.
7		Apple-and-Thorn Skeletonizers, Hemlock
7		Chermes, Oak Loopers, Obliquebanded
7		Leafrollers, Pear Slugs, Tent Caterpillars,
7		Webworms (Cotoneaster, Fall)
7		1 bottle in 10 oz. of water. Apply
7		as a thorough foliar spray.
8	ROSES & FLOWERS	Wet the plants to the dripping point.
7		Try to hit underside of leaves and
7		penetrate dense foliage.
7	Azaleas, Camellias	Aphids, Euonymus Scale Crawlers, Flea
7	Chrysanthemums,	Beetles, Dipterous Leafminers, Leafhoppers,
7	Carnations, Gladioli,	Mealybugs, Mites (Carnation Bud Carnation
7	Lilac, Rhododendron,	Shoot, Cyclamen, European Red, Twospotted
7	Roses.	Spider), Thrips, Whiteflies.
7		1 Bottle in 1 quart (32 oz.)

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731-33

OUTSIDE CONTAINER
BACK PANEL (continued)

LOCATION

TYPE SIZE

12. 8 LIMITED WARRANTY

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Buyer assumes all risks of use, storage
and handling of this material not in
strict accordance with directions.

13. 8 EPA Reg. No. XXXXX

EPA Est. No. 731-MA

14. 8 SUDBURY LABORATORY, INC.

8

572 DUTTON ROAD

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SUDBURY, MASSACHUSETTS

01776

15. 7 Net Contents: 8 bottles, .08 fl. oz. each.

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DRP
10/14/82

OCT 4 1982

731-32

Until Reregistration.

Diazinon Liquid Concentrate
Insect Spray

Sudbury Laboratory, Inc.
572 Dutton Road
Sudbury, MA 01776

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.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 731-32."
 - b. "Diazinon" is now the accepted primary name to be followed by the chemical name in brackets or footnoted to the chemical name.
 - c. Revise the declaration to Diazinon 25% Aromatic Petroleum derivative 55.7% and inert ingredients 19.3% to match the declaration of your supplier. It is understood that the inert ingredients declaration may not appear on the small vial label because of space limitations.
 - d. Please refer to the enclosed type size guide for assistance in selecting the correct print size for the front panel signal word, child hazard warning, and the heading "Storage and Disposal."

BEST DOCUMENT AVAILABLE

731-32

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- e. Revise item Location 3 front panel to read, "Prevents and controls damage to yard and garden plants caused by many common insects as listed".
 - f. Revise item Location 5 front panel from 1/4 gallon to one quart.
 - g. Revise item 9 front panel to read "Refer to back for complete list of pests controlled and use directions."
 - h. Add "and before smoking or eating" to "Wash thoroughly after handling."
 - i. Revise "sprayed grass" to "treated areas" in the Hazards to Humans & Domestic Animals text since lawn treatment is not intended.
 - j. Revise the second sentence of the Environmental Hazards to read, "Birds feeding on treated areas may be killed."
 - k. Add the missing commas between the crops and insect pests listed in the "Directions for Use" text.
 - l. Specify a recommended volume rather than "in sufficient water to achieve thorough coverage" for the vegetable preplant soil application directions.
3. Submit five (5) 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosures

P.S. at the next label printing please relocate the pre-harvest interval recommendations to appear directly after the foliage application directions, rather than after the pre-plant soil application directions. Also, in the pre-harvest recommendations change "with to within".

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