

THODAN 3 EC

100.0%

Potatoes: The potatoes are the most important crop in the region. The main varieties are the 'Russet Burbank' and the 'Yukon Gold'. The potatoes are grown in the fields and are harvested in the autumn. The potatoes are then stored in the cellars and are used for food or for making potato products.

killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label

Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

Do not re-use empty 1 and 5 gallon containers. Destroy them by perforating or crushing. Return 30 gallon drum to reconditioner or destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

Do not use, pour, spill or store near heat or open flame. Do not store at temperatures below 20° F.

DIRECTIONS FOR DILUTION

DILUTE APPLICATION: *Ground Application:* Apply specified rate in 20 to 60 gallons of water per acre
Orchard Application: Apply specified rate in 100 to 800 gallons of water per acre

CONCENTRATE APPLICATION: *Ground Application.* Apply specified rate in not less than 5 gallons of water per acre. *Orchard Application.* Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

DIRECTIONS FOR USE

Alfalfa: Meadow Spittlebug. Apply 2/3 pint per acre. Apply 1 week after eggs begin to hatch or when first small masses of froth are produced in crowns of plants. Do not apply more than 1 application per cutting. Do not graze or cut forage within 21 days of treatment. Seed Crop only. **Aphids.** Apply 1 1/3 pints per acre. **Lygus Bugs:** Apply 2 to 2 2/3 quarts per acre. Do not feed treated forage.

Almonds: Peach Twig Borer. Apply 2 to 3½ quarts per acre. Do not make more than one application per season. For Peach Twig Borer control, apply at pink bud or petal fall and again in May using 400 to 500 gallons of spray mix per acre.

Apples: *Aphids* (Apple, Rosy Apple, Woolly Apple). Apply 2 2/3 to 3 1/3 quarts per acre *Apple Rust*. Apply 4 to 5 1/3 quarts per acre. Do not apply within 30 days of harvest. Do not apply more than twice during fruiting period. Do not feed pomace from treated apples to livestock.

Artichokes: *Artichoke Aphid*, *Green Peach Aphid*. Apply 1 to 1 1/3 quarts per acre. *Artichoke Plume Moth*. Apply 1 1/3 quarts per acre. Do not apply within 7 days of harvest.

Barley, Oats, Rye, Wheat: *Army Cutworm.* Apply 1 1/3 pints per acre. Do not apply after heads begin to form. Do not feed treated forage to livestock.

Beans: *Black Bean Aphid*, *Bean Leaf Skeletonizer*, *Cucumber Beetle*, *Green Stink Bug*, *Mexican Bean Beetle*. Apply 1 1/3 to 2 2/3 pints per acre. *Western Bean Cutworm*. Apply 2 2/3 pints per acre. Do not apply more than 3 times per season. Do not apply within 3 days of harvest. Do not feed treated threshings to livestock or allow livestock to graze in treated fields. Do not use on lima beans that are to be removed from the field for processing.

Blueberries: *Blueberry Bud Mite*. Apply 4 pints per acre, applying 300 gallons of spray mix per acre. Apply immediately after harvest and repeat 6 to 8 weeks later. Do not apply after buds are well formed.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: Cabbage Aphid, Cabbage Looper, Cross-Striped Cabbageworm, Diamond-Back Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bugs Apply 2 to 2 2/3 pints per acre Armyworm, Cutworm Apply 2 2/3 pints per acre. Do not apply within 14 days of harvest on brussels sprouts, cauliflower and 7 days of harvest on broccoli and cabbage

Carrots: *Green Peach Aphid*. Apply 1 1/3 to 2 2/3 pints per acre. Do not apply more than 2 times per season. Do not apply within 7 days of harvest. Do not use tops for food or feed.

Celery: *Green Peach Aphid*, *Cabbage Looper* Apply 1 1/3 to 2 2/3 pints per acre. Do not apply more than 3 times per season. Do not apply within 4 days of harvest.

Cherries: *Black Cherry Aphid*, *Plum Rust Mite*. Apply 2 2/3 to 3 1/3 quarts per acre. Do not apply more than twice after shucks split. *Eye-Spotted Bud Moth*, *Fruit Tree Leafroller* (Pacific Northwest only). Apply 1 1/2 pint per acre. For *Bud Moth*, make application during popcorn stage of growth. For *Leafroller*, make application during pre-pink stage. Do not apply within 21 days of harvest.

Citrus: *Citrus Aphy* apply 3 to 6 pints per acre. Do not apply to bearing trees or to trees that will bear fruit within 12 months.

Collards: Cabbage Looper, Diamond Back Moth caterpillar, Harlequin Bug, Imported Cabbageworm
Apply 2 pints per acre, making one application per season.

Corn (Sweet): Do not apply April 1 to April 15. Do not apply to corn at 3 day intervals beginning when corn first appears and continue until the corn is ready for vegetable use only. Do not apply to sweet corn to be processed. Do not take more than

Peas (Southern Field): Cowpea Curculio. Apply 1 1/3 to 2 2/3 pints per acre. Make 3 applications at 5 day intervals beginning when the first pods are 1/2 inch long. Do not apply within 3 days of harvest. Do not feed treated threshings to livestock or allow to graze in treated fields.

Pecans: *Black Pecan Aphid*. Apply 3 to 10 quarts per acre. Do not apply after shucks split. Do not graze livestock in treated groves.

Peppers: *Flea Beetles, Green Peach Aphid, Hornworms, Pepper Maggots.* Apply 1 1/3 to 2 2/3 pints per acre. Do not apply within 1 day of harvest at the 1 1/3 pint rate. Rates over 1 1/3 pints to 2 2/3 pints, do not apply within 4 days of harvest.

Pineapples: *Pineapple Fruit Mite*. Apply 2 2/3 quarts per acre. For fresh market use only. Do not apply more than 4 times per season. Make applications at 7 to 10 day intervals (if necessary) particularly during the 40 day bloom period. Do not apply within 7 days of harvest. Do not feed treated forage or pineapple by-product to livestock.

Plums, Prunes: *Fruit Tree Leafroller* (Prunes only - Pacific Northwest only). Apply 1 1/3 pints per acre during pre-pink stage of growth. *Hop Aphid*, *Leaf Curl Plum Aphid*, *Peach Twig Borer*, *Plum Rust Mite*, *Thistle Aphid*. Apply 2 2/3 to 3 1/3 quarts per acre. *Lesser Peach Tree Borer*. Apply 2 2/3 to 3 1/3 quarts per acre and thoroughly wet trunk and main branches. Do not apply within 7 days of harvest.

Potatoes: Aphid, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf Footed Plant Bug, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, White Fly. Apply 1 1/3 to 2 2/3 pints per acre. European Corn Borer, Potato Psylla. Apply 2 to 2 2/3 pints per acre. Three-lined Potato Beetle. Apply 1 1/3 pints per acre. No time limitation. Do not plant root crops other than carrots, potatoes, sweet potatoes or sugar beets as follow-up crops.

Pumpkins: Aphids, Cucumber Beetles, Squash Vine Borer, Striped Flea Beetle. Apply 1 1/3 to 2 2/3 pints per acre. For Squash Vine Borer, apply weekly to flower buds, stems and vines beginning when moths first appear. No time limitation.

Safflower: Green Peach Aphid. Apply 2 2/3 pints per acre. Do not apply after flower heads open
Spinach: Crown Mite. Green Peach Aphid. Apply 2 pints per acre. Do not apply within 21 days of harvest. Apply only once per season.

Strawberries: *Cyclamen Mite*. Apply 2 2/3 quarts per acre. Do not re-apply within 35 days when fruit is present. Do not apply within 4 days of harvest. *Meadow Spittlebug*. *Strawberry Aphid*. *Tarnished Plant Bug*. Apply 1 1/3 quarts per acre. Do not apply within 4 days of harvest. Do not re-apply within 15 days or more than twice within a 35 day period when fruit is present.

Sugar Beets: *Green Peach Aphid*, *Sugar Beet Webworm*. Apply 2 to 2 2/3 pints per acre. Do not apply within 30 days of harvest. Do not feed treated tops to livestock. Do not plant root crops other than carrots, potatoes as follow-up crops.

Sunflower: *Sunflower Moth.* Apply 2 2/3 pints per acre. Do not apply more than 3 times per season. Do not feed treated forage to livestock. Make first application at onset of bloom and make two more applications at 4 to 7 day intervals.

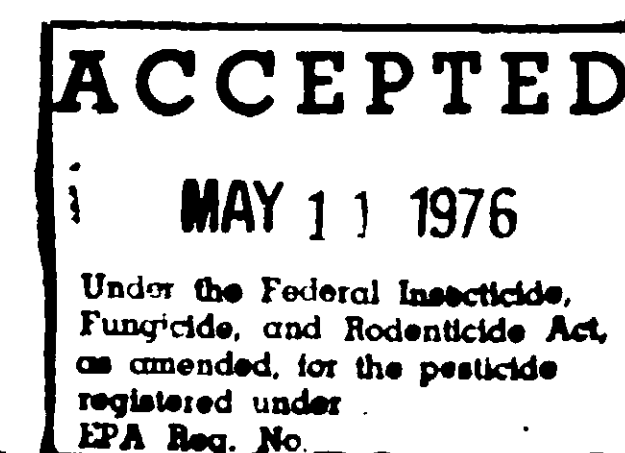
Sweet Potatoes: Sweet Potato Flea Beetle. Apply 1 1/3 pints per acre. Apply shortly after transplanting or as soon as Flea Beetles appear. Repeat as necessary.

Tobacco (Field): Cabbage Looper, Green Peach Aphid, Tobacco Budworm, Tobacco Flea Beetle, Tobacco Hornworm. Apply 2/3 to 1 1/3 quarts per acre. Do not apply within 5 days of harvest.

Tomatoes (Field & Greenhouse): *Blister Beetles*, *Colorado Potato Beetle*, *Flea Beetle*, *Green Peach Aphid*. Apply 1 1/3 pints per acre. *Hornworm*, *White Fly*. Apply 1 1/3 to 2 2/3 pints per acre. *Tomato Russet Mite*, *Tomato Fruitworm*, *Yellow-striped Armyworm*. Apply 2 2/3 pints per acre. *Stink Bugs*. Apply 2 to 2 2/3 pints per acre. *Cabbage Looper*. Apply 2 pints per acre. Do not apply within 1 day of harvest.

Walnuts: *Walnut Aphid*. Apply 4 to 5 pints per acre. Do not apply after husks split. Do not graze livestock in treated groves

Watercress: *Cyclamen Mite* Apply 1 1/3 to 2 2/3 pints per acre. Make first application after cutting before new growth starts. Make second application 7 to 10 days later. Do not apply within 7 days of harvest.



(316:1-76)

Occidental Chemical Company

P.O. Box 198 Lathrop, California 95330 P.O. Box 1185 Houston, Texas 77001

INFORMATION WANTED: The following information is being sought by the FBI and is being furnished to you for your information. If you have any information regarding the above, please contact the FBI at (202) 452-4000 or the nearest FBI office. If you have any information regarding the above, please contact the FBI at (202) 452-4000 or the nearest FBI office.

Do not use, pour, spill or store near heat or open flame. Do not store at temperatures below 20°F.

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DIRECTIONS FOR USE

Alfalfa: *Meadow Spittlebug* Apply 2/3 pint per acre. Apply 1 week after eggs begin to hatch or when first small masses of froth are produced in crowns of plants. Do not apply more than 1 application per cutting. Do not graze or cut forage within 21 days of treatment. Seed Crop only. *Aphids:* Apply 1 1/3 pints per acre. *Lygus Bugs:* Apply 2 to 2 2/3 quarts per acre. Do not feed treated forage.

Almonds: *Peach Twig Borer.* Apply 2 to 3 1/4 quarts per acre. Do not make more than one application per season. For *Peach Twig Borer* control, apply at pink bud or petal fall and again in May using 400 to 500 gallons of spray mix per acre.

Apples: *Aphids (Apple, Rosy Apple, Wooly Apple).* Apply 2 2/3 to 3 1/3 quarts per acre. *Apple Rust Mite.* Apply 4 to 5 1/3 quarts per acre. Do not apply within 30 days of harvest. Do not apply more than twice during fruiting period. Do not feed pomace from treated apples to livestock.

Artichokes: *Artichoke Aphid, Green Peach Aphid.* Apply 1 to 1 1/3 quarts per acre. *Artichoke Plume Moth.* Apply 1 1/3 quarts per acre. Do not apply within 7 days of harvest.

Barley, Oats, Rye, Wheat: *Army Cutworm.* Apply 1 1/3 pints per acre. Do not apply after heads begin to form. Do not feed treated forage to livestock.

Beans: *Black Bean Aphid, Bean Leaf Skeletonizer, Cucumber Beetle, Green Stink Bug, Mexican Bean Beetle.* Apply 1 1/3 to 2 2/3 pints per acre. *Western Bean Cutworm.* Apply 2 2/3 pints per acre. Do not apply more than 3 times per season. Do not apply within 3 days of harvest. Do not feed treated threshings to livestock or allow livestock to graze in treated fields. Do not use on lima beans that are to be removed from the field for processing.

Blueberries: *Blueberry Bud Mite.* Apply 4 pints per acre, applying 300 gallons of spray mix per acre. Apply immediately after harvest and repeat 6 to 8 weeks later. Do not apply after buds are well formed.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Cabbage Aphid, Cabbage Looper, Cross-Striped Cabbageworm, Diamond-Back Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bugs.* Apply 2 to 2 2/3 pints per acre. *Armyworm, Cutworm.* Apply 2 2/3 pints per acre. Do not apply within 14 days of harvest on brussels sprouts, cauliflower and 7 days of harvest on broccoli and cabbage.

Carrots: *Green Peach Aphid.* Apply 1 1/3 to 2 2/3 pints per acre. Do not apply more than 2 times per season. Do not apply within 7 days of harvest. Do not use tops for food or feed.

Celery: *Green Peach Aphid, Cabbage Looper.* Apply 1 1/3 to 2 2/3 pints per acre. Do not apply more than 3 times per season. Do not apply within 4 days of harvest.

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Citrus: *Citrus Aphid.* Apply 3 to 6 1/2 pints per acre. Do not apply to bearing trees or to trees that will bear fruit within 12 months.

Collards: *Cabbage Looper, Diamond-Back Moth Larvae, Harlequin Bug, Imported Cabbageworm.* Apply 2 pints per acre, making one application per season.

Corn (Sweet): *Corn Leaf Aphid.* Apply 1 1/3 quarts per acre. *Corn Earworm.* Apply 4 pints per acre at 2 to 3 day intervals beginning when silks first appear and continue until they become dry. For fresh vegetable use only. Do not apply to sweet corn to be processed. Do not make more than 5 applications. Do not feed forage or ensilage to livestock or allow livestock to graze in treated fields. May be applied up to day of harvest.

Cotton: *Bollworm, Cabbage Looper, Lygus Bug, Cotton Stink Bug.* Apply 1 1/3 quarts per acre. *Thrips.* Apply 2 quarts per acre. *Cotton Leaf Perforator, Boll Weevil.* Apply 1 1/3 to 4 pints per acre. Rates up to 2 pints do not apply after 25% of bolls are open, and rates over 2 to 4 pints, do not apply after bolls are open. Do not graze meat or dairy animals in treated fields.

during the 40 day bloom period. Do not apply within 7 days of harvest. Do not feed treated forage or pineapple by-product to livestock.

Plums, Prunes: *Fruit Tree Leafroller (Prunes only - Pacific Northwest only).* Apply 1 1/3 pints per acre during pre-pink stage of growth. *Hop Aphid, Leaf Curl Plum Aphid, Peach Twig Borer, Plum Rust Mite, Thistle Aphid.* Apply 2 2/3 to 3 1/3 quarts per acre. *Lesser Peach Tree Borer.* Apply 2 2/3 to 3 1/3 quarts per acre and thoroughly wet trunk and main branches. Do not apply within 7 days of harvest.
Potatoes: *Aphid, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf Footed Plant Bug, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, White Fly.* Apply 1 1/3 to 2 2/3 pints per acre. *European Corn Borer, Potato Psylla.* Apply 2 to 2 2/3 pints per acre. *Three-lined Potato Beetle.* Apply 1 1/3 pints per acre. No time limitation. Do not plant root crops other than carrots, potatoes, sweet potatoes or sugar beets as follow-up crops.

Pumpkins: *Aphids, Cucumber Beetles, Squash Vine Borer, Striped Flea Beetle.* Apply 1 1/3 to 2 2/3 pints per acre. For *Squash Vine Borer*, apply weekly to flower buds, stems and vines beginning when moths first appear. No time limitation.

Safflower: *Green Peach Aphid.* Apply 2 2/3 pints per acre. Do not apply after flower heads open.
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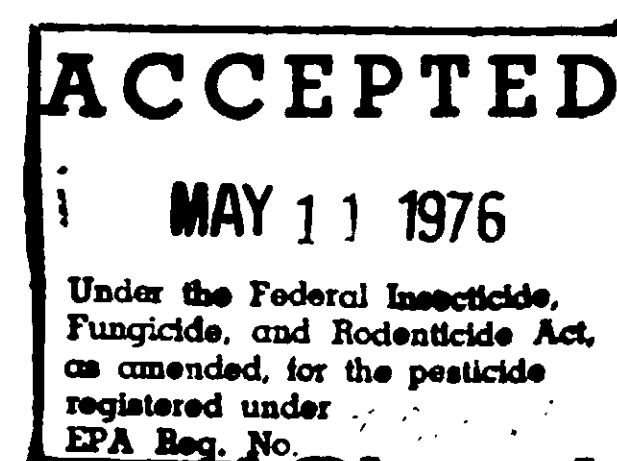
Sweet Potatoes: *Sweet Potato Flea Beetle.* Apply 1 1/3 pints per acre. Apply shortly after transplanting or as soon as *Flea Beetles* appear. Repeat as necessary.

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(316:1/76)

Occidental Chemical Company

P.O. Box 198 Lathrop, California 95330 — P.O. Box 1185 Houston, Texas 77001

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees, in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product if the product is found to be of seller's liability. No one is authorized to make any other warranty, guarantee or claim for the product. No other warranties, guarantees, or claims shall be valid or binding upon either