

BEST DOCUMENT AVAILABLE

CITRUS (Non-bearing Trees and Nursery Stock): 1/2 quart—citrus aphid. Do not apply to bearing trees or trees that will bear fruit within 12 months.

GRAPES: 1 quart—grape leafhopper, rose chafer. Do not use on Concord variety as injury is likely to occur. Do not apply within 7 days of harvest. Do not use over 3 quarts per acre.

PEACHES, NECTARINES, APRICOTS: 1 quart—controlling insects, green peach aphid, peach silver mite, peach tree borer (spray all bark areas from ground level to scaffold limb). Do not apply more than twice during fruiting season. Do not apply within 30 days of harvest. Do not exceed 8 quarts per acre.

PEARS: 1 quart—pear leaf blister mite (apply as a post-harvest or dormant treatment), coniferous stink bug, pear rust mite. Do not make more than 2 applications during fruiting period. Do not use within 7 days of harvest. Do not use over 3 quarts per acre.

PLUMS, PRUNES: 1 quart—hop aphid, leaf curl plum aphid, thistle aphid. Apply when eggs hatch during prebloom or petal fall. Summer application should be made before leaves curl. 4-5 quarts per acre—peach twig borer, plum nursery mite. Do not apply within 7 days of harvest. Do not exceed 5 quarts per acre.

STRAWBERRIES: 1 quart—cyclamen mite (apply 800 gallons per acre), 2-3 quarts per acre—meadow spittlebug, strawberry aphid, tarnished plant bug. Do not apply within 6 days of harvest. Do not reapply within 35 days when fruit is present.

WALNUTS: 3-4 quarts per acre, walnut aphid. Do not apply after husks split. Do not graze livestock in treated groves.

FEED FORAGE, VEGETABLE AND SEED CROPS

Rates given in quarts per acre. Aerially—use 50 gallons water per acre. Ground—use 10-100 gallons water per acre.

ARTICHOKES: 2 quarts—artichoke aphid, green peach aphid, artichoke plume moth. Do not apply within 7 days of harvest.

BEANS (Dry and Succulent): 1-2 quarts—bean aphid, bean leaf skeletonizer, cucumber beetle, green stink bug, Mexican bean beetle. Do not make more than 3 applications to the bean pod. Do not feed treated threshing to livestock or allow to graze in

treated fields. Do not use on lima beans as injury may occur. Do not apply within 3 days of harvest.

BROCCOLI, CABBAGE: 1-2 quarts—cabbage aphid, cabbage looper, cross-striped cabbageworm, diamond-back moth larvae, flea beetle, harlequin bug, imported cabbageworm, stink bug. Do not apply within 7 days of harvest.

CARROTS: 1-2 quarts—green peach aphid. Do not make more than 2 applications. Do not use top for food or feed. Do not apply within 7 days of harvest.

CAULIFLOWER, BRUSSELS SPROUTS: 1 1/2-2 quarts—for control of insects under broccoli, cabbage. Do not apply within 14 days of harvest. Do not repeat application within 14 days.

CELERY: 1-2 quarts—green peach aphid, cabbage looper. Do not make more than 3 applications. Do not apply within 6 days of harvest.

COLLARDS: 1-1 1/2 quarts—cabbage looper, diamond-back moth larvae, harlequin bug, imported cabbageworm. Do not apply more than once. Do not apply within 21 days of harvest.

CORN (SWEET): 3 quarts—corn leaf aphid, corn earworm (apply at 2-3 days intervals beginning when silks first appear and continue until they begin to dry). Do not apply more than 5 times. Do not apply to sweet corn for process. Do not feed treated forage or ensilage to livestock or allow to graze in treated fields.

COTTON: 2-3 quarts, boll weevil, bollworm, cabbage looper, lygus bug, stink bug. Do not apply after bolls open. 1 1/2 quarts for above insects. Do not graze meat or dairy animals in treated field.

CUCUMBERS, SQUASH (Summer and Winter) MELONS: 1-2 quarts—aphid, cucumber beetle, squash vine borer (apply weekly to flower buds, stems and vines, beginning when moths first appear), striped cabbage flea, melonworm, pickleworm, squash beetle, squash bug. Not time limitation.

EGGPLANTS: 1 quart, blister beetle, Colorado potato beetle, flea beetle, green peach aphid, green stink bug, whitefly. Do not apply within 1 day of harvest.

MAIZE: 3 pints—flea beetle, harlequin bug, imported cabbageworm. Do not apply more than once. Do not apply within 21 days of harvest.

LETTUCE (Head): 1 1/2-2 quarts—cabbage looper, diamond-back moth larvae, green peach aphid, imported cabbageworm. Do not make more than 3 applications after thinning. Do not apply within 14 days of harvest. Remove outer leaves at harvest. Do not feed crop waste to livestock.

PEPPERS: 1 quart—flea beetle, green peach aphid, hornworm, pepper maggot. Do not apply within 1 day of harvest. 2 quarts—flea beetle, green peach aphid, hornworm, pepper maggot. Do not apply within 4 days of harvest.

POTATOES: 1-2 quarts—aphids, armyworms, Colorado potato beetle, green stink bug, leaf-footed bug, plant bug, potato flea beetle, potato leaf hopper, potato tuberworm, whitefly. 1 1/2-2 quarts—European corn borer, potato psyllid. No time limitation. Do not plant root crops other than carrots, potatoes, and sweet potatoes as follow-up crops.

SMALL GRAINS (Barley, Oats, Rye, Wheat): 1 quart—army cutworm. Do not apply after head begins to form. Do not feed treated forage to dairy animals or animals being finished for slaughter. For aircraft applications use in 2 gals. diesel fuel oil per acre.

SPINACH: 3 pints—crown mite, green peach aphid. Do not apply more than once. Do not apply within 21 days of harvest.

SUGAR BEETS: 1-2 quarts—green peach aphid, meadow spittlebug. 1 1/2-2 quarts—sugar beet webworm. Do not feed treated tops to livestock. Do not apply within 30 days of harvest.

SUNFLOWER: Apply 2 to 4 pints per acre to control sunflower moth. Do not apply more than three times per season. Do not feed treated forage to livestock.

TOMATOES: 1-2 quarts—blister beetle, Colorado potato beetle, flea beetle, green peach aphid, tomato hornworm. 1 1/2-2 quarts—cabbage looper, stink bugs. 2 quarts—tomato fruitworm, yellow-striped armyworm. Do not apply within 1 day of harvest.

PUREGRO COMPANY

PUREGRO COMPANY's chemical description as stated on the label when used under normal conditions. Critical and unforeseen conditions prevent it from being the product. Such risks exist, and crops to which the product is applied are controlled by PUREGRO COMPANY. Such risks are reasonably foreseeable. The user assumes all such risks. PUREGRO COMPANY makes no other express or implied warranty, guarantee, or representation, express or implied, concerning this product, or product label, and denies any liability for any damage resulting from the use of PUREGRO COMPANY, or product label. The foregoing is void only by an agreement in writing signed by a representative of PUREGRO COMPANY.

Therefore, this warranty does not apply to the use of this product under conditions not reasonably foreseeable. The user assumes all such risks. PUREGRO COMPANY makes no other express or implied warranty, guarantee, or representation, express or implied, concerning this product, or product label, and denies any liability for any damage resulting from the use of PUREGRO COMPANY, or product label. The foregoing is void only by an agreement in writing signed by a representative of PUREGRO COMPANY.

RQ Insect
N.O.S.

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reated fields. Do not use on lima beans as injury may occur. Do not apply within 3 days of harvest.

BROCCOLI, CABBAGE: 1.5-2 quarts, cabbage aphid, cabbage looper, cross-striped cabbageworm, diamond-back moth larvae, flea beetle, harlequin bug, imported cabbageworm, stink bug. Do not apply with 7 days of harvest.

CARROTS: 1-2 quarts—green peach aphid. Do not make more than 2 applications. Do not use tops for food or feed. Do not apply within 7 days of harvest.

CAULIFLOWER, BRUSSELSPOUTS: 1½-2 quarts—for control of insects under brüccoli, cabbage. Do not apply within 14 days of harvest. Do not repeat application within 14 days.

CELERY: 1-2 quarts—green peach aphid, cabbage looper. Do not make more than 3 applications. Do not apply within 4 days of harvest.

COLLARDS: 1-1½ quarts—cabbage looper, diamond-back moth larvae, harlequin bug, imported cabbageworm. Do not apply more than once. Do not apply within 21 days of harvest.

CORN (SWEET): 3 quarts—corn leaf aphid, corn earworm. Apply at 2-3 days intervals beginning when silks first appear or continue until they begin to dry. Do not apply more than 5 times. Do not apply to sweet corn for process. Do not feed treated forage or ensilage to livestock or allow to graze in treated fields.

COTTON: 2-3 quarts, boll weevil, bollworm, cabbage looper, stink bug, stink bug. Do not apply after bolls open. 1½ quarts or above insects. Do not graze meat or dairy animals in treated field.

CUCUMBERS, SQUASH (Summer and Winter) MELONS: 1-2 quarts aphid, cucumber beetle, squash vine borer (apply early to flower buds, stems and vines, beginning when moths first appear), striped cabbage flea, melonworm, pickleworm, squash beetle, squash bug. Not time limitation.

GOPLANTS: 1 quart, blister beetle, Colorado potato beetle, flea beetle, green peach aphid, green stink bug, whitefly. Do not apply within 1 day of harvest.

KALE: 3 pints—flea beetle, harlequin bug, imported cabbageworm. Do not apply more than once. Do not apply within 21 days of harvest.

LETTUCE (Head): 1½-2 quarts, cabbage looper, diamond-back moth larvae, green peach aphid, imported cabbageworm. Do not make more than 3 applications after thinning. Do not apply within 14 days of harvest. Remove outer leaves at harvest. Do not feed crop waste to livestock.

PEPPERS: 1 quart—flea beetle, green peach aphid, hornworm, pepper maggot. Do not apply within 1 day of harvest. 2 quarts—flea beetle, green peach aphid, hornworm, pepper maggot. Do not apply within 4 days of harvest.

POTATOES: 1-2 quarts—aphids, armyworms, Colorado potato beetle, green stink bug, leaf-footed bug, plant bug, potato flea beetle, potato leaf hopper, potato tubeworm, whitefly. 1½-2 quarts European corn borer, potato psyllid. No time limitation. Do not plant root crops other than carrots, potatoes, and sweet potatoes as follow-up crops.

SMALL GRAINS (Barley, Oats, Rye, Wheat): 1 quart—army cutworm. Do not apply after head begins to form. Do not feed treated forage to dairy animals or animals being finished for slaughter. For aircraft applications use in 2 gals. diesel fuel oil per acre.

SPINACH: 3 pints—crown mite, green peach aphid. Do not apply more than once. Do not apply within 21 days of harvest.

SUGAR BEETS: 1-2 quarts green peach aphid, meadow spittlebug. 1½-2 quarts sugar beet webworm. Do not feed treated tops to livestock. Do not apply within 30 days of harvest.

SUNFLOWER: Apply 2 to 4 pints per acre to control sunflower moth. Do not apply more than three times per season. Do not feed treated forage to livestock.

TOMATOES: 1-2 quarts—blister beetle, Colorado potato beetle, flea beetle, green peach aphid, tomato hornworm. 1½-2 quarts—cabbage looper, stink bugs, 2 quarts—tomato fruitworm, yellow-striped armyworm. Do not apply within 1 day of harvest.

PUREGRO CONDITIONS OF SALE AND WARRANTY

PUREGRO COMPANY warrants only that the product conforms to the chemical description on the label and is reasonably fit for the use stated on the label when used in strict accordance with the directions under normal conditions of use.

Critical and unforeseen factors beyond PUREGRO COMPANY'S control prevent it from eliminating all risks in connection with the use of the product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete product control by PUREGRO COMPANY and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated herein and even though label directions are followed.

Therefore, this warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseen by PUREGRO COMPANY. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.

PUREGRO COMPANY makes no other warranty, express or implied, including any other express or implied warranty of fitness for a particular purpose or of merchantability. In no case shall PUREGRO COMPANY be liable for consequential, special, or indirect damages resulting from the use or handling of this product. PUREGRO COMPANY does not authorize any agent or salesman to make any other warranty, guarantee or representation, express or implied, concerning this product, except those expressly set forth in this product label, and denies any such warranty, guarantee or representation, express or implied, made by any agent or employee of PUREGRO COMPANY, except those expressly set forth in this product label. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of PUREGRO COMPANY.

RQ Insecticide Liquid N.O.S. (Endosulfan)

NA 1993



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16 JUL 1984

300/123987
17/3

Mr. Daniel Fay
Pure Gro Company
1276 Halyard Drive
West Sacramento, CA 95691

Dear Mr. Fay:

Subject: Amendment - Update Label
Pure Gro Thiodan 2EC
EPA Registration No. 1202-260
Your Application Dated June 14, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. In the Hazards to Humans and Domestic Animals section:
 - a. Change "Hazardous if swallowed, etc." to "May be fatal if swallowed, etc."
 - b. Delete "In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water. Get medical attention." This merely repeats information from the Statement of Practical Treatment.
 - c. The respirator advice should be revised to reflect the current names of the regulating agencies as follows:

...and a mask or respirator jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) for pesticide application under the provisions of 30 CFR Part 11.
2. In the Environmental Hazards:
 - a. Replace "Keep out of lakes streams, ponds, tidal marshes, and estuaries. Do not apply where runoff is likely to occur" with "Do not apply directly to water or wetlands."

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

b. Revise the bee precaution to read:

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

3. Relocate the heading Directions For Use and the associated misuse warning to appear directly over the Reentry Statement. This can also be accomplished by moving the Reentry Statement to the left panel under the heading and misuse warning to better balance the label, especially since the Precautionary Statements will be shortened due to item "1" and "2" above.
4. In the Reentry statement specify what is appropriate protective clothing based on your available product toxicology information. This specific protective clothing recommendation should appear after "Do not enter treated areas without protective clothing until sprays have dried." Other companies start the next sentence, "Appropriate protective clothings means at least...."
5. Based on recent information from the nation's Poison Control Center, the Agency recommends revising the If Swallowed advice to read as follows; however, if your toxicological data suggest otherwise, please submit a draft Statement of Practical Treatment for prior approval:

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

6. Add the following to the end of the Note to Physician:

Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

Submit five (5) copies of your revised final printed labeling before your release the product for shipment with the amended labeling.

A stamped copy of the label is enclosed for your records.

Note that due to uncertainty over compensation requirements and procedures arising from the Monsanto lawsuit, acceptance of this updated labeling does not constitute reregistration under the Endosulfan Registration Standard.

Sincerely yours,

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

Enclosure

RD/CBI:LaRocca:DCR-45585:WANG-0040N:eg:Raven:472-2013:7/10/84