

7 NOV 1984

300/130389  
17 / 3

Christopher L. Dozier  
Puregro Company  
1276 Halyard Drive  
West Sacramento, CA 95691

Dear Mr. Dozier:

Subject: General Label Update - PUREGRO Diazinon 40 WP  
EPA Registration No. 1202-263  
Your Application Dated September 11, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next label printing, make the following revisions to the label.

1. In the note to physician we question the necessity of a gastric lavage for ingestion of this product since no petroleum solvents are present. This should be deleted. Also in this section the use of atropine should be clarified to indicate its use only when signs of cholinesterase inhibition are present.
2. In the environmental hazards paragraph delete the endangered species section as the Agency has no basis for requiring these statements.
3. In the storage and disposal recommendations delete "Sweep up and dispose of in a permitted disposal facility." Instead a statement should be made to refer to the pesticide disposal section for disposal.

Sincerely yours,

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

1202-263-PP-120225/84:Del.11/5/84

*Handwritten signature/initials*

OFFICIAL FILE COPY

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### WARNING

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

#### Statement of Practical Treatment

If swallowed, call a physician or Poison Control Center immediately, drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

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 with plenty of water and call a physician immediately.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

### LOS ANGELES POISON CONTROL CENTER (213) 664-2121 ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency for information pertaining to areas having threatened endangered species. Apply this product only as specified on this label.

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

In case of spill or accident, call CHEMTREC (800) 424-9300 day or night for assistance.

## DIRECTIONS FOR USE

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

### REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until dusts have settled.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

**"WARNING"** Area to be treated with diazinon on (date of application). Do not enter without appropriate protective clothing until dusts have settled. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid and medical attention recommendations.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE** Store only in original container in locked storage area. If a spill occurs, sweep up and dispose of in a permitted disposal facility. Avoid cross-contamination with other pesticides and fertilizers during handling and storage. Do not store near heat or open flame. Not for Use or Storage in or Around the Home.

#### PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER DISPOSAL

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if not allowed by State and local authorities, by burning. If burned, stay out of smoke.

# PUREGRO DIAZINON 40 WP

#### ACTIVE INGREDIENT

O,O-dimethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate

#### INERT INGREDIENTS

EPA REG. NO. 1202-263-AA

E.P.A. Est. No.

## KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUCIONAL AL USUARIO: Si usted no lee ingles, no hasta que la etiqueta le haya sido explicada ampliamente.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONS

#### DIRECTIONS FOR USE

Mix with sufficient water (unless otherwise noted) to obtain thorough coverage. Pests first appear and repeat as necessary to maintain control. May be applied with airplane application equipment. For aerial application, do not exceed 1.5 lbs. per 100 gallons of water on vegetable and field crops; 7 gals. of water on 500 sq. ft. of water on tree crops; 10 gals. of water on citrus. Observe days interval between applications and harvest indicated by number in ( ) following crop.

**ALMONDS (0)** Mites, Twig Borers — Use 1½ to 1¾ pounds per 100 gallons of water. **Panama and San Jose Scales** — Mix 1½ to 1¾ pounds with 1½ to 3 gals. per 100 gallons of water and apply as a dormant spray. Hulls may be treated at 15 pounds per acre.

**APPLES, PEARS (14)** San Jose Scales, Mealybugs, European Red Mite, Pear Leaf Blister Mite, Apple Aphid Eggs — Mix 1½ pound with 2 gals. of water. Apply as a dormant or a delayed dormant spray. **Moths, Fruit Tree Leafrollers, Tentiform Caterpillars, Mealybugs, Codling Moths (Rusy Apple, Green Apple, and Woolly Apple) and Mites** — Use 1½ pounds per 100 gallons of water. Make 3 to 8 cover spray applications to control Tentiform Leafroller. **San Jose Scale Crawlers, and Forbes Scale Crawlers** — Use 1½ pounds per 100 gallons of water. Apply early in the season when crawlers first appear. If necessary, repeat application in 7 to 10 days. Do not exceed 15 pounds per acre.

**APRICOTS (10), NECTARINES (10), PEACHES (20)** Scales (San Jose Scale, Walnut), and Apricot Mealybugs — Mix 1½ pounds with 1 to 2 gallons of water. Apply as a dormant spray. **Aphids, Brown Mites (Clover Mite), Spider Mites, Olive Scale Crawlers, and San Jose Crawlers** — Mix 1½ pounds per 100 gallons of water. Do not exceed 10 pounds per acre.

**APRICOTS (10) (only)** Mealybugs — Use 1½ pounds per 100 gallons of water. Apply as a cover spray from petal fall to June. Do not exceed 10 pounds per acre.

**NECTARINES (10) and PEACHES (20) (only)** Peach Twig Borers, and Oriental Fruit Moths — Use 1½ pounds plus 1 gallon of foliage spray oil per 100 gallons of water and a 1½ gallon of water. Use 1½ pounds per 100 gallons of water and a 1½ gallon of foliage spray oil per 100 gallons of water. Make 2 additional applications at 10 to 15 day intervals. Time the 3rd application to coincide with adult Oriental Fruit Moth flight, if possible. Do not exceed 10 pounds per acre.

Distributed  
By



PEACHES (20) (only): Peach Twig Borers — Mix 1½ pounds per 100 gallons of water and apply in May and June. Leafhoppers — Apply 1½ pounds per 100 gallons of water in 3 to 5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. White Peach Scale — As a post-harvest spray use 1½ to 2½ pounds per 100 gallons of water timed to coincide with peak crawler and immature scale activity. Do not apply more than twice. Do not exceed 10 pounds per acre.

CANE BERRIES (BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES) (7): Leafhoppers, Thrips, Aphids, Two-Spotted Mites, Raspberry Sawflies, and Raspberry Fruitworm — Use 1½ pounds per 100 gallons of water applying no more than 200 gallons of spray per acre, or apply 2½ pounds per acre in sufficient water to cover. To control Raspberry Fruitworm, make first application when blossom buds separate and repeat immediately before blossoms open. Dryberry Mites — Mix 2½ pounds in 100 gallons of water. Use as a dormant spray in early spring. Make no more than 2 applications before buds open. Raspberry Crown Borers (Raspberry Root Borers) — Use 5 pounds per 100 to 200 gallons of water and apply as a drench to the crown area and to the lower vines. Apply either in the spring before berries begin to form, or as a post-harvest spray.

CHERRIES (10): Brown Aintree Scales, San Jose Scales, Black Scales, Black Cherry Aphid Eggs, and Brown Mite Eggs — Mix 1½ pounds with 1 to 3 gallons of a dormant oil per 100 gallons of water. Apply as a dormant spray. Eye-Spotted Bud Moths, Fruit Tree Leafrollers, and Leafhoppers — Use 1½ pounds per 100 gallons of water. Begin treatment at petal fall. Do not make more than 5 applications. Black Cherry Aphids, Cherry Fruit Flies — Use ½ to 1½ pounds per 100 gallons of water. Make 3 to 4 applications, beginning when adult flies begin to emerge and repeat at 10 day intervals. San Jose Scale Crawlers — Use 1½ pounds per 100 gallons of water. Apply during the pre-pink stage or when crawlers first appear. Cherry Rust Mites — Use ½ to 1½ pounds per 100 gallons of water. Apply as a supplemental post-harvest spray. Do not exceed 10 pounds per acre.

CITRUS (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, LINGERINES, CITRUS KUMQUATS) (21): Citrus Aphids, Cottony-Cushion Scale Crawlers, Soft Scale Crawlers, and Fruit Tree Leafrollers — Use ½ to 1½ pounds in 100 gallons of water (maximum 1000 gallons per acre). Citrus Thrips — Use 1½ pounds in 100 gallons of water (maximum 1000 gallons per acre). Citrus Snow Scales — Use 1½ to 2½ pounds per 100 gallons of water (maximum 1000 gallons per acre) as a post-bloom spray and again as a summer spray. Use the higher dosage rate for heavy infestations. Thorough coverage of trunk, limbs, and twigs is essential for good control. Do not apply during bloom.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

FIGS (5): Vinegar Flies and Dried Fruit Beetles — Use 1½ pounds in 100 gallons of water. Do not exceed 5 pounds per acre.

NET WEIGHT

LBS

ORNAMENTAL INSECTS: On Arborvitae, Azalea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow — Apply the following recommended rates to control Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leafhoppers, Privet Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two-Spotted Mites, Webworms, and White-lies — Use ½ ounce per 3 gallons of water or 1½ pounds per 100 gallons of water. Apple and Thorn Skeletonizers, Coroneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblique-Banded Leafrollers, Pear Slugs, and Tent Caterpillars — Use 2 ounces per 3 gallons of water or 3½ pounds per 100 gallons of water. Mimosa Webworms — Mix ½ ounces in 3 gallons of water (or 1½ pounds in 100 gallons of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4 to 5 week intervals. Do not use on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

LAWN INSECTS: Lawn Chinch Bugs — Use 2½ to 3½ ounces, or 3¾ to 7½ ounces in 25 gallons of water per 1000 square feet. Use the higher rate for longer residual control, and in lawns of dense growth such as St. Augustine lawns. Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths) and Sowbugs — Apply 5 ounces in 3 gallons of water per 1000 square feet. Spot spray ant hills and wasp ground nest openings. For Lawn Billbugs, irrigate the lawn thoroughly immediately after treatment. For Frit Flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary. Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, and Ticks — Apply 1½ ounces in 3 gallons of water per 1000 square feet. Do not apply to animals. For Brown Dog Ticks, spray grass and under shrubbery, particularly near house. Millipedes — Use 10 ounces in 3 gallons of water. Rhodesgrass Scale — Use 6 ounces in 25 gallons of water per 1000 square feet. Apply when crawlers first emerge. For Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Collembola (Springtails) which are commonly found near the house and may enter the house, spray a foot band of soil around the house as well as the house foundation wall to a height of 2 to 3 feet. Repeat application if necessary. Boxelder Bugs — Spray bugs outside the home with 1½ to 3 ounces in 1 gallon of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

#### PUREGRO CONDITIONS OF SALE AND WARRANTY

PureGro Company warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label. PureGro makes no other warranty, express or implied, of fitness or merchantability nor authorizes any agent or representative to make any variation or exception from this warranty.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of PureGro Company. Buyer assumes all risk of use, storage, or handling of this material not in strict accordance with directions given herewith.

ORM-A

RQ DIAZINON  
MIXTURE NA2783

ACCEPTED  
with COMMENTS  
in EPA Field Office

1202-263