

PM 2:15
267304

Ms. R. Claire Bousquet
THE SPECTRUM GROUP
Division of United Industries
P.O. Box 15842
St. Louis, MO 63114

JUL 16 1990

Subject: Amendment - Revise per Diazinon Registration Standard
and the Agency's May 1, 1990 Data Call-In letter
to reflect only those uses supported by Ciba-Geigy
Spectracide Lawn & Garden Insect Control
EPA Reg. No. 8845-92
Your submission dated June 4, 1990

Dear Ms. Bousquet:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided the following revision is made prior to release for shipment under the amended labeling:

For the container label:

- 1) In the "Insects" listing for the site "Trees & Shrubs", add a comma after "Oak)" in the listing of dipterous leafminer types, and correct the spelling of "Euonymus" in the scale crawlers listing.
- 2) In the "Insects" listing for the site "Roses & Flowers", correct the spelling of "Euonymus Scale".

For the product booklet:

- 1) In the newly revised directions for "Nuisance Pests in Outside Areas", delete "and ceilings" from "porch and patio walls and ceilings. Such use, especially if applied to runoff, could result in pesticide "raining" down on the applicator and into the eyes (even behind the recommended safety glasses), an especially inadvisable situation for a pesticide which can cause "substantial but temporary eye damage".
- 2) In the "Insects" listing for the site "Trees & Shrubs", correct the spelling of "Euonymus" in the scale crawlers listing.

- 3) In the "Insects" listing for the site "Roses & Flowers", correct the spelling of "Euonymus Scale".
- 4) For the crop "Caneberries", delete the second "Fruitworms" of "Raspberry Fruitworms" and revise "Mites" to "Spider Mites".
- 5) For the crop "Nectarines", delete the comma between "Twospotted" and "Spider" in the listing of mites controlled.
- 5) For the crop "Peaches", delete the comma between "Twospotted" and "Spider" in the listing of mites controlled.
- 6) For the crop "Strawberries", revise "Mites" to "Spider Mites".
- 7) In the "Pre-Harvest Intervals" table on page 8, it might be clearer if the listing of types or varieties followed the broader character name separated by a colon rather than a semicolon, i.e., "Beans: Lima, Pole & Snap [note addition of a comma between "Lima" and "Pole"], "Beets: Red (Table)", and "Onions: Bulb & Green". Likewise, the same use of a colon could be used in the similar listings under the column "Crop" of the "Vegetable Crops" directions for the crops beans, beets, onions, and squash (both types).
- 8) For the crop "Beans", revise the pest name "Mites" to "Spider Mites".
- 9) For the crops "Beans" and "Beets", relocate the "1/2" up to the previous line of the Rate column in each of the five locations where it appears so that the number appears as "1 1/2" (if you elect to keep the same column width for these two crops). If you change the column width for these two crops to match that used for the other vegetable crops, then the line will appear as "of 1 1/2 gals.", which is also acceptable.
- 10) For the crop "Cabbage", use a lower case "s" for "subterranean".

A stamped copy of the label is enclosed for your records. Please submit five (5) copies of the revised amended label prior to release for shipment under the amended label. Please refer to the Diazinon Registration Standard, as amended, for release for shipment and channels of trade dates for diazinon products bearing appropriately amended labels.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 16 1990

Product Label

EPA Reg. No. 6845-92
Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

Precautionary Statements

**Hazards to Humans and Domestic Animals
WARNING**

May be fatal if swallowed or absorbed through skin. Avoid breathing spray mist. Causes substantial but temporary eye damage. Do not get into eyes, on skin or clothing. Wear goggles or safety glasses. Avoid contact with eyes and skin. Wash thoroughly if on skin and after handling. Do not use in the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto treated areas, such as grass or soil until the spray has dried. Do not contaminate ornamental fish ponds. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

Statement of Practical Treatment

If swallowed: Call a physician immediately. Do not induce vomiting unless no other treatment is available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **If inhaled:** Remove victim to fresh air and apply artificial respiration if indicated. **If on skin:** Wash promptly with soap and water. Rinse thoroughly. **If in eyes:** Rinse eyes with plenty of water and call a physician immediately. **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. This product contains a xylene range aromatic solvent which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

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 certain 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. Application rates above

Spectracide Lawn & Garden Insect Control CONCENTRATE

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

**PROTECTS: Lawns, Vegetables,
Fruits & Nuts, Roses,
Flowers, Trees, Shrubs**

**CONTROLS: Ants, Aphids, Chinch
Bugs, Cutworms, Fire Ants*,
Flea Beetles, Grubs, Mites,
Sod Webworms and many others**

*Aids in control

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	25.0%
Inert Ingredients **:	75.0%
Total:	100.0%

** Contains xylene range aromatic solvent

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See back panel for additional precautionary statements. See full label in booklet attached to bottle.

Net Weight 32 fl. oz.

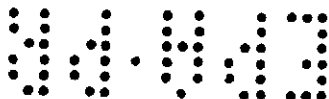
those recommended significant hazards to birds and waterfowl spray. Where irrigation (water) the directions or if waterfowl, expected in the treated area (treatment), apply a minimum immediately after applying this before puddling occurs. Keep ponds, tidal marshes and estuaries to water or wetlands (swamps, potholes). Runoff may be hazardous in neighboring areas. Shrimp application rates recommended apply where fish, shrimp, crabs important resources. Do not cleaning of equipment or disperse waters.

This pesticide is highly toxic to treatment or to residues on blooms. Do not apply this pesticide or alkali crops or weeds if bees are visible. Applications should be timed at possible interval between treatments to avoid bee activity.

Physical or Chemical
Do not use, pour, spill or store

Storage and Disposal
Storage: Do not store near heat or original container in an area inaccessible to pets. Use contents within 6 months.
Disposal: Do not reuse empty container, securely wrap it in plastic and discard in trash. If disposal is necessary, make sure cap is wrapped in plastic and wrap the container in several layers of plastic and discard in trash.

Directions for Use
It is a violation of federal law to use this product in a manner inconsistent with its label. Spectracide Lawn & Garden Insect Control emulsifiable concentrate product must be mixed with water before application. Mix and Apply. This product



which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits & nuts, and insects which annoy pets and people. Contains diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Spectracide Lawn & Garden Insect Control works fast and applications should be repeated only as directed to maintain control.

Notes: *1) Use contents within 6 month after opening. See "Storage and Disposal" directions. *2) Do not use in the home. *3) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. *4) Do not use on commercially-grown potatoes which will be hand-harvested. *5) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.

Precautions: *1) Wear long sleeved shirt and long-legged pants when spraying. *2) Spray with the wind to your back. *3) Do not spray on windy days. *4) If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

HOW TO MIX AND APPLY:

Step *1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Applications should be repeated only as directed to maintain control.

Step *2: Use clean sprayer. Carefully measure and mix the amount of concentrate and water as suggested in the rate chart.

Step *3: Spray as directed in rate chart. Thorough coverage is important. Flush sprayer with clean water after each use.

See chart for complete insect list. Use rates shown unless otherwise indicated.

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 tsp. or 2 tbsp.

6 fl. oz. = 3/4 cup

2 tablespoons in 3 gals. of water = 2 teaspoons in 1 gal. of water or 6 fl. oz. in 18 gals. of water

See Booklet Attached to Bottle for Complete Directions on How to Apply and Use.

Problem Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Lawn Pest Control*** Chinch Bugs	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. In the North, if Chinch Bugs are the only problem, a lower rate of application can be used: 3 teaspoons in 3 gals. of water covers 125 sq. ft. or 4 fl. ozs. in 24 gals. of water per 1,000 sq. ft.
Ants, Armyworms, Bermudagrass Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Springtails (Collembola)	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. For ants and digger wasps, spot spray ant hills and wasp ground nest openings. For digger wasps, apply at dusk when wasps are not active. For frit flies, mow grass and water well before treatment, but delay application until grass is dry. Billbugs control, apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect.
Brown Dog Ticks, Chiggers, Fleas	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Note: Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
White Grubs of Japanese Beetle, European Chafer, Southern Chafer	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Water grass thoroughly after application. Apply any time between late July and early October.

***Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustine grass.



Problems Areas	Insects	Rate	Timing / Special Directions
Trees & Shrubs Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak) Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Twospotted Spider), Obscure Root Weevils, Omnivorous Leaf-tiers, Scale Crawlers (Cottonycushion, Eynonymous, Lecanium, Pine Needle, Pk Scale, San Jose, Soft)	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
Rose & Flowers Azaleas, Camellias, Carnations, Chrysanthemums, Gladioli, Lilac, Rhododendron, Roses	Aphids, Eynonymous Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Twospotted Spider), Thrips, Whiteflies	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.

For control of specific pests on fruits, nuts and vegetables see complete instructions given in the accompanying booklet.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

IMPORTANT CONSUMER INFORMATION: If you have any questions or comments about this product, please call us Toll Free at 800-332-5553, Weekdays 9:00 A.M. - 5:00 P.M., Central Time.

Manufactured in the U.S.A. for:
 Spectrum Group
 Division of United Industries Corp.
 St. Louis, MO 63114

EPA Reg. No. 8845-92
 EPA Est. No.

