

869-231

12/04/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Jeff Luedke
Green Light Company
P.O. Box 17985
San Antonio, TX 78217-0985

DEC - 4 2001

Dear Mr. Luedke:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Almonds;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
Green Light Diazinon
EPA Registration Number 869-231
Your submission dated June 7, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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 bearing the amended labeling:
 - a. Revise the end of the front panel claim so that it reads "...and many other as listed in the Directions For Use."
 - b. In the ingredients statement, align the percentage numbers.
 - c. In the Hazards to Humans and Domestic Animals text, revise "Do not use inside the home." to read "Do not use inside the home or in greenhouses."
 - d. Under the heading DIRECTIONS FOR USE, slightly revise the reformulation prohibition to read "Reformulation or repackaging of this product is prohibited."
 - e. In the DISPOSAL directions, replace the sentence beginning "Do not pour the concentrate..." with "To avoid harming aquatic organisms in rivers and other surface waters, do not pour the concentrate, spray mixture, or rinse water into sanitary drains (for example, toilets, floor drains and sinks) or into storm water sewers (for example, street drains)."

- f. Under the heading General Information, revise item "5" of the NOTES to read "Do not apply this product in greenhouses."
 - g. Under the heading OPTION B General Information, add a NOTE item "4" to read "(4) Do not apply this product in greenhouses."
 - h. Under the heading VEGETABLES - INSECT CONTROL, revise "Do not apply to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.
 4. Comply with all applicable provisions of the 2000 Memorandum of Agreement Regarding Pesticide Products Containing Diazinon (i.e., the Diazinon MOA). In accordance with the Diazinon MOA you have requested the following revisions to the conditions of registration for this diazinon product with outdoor non-agricultural (i.e., home and garden) uses:
 - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.
 - b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
 - c. You may not sell or distribute this product after August 31, 2003.
 - d. The registration for this product shall expire and be canceled on December 31, 2004.
 - e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

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

The Alternate Confidential Statement of Formula (CSF) dated June 7, 2001 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

George T. LaRocca
 Product Manager 13
 Insecticide Branch
 Registration Division (7505C)

3/12

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

DEC - 4 2001

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
869-231**

GREEN LIGHT DIAZINON

Fast-Acting Broad-Spectrum Low Odor Water-Based

ONE QUART COVERS OVER 5,000 SQ. FT. OF HOME LAWN AREA

**Protects: Lawns, Vegetables, Fruits and Nuts, Roses, Flowers, Trees and Shrubs.
Controls: Ants, Aphids, Chinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod
Webworms and many others.**

This product must not be used on Golf Courses and Sod Farms.
For outdoor use on the Home Lawn and the Home Garden only.

**(OPTION B): READY-TO-SPRAY FOR CONVENIENT AND ACCURATE
APPLICATION. CONTROLS INSECT PESTS OUTSIDE ON HOME LAWNS AND ON
ORNAMENTALS.**

ACTIVE INGREDIENT:

Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	
phosphorothioate.....	22.4%
OTHER INGREDIENTS.....	77.6%
	TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Or Side Panel For Additional Precautionary Statements

EPA Reg. No. 869-231

EPA Est. No. 869-TX-1

Net Contents One Quart (0.946 liters)

Green Light Company, P.O. Box 17985, San Antonio, TX 78217-0935

(Back Or Side Panel Or Attached Booklet)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, 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.

FIRST AID

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.

- If swallowed**
- . Call a poison control center or doctor immediately for treatment advice.
 - . Have a person sip a glass of water if able to swallow.
 - . Do not induce vomiting unless told to do so by a poison control center or doctor.
 - . Do not give anything by mouth to an unconscious or convulsing person.

- If in eyes**
- . Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - . Call a poison control center or doctor for treatment advice.

- If inhaled**
- . Move person to fresh air.
 - . If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
 - . Call a poison control center or doctor for treatment advice.

- If on skin or clothing**
- . Take off contaminated clothing.
 - . Rinse skin immediately with plenty of water for 15-20 minutes.
 - . Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

In the event of a major fire, spill, or other emergency call 1-800-888-8327 day or night.

NOTE TO PHYSICIAN

This product contains, diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine. If ingested induce emesis or lavage stomach.

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 those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where watering is recommended in the directions, or if waterfowl (ducks or geese) can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water. Runoff may be hazardous to aquatic organisms in neighboring areas. 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. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Reformulation or repackaging this product is prohibited.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

STORAGE AND DISPOSAL

STORAGE: Store in original container in an area inaccessible to children or pets. If product freezes, place container in a warm area (68 F or above) inaccessible to children or pets and allow to thaw. Shake well before using. **(OPTION B):** Store in original container, with the control knob set to the OFF position, in an area inaccessible to children or pets. **DISPOSAL:** Do not pour the concentrate, spray mixture, or the rinse water down the drain or sewer. Do not reuse empty container. Triple rinse the empty container; pour the rinse water into the sprayer, then spray area to be treated. Securely wrap empty container in several layers of newspaper and discard in trash. If disposal of a partially full container is necessary, make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash.

(OPTION B): Do not pour concentrate down the drain or sewer. After container is empty, or if disposal of a partially full container is necessary, make sure control knob is set to the OFF position, wrap in newspaper, and discard entire unit (sprayer and bottle) in trash. Do not reuse.

GENERAL INFORMATION: Green Light Diazinon is a water-based concentrate which must be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed. This product kills many outdoor pests which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people.

Notes: (1) Do not use inside the home. (2) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia, or orchids since plant injury may occur. (3) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties. (4) Do not apply to food crops grown

in greenhouses.

(OPTION B): GENERAL INFORMATION: Green Light Diazinon is a water-based concentrate which must be diluted with water before application. This product kills many outdoor pests which damage lawns, roses, flowers, trees and shrubs, and insects which annoy pets and people.

Notes: (1) Do not use inside the home. (2) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia, or orchids since plant injury may occur. (3) Do not apply to food crops.

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 Diazinon and water as suggested in the rate chart.

Step # 3: Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. See label for complete list of use sites, crops, and insects controlled. Use the rate given in the label for the type of insect you want to control on the site or crop you are spraying.

Step # 4: Flush sprayer with clean water after each use.

Measurement Conversions

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 teaspoons or 2 tablespoons

LAWN PEST CONTROL

Precautions:

- (1) Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label.
- (2) Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawn in Nassau County, New York between November 1 and May 20.
- (3) Do not exceed maximum permitted label rates. Application rates above those recommended significantly increased potential hazards to birds and waterfowl.
- (4) Avoid overlapping of sprays.
- (5) Where watering is recommended in the directions, or if waterfowl, (ducks or geese) can be expected in the treated area after treatment (except spot treatment), apply at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs. Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustine grass. To control pests listed below, apply recommended rates.

Ants, Armyworms, Bermuda Grass Mites, Clover Mites, Springtails (Collembola), Crickets, Lawn Chinch Bugs, Cutworms, Earwigs, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Millipedes: Mix 1-1/2 teaspoons in 1 gallon of water (6 fl. ozs. in 24 gals. of water covers 1,000 sq. ft.). Thoroughly wet down grass a few hours before applying. For ants, spot spray ant hills. Billbug 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: Mix 1-1/2 teaspoons in 1 gallon of water (6 fl. ozs. in 24 gals. of water covers 1,000 sq. ft.). Note: Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near the house.

Rhodesgrass Scale: Mix 1-1/2 teaspoons in 1 gallon of water (6 fl. ozs. in 24 gals. of water covers 1,000 sq. ft.). Apply when crawler first emerge.

White Grubs of :Japanese Beetle, European Chafer, Southern Chafer: Mix 1-1/2 teaspoons in 1 gallon of water (6 fl. ozs. in 24 gals. of water covers 1,000 sq. ft.). Water grass thoroughly after application. Apply anytime between late July and early October.

Hyperodes Weevil: Mix 1-1/2 teaspoons in 1 gallon of water (6 fl. ozs. in 24 gals. of water covers 1,000 sq. ft.). Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

NUISANCE PESTS OUTSIDE THE HOME

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola): Mix 2 fl. ozs. in 1 gallon of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceway, walkways, garbage cans, tree trunks, and into cracks and other places where insects can hide. To prevent entry into houses, spray a five foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary. Do not treat animals with this product. Do not treat plants (other than tree trunks) at this nuisance pest rate.

Fire Ants: To aid in the control of fire ants in home lawns and other outdoor home recreational areas, apply 2 tablespoons in a minimum of 1 gallon of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Large quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gallon per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. Note: For best results, apply in cool weather, 65-80 F, or in early morning or late evening hours. Treat new mounds as they appear.

INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS AND FLOWERS

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, Two-Spotted Spider), Obscure Root Weevils, Omnivorous Leaf-tiers, Scale Crawlers (Cottonycushion, Euonymus, Lecanium, Pine Needle, Pit Scale, San Jose, Soft), Webworms, Whiteflies, Apple and Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars,

Webworms (Cottoneaster, Fall): Spray when listed pests first appear. Mix 2 teaspoons in 1 gallon of water. Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray. Repeat as necessary.

Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses: Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation, Bud, Carnation Shoot, Cyclamen, European Red, Two-Spotted Spider), Thrips, Whiteflies: Spray when listed pests first appear. Mix 2 teaspoons in 1 gallon of water. Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage. Repeat as necessary.

VEGETABLES

For foliar or soil applications, Diazinon should be applied in the volume of water recommended below to assure thorough coverage of the foliage or soil. Observe stated time intervals between last application and harvest, as well as, intervals between applications and maximum numbers of applications per season. Do not apply to food crops grown in greenhouses.

Pre-Harvest Intervals (PHI*) Foliar Applications

Beans [*] (Succulent varieties only: Lima, Pole, and Snap) (7), Cabbage (21), Cantaloupes (3), Carrots (14), Cauliflower (7), Collards (10), Cucumbers (7), Honeydew Melons (3), Lettuce (14), Onions, Bulb & Green (14), Peas [*] (7), Peppers (5), Potatoes (35), Radishes (14), Spinach (14), Squash, Summer (7), Squash, Winter (3), Tomatoes (1), Turnips (14), Watermelons (3).

*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.

[*] Do not use this product on dried pea or bean varieties such as pinto beans, dried limas, or dried black-eyed peas.

For applications to the foliage, thoroughly spray all plant parts. Application to the soil should be mixed into the soil immediately after application.

Beans- Lima, Pole, and Snap; Peas (Succulent varieties only): Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season. Do not apply within 7 days of harvest.

NOTE: (1) Do not apply this product to dried bean varieties such as pinto beans or dried limas. (2) To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.

Beets- Red (Table): Cutworms (Surface, Subterranean): Mix 6 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Beets- Red (Table): Mole Crickets: Mix 2 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Cabbage: Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 21 days of harvest.

Carrots: Aphids, Flea Beetles, Leafhoppers, Spider Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat applications every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.

Carrots: Cutworms (Surface, Subterranean), Wireworms: Mix 6 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms, 4-8 inches for wireworms.

Cauliflower, Collards: Aphids, Flea Beetles: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest for cauliflower, 10 days for collards.

Cucumbers: Aphids, Thrips, Spider Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest.

Lettuce: Aphids, Flea Beetles, Leafhoppers, Spider Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.

Melons (Cantaloupes, Honeydews and Watermelons): Aphids, Thrips, Mites: Mix 1 teaspoon in 1 gallon of water per 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.

Onions (Bulb and Green): Onion Thrips: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.

Peppers, Potatoes: Colorado Potato Beetles, Flea Beetles, Leafhoppers: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 5 days of harvest for peppers, 35 days for potatoes.

Radishes: Aphids, Flea Beetles, Leafhoppers: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 14 days of harvest.

Radishes: Cutworms (Surface, Subterranean): Mix 6 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Spinach: Aphids, Flea Beetles, Leafhoppers, Spider Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days,

up to 5 applications per season. Do not apply within 14 days of harvest.

Summer Squash, Winter Squash: Aphids, Thrips, Spider Mites: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest for summer squash, 3 days for winter squash.

Tomatoes: Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms, Vinegar Flies (*Drosophila* spp.): Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 1 day of harvest.

Tomatoes: Cutworms (Surface, Subterranean), Wireworms: Mix 6 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Spray the soil evenly just before planting. Immediately work into the soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms, 4-8 inches for wireworms.

Turnips and Turnip Tops: Aphids, Flea Beetles, Leafhoppers: Mix 1 teaspoon in 1 gallon of water to cover 500 sq. ft. of garden. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.

Turnips and Turnip Tops: Cutworms (Surface, Subterranean): Mix 6 tablespoons in a minimum of 1 gallon of water per 500 sq. ft. Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

FRUITS AND NUTS

Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted. Observe stated time intervals between last application and harvest of the crop, as well as intervals between applications and total number of applications that can be made per season.

Pre-Harvest Intervals*

Apricots (21), Blackberries (7), Boysenberries (7), Cherries (21), Dewberries (7), Grapes (28), Loganberries (7), Nectarines (21), Peaches (21), Plums (21), Prunes (21), Raspberries (7), Strawberries (5), Walnuts (45).

*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.

NOTE: To protect bees, do not apply to fruit trees when trees or substantial numbers of weeds around the trees are in bloom.

Apricots: Aphids, Apricot Mealybugs, Mites (Brown, Two-Spotted Spider), Scale Crawlers (Olive, San Jose): Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.

Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries:

Aphids, Leafhoppers, Raspberry Fruitworms, Two-Spotted Spider Mites, Thrips: Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of berry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. Do not apply within 7 days of harvest.

Cherries: Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruittree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose): Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 21 days of harvest.

Grapes: Aphids, Leafhoppers, Grape Berry Moths, Grape Leafrollers: Mix 1-1/2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of home vineyard. Do not make more than 5 applications per season, a minimum of 7 days apart. Do not apply within 28 days of harvest.

Nectarines: Aphids, Mites (Brown, Two-Spotted Spider), Scale Crawlers (Olive, San Jose): Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.

Peaches: Aphids, Mites (Brown, Two-Spotted Spider), Scale Crawlers (Olive, San Jose): Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply within 21 days of harvest.

Plums and Prunes: Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Brown, European Red): Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applicaitons per seaon, a minimum of 7 days apart. Do not apply within 21 days of harvest.

Strawberries: Aphids, Two-Spotted Spider Mites, Strawberry Leafrollers: Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of strawberry patch. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 5 days of harvest.

Walnuts (CA only): Aphids, Scale Crawlers (Walnut, Italian, Pear, Frosted), Spider Mites, Twig Borers: Mix 2 teaspoons in 1 gallon of water. Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply after husks open or split. Do not apply within 45 days of harvest. This product may be used on walnuts only in California. Do not use this product on walnuts grown in other states.

(OPTION B) READY-TO-SPRAY DIRECTIONS FOR OUTDOOR USE ONLY ON HOME LAWNS AND ORNAMENTALS

The sprayer attached to the container is ready-to-use. Simply attach to your garden hose and follow these simple instructions:

- (1) Make sure the hose-end sprayer is firmly connected to the hose.
- (2) Turn water supply on at the faucet. Water pressure will build in hose since your sprayer is already in the OFF position.
- (3) Bend the vertical tab on the top of the sprayer AWAY from the control knob. At the same time, turn the control knob clockwise so that the safety stop on the knob clears past the vertical tab. Your sprayer is now in the WATER position, applying PURE WATER ONLY.

APPLICATION

- (4) To apply product, turn the control knob clockwise to the ON position.
- (5) Water and product are now being mixed at the proper rate. For best results, hold sprayer and plastic container level and direct sprayer in a sweeping, side-to-side movement. Walk at a steady pace, overlapping slightly to cover the area that you wish to spray.
- (6) To stop spraying, turn the control knob back to the WATER position, and then to the OFF position. Turn off water at the faucet. To relieve water pressure in the hose, turn control knob back to the WATER position before removing sprayer from garden hose.
- (7) Turn the control knob back to the OFF position for storage of unused product and/or disposal of the entire unit.

LAWN PEST CONTROL: For control of Chinch Bugs, Ants, Armyworms, Bermudagrass Mites, Clover Mites, Crickets, Cutworms, Earwigs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Brown Dog Ticks, Chiggers, Fleas, White Grubs of Japanese Beetle, European Chafer, Southern Chafer. Thoroughly wet down grass before applying, except for White Grubs, Brown Dog Ticks, Chiggers and Fleas, for which grass should be watered thoroughly after application. Uniformly spray 6 fl. ozs. per 1,000 sq. ft. of home lawn area. Refer to fill level markings on side panel of the container to determine amount (ounces) of product used.

INSECT PEST CONTROL ON ORNAMENTAL TREES, SHRUBS AND FLOWERS: For use on Arborvitae, Azaleas, Boxwood, Camellias, Elm, Hawthorn, Holly, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow, Chrysanthemums, Carnations, Gladioli, Roses to control: Aphids, Bagworms, Leafminers, Leafhoppers, Mealybugs, Webworms, Whiteflies, Leafrollers, Tent Caterpillars, Thrips. Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to spray underside of leaves and penetrate dense foliage with spray.

NOTE: Do not use on ferns, poinsettia, hibiscus, gardenia or orchids since plant injury may occur.