

SEP-136
PM 15



NAMCO®

Diazinon 4E

For Sale To, Use and Storage By Servicepersons Only
In Controlling, Household, Turf and Ornamental,
Fruit and Nut Pests as Listed on the Labeling.

ACTIVE INGREDIENTS:

O, O-diethyl-O-(2-isopropyl-6-methyl-4-pyrimidyl)
phosphorothioate 47.5%
Aromatic petroleum distillate 35.1%

INERT INGREDIENTS: 17.4%

Contains 4 pounds of Diazinon per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

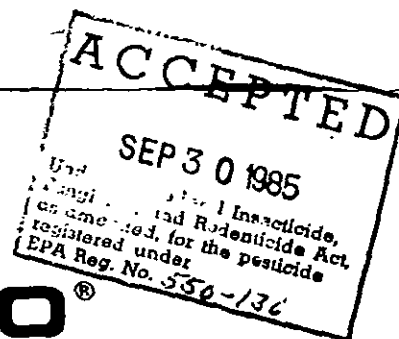
SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONS!

Manufactured By
Van Waters & Rogers
division of **Univar**
San Mateo, CA 94403

NET CONTENTS:
1 Gallon (3.8 liters)

(Rev. 3/84) JP

EPA Reg. No. 550-136-AA
EPA Est. No. 550-CA-1



DIRECTIONS FOR USE

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

To be applied only by or under the supervision of pest control operators or other trained personnel responsible for pest control programs.

STORAGE AND DISPOSAL

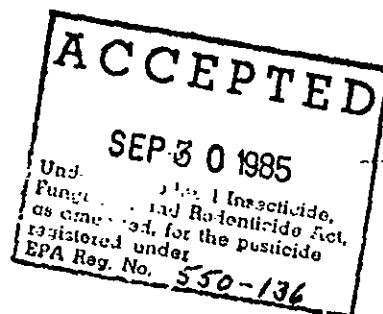
General: Do not contaminate water, food, or feed by storage or disposal.

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

Container: Triple rinse, or equivalent. Then offer for re-cycling or reconditioning, or puncture and dispose of in a sanitary land-fill, or by other procedures approved by state and local authorities. Alternatively, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

See attached pamphlet for specific use directions and precautions.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL OR THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE/OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS.



PRECAUCION AL USUA
explicada ampliamente.

STATEN

If swallowed: Get immediate medical attention. If vomiting, do not induce vomiting unless directed by medical personnel.
If inhaled: Remove victim to fresh air. If on skin: Remove clothing. If in eyes: Flush eyes with water for 15 minutes.

NOTE TO PHYSICIAN: Do not give antidote. 2-PAM may also be used.

May be fatal if swallowed, eaten, or inhaled. Wash contaminated clothing before reuse. Avoid contact with skin, eyes, and clothing. Do not use on humans, pets, or exposed workers, other persons. Allow unprotected persons to leave contaminated area before re-entry.

This product is toxic to fish, streams, ponds, tidal marshes, and other aquatic life. Do not apply when bees are active. Do not apply when bees are active. Do not apply when bees are active.

COMBUSTIBLE MIXTURE

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KEEP OUT OF REACH OF CHILDREN

WARNING • ADVISO

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT: FIRST AID

If swallowed: Get immediate medical assistance: call a Poison Control Center or physician. Do not induce vomiting: this product contains a high percentage of aromatic petroleum solvents which may cause aspiration pneumonia if vomiting is induced without proper medical procedures. Do not give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on skin: Remove contaminated clothing and other personal articles, wash thoroughly with soap and water.

If in eyes: Flush eyes thoroughly for at least 15 minutes with plenty of low pressure water. Get immediate medical attention.

NOTE TO PHYSICIAN: Diazinon is a cholinesterase inhibitor. If cholinesterase inhibition appears, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

May be fatal if swallowed. May be absorbed through skin. Wash thoroughly after handling and before smoking or eating. Wash contaminated clothing before reuse. Avoid breathing vapors and spray mist. Handle concentrate in a ventilated area. Avoid contamination of food, food utensils, domestic water, or feedstuffs.

Do not use on humans, pets or livestock. Do not apply this product in such a manner as to directly or through drift expose workers, other persons or animals. The area being treated must be vacated by unprotected persons. Do not allow unprotected persons or animals to re-enter treated areas until spray has dried. Cover aquariums. Do not contaminate ornamental fishponds.

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. 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 before applying this product. 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 treated area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE MIXTURE: Do not use, pour, spill, store near heat or open flame. Keep container closed.

**In Controlling, Household, Turf and Ornamental,
Fruit and Nut Pests as Listed on the Labeling.**

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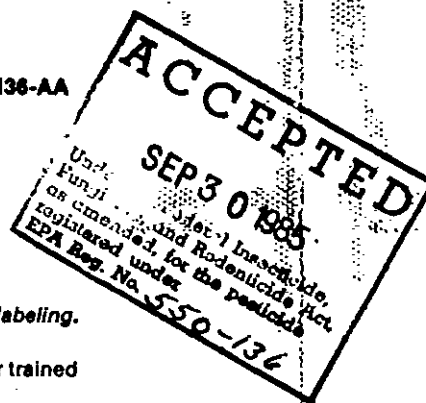
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Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Van Waters & Rogers. All such risks shall be assumed by the Buyer.

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General Information

NAMCO Diazinon 4E is an emulsifiable solution containing 4 pounds of diazinon per gallon.

It is intended for use by pest control operators and other trained personnel after dilution with water or suitable base oil for the control of those insects specified on this label.

Note: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber, and asphalt materials such as tiles and floor coverings. Care should also be taken to avoid spotting of wallpaper and fabrics.

Household Insects

Dilute this product with water or suitable base oil (1) to make a 1/2% spray or 1% spray, and apply as indicated below.

(1) Dilution of this product with a straight kerosene type solvent may result in some settling-out of the emulsifier — when the spray mixture is allowed to sit. To avoid this problem, mix the kerosene at a 4 to 1 ratio with an aromatic hydrocarbon. Or, the mixture may be made up in advance and allowed to sit for at least one day after which the diazinon in oil is carefully decanted from the settled-out emulsifier at the bottom of the container.

(2) Use only low odor kerosene for oil-based sprays to be applied in food handling establishments.

Spray Dilution Chart

Gals. of Finished Spray Water Base	Amount NAMCO Diazinon 4E to Use for 1/2% Diazinon	1% Diazinon
1	1-1/4 fl. oz.	2-1/2 fl. oz.
2	2-1/2 fl. oz.	5 fl. oz.
3	3-3/4 fl. oz.	7-1/2 fl. oz.
10	12-1/2 fl. oz.	25 fl. oz. (1-3/5 pts.)
25	32 fl. oz. (2 pts.)	64 fl. oz. (4 pts.)
Oil Base††		
1	1 fl. oz.	2 fl. oz.
2	2 fl. oz.	4 fl. oz.
3	3 fl. oz.	6 fl. oz.

†† 1 fl. oz. = 2 tablespoons = 6 teaspoons

†† Calculated on basis of low odor kerosene

COCKROACHES (WATERBUGS), ANTS, SILVERFISH

Make spot applications of 1/2% coarse spray or apply with a paint brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, and similar areas where these insects hide.

For heavy cockroach infestations, make the first application at a strength of 1%, followed by monthly applications of 1/2% spray.

CARPET BEETLES

Apply a 1/2% spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets and on shelving, and wherever these insects are seen or suspected.

SPIDERS AND SCORPIONS

Apply a 1/2% spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

PANTRY PESTS — EXPOSED STAGES (SAWTOOTHED GRAIN BEETLE, FLOUR BEETLE, RICE WEEVIL, CIGARETTE BEETLE, DRUGSTORE BEETLE, INDIAN MEAL MOTH)

Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

BROWN DOG TICKS IN BUILDINGS

Make thorough application of a 1/2% spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

(continued on reverse)

Feed and Food Handling Establishments

Apply NAMCO Diazinon 4E as either a spot or crack and crevice treatment as directed below. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit individual spot treatments to an area no larger than 20 percent of the floor. Do not apply to areas, surfaces, or utensils which will come in contact with food. Take extreme care to avoid contamination of food or food contact surfaces or introducing the material into the air. Any individual spot treatment shall not exceed 2 square feet.

When necessary to treat electrical distribution facilities and equipment for effective control of the above insect pests, treat only with Diazinon 4E in low odor kerosene. Do not use Diazinon 4E in water in these areas due to shock hazard. Prior to treatment de-energize circuits and do not re-energize until the material has thoroughly dried to minimize the danger of ignition of the material by sparks produced during operation of the equipment.

Food and Nonfood Areas: Spot Treatment—As a spot treatment, apply 1/2-1% as a coarse, low pressure fan spray to floor surface areas around water pipes, beneath cabinets, refrigerators, sinks, stoves, storage areas, and similar areas where cockroaches, ants, spiders, and silverfish hide.

Crack and Crevice Treatment—As a crack and crevice treatment, use equipment capable of delivering a pin stream of insecticide and apply 1/2-1% directly into such spaces as expansion joints between different elements of construction and between equipment bases and the floor, wall boards or in hollow equipment legs.

These treatments also aid in the control of pantry pests (exposed stages of sawtoothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces. Repeat applications as necessary.

Ornamental Insects

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gudiol, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below:

Insects	Rate per 3 gals. water	Rate per 100 gals. water
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, Oystercrutch Weevils, Omnivorous Leafhoppers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium, Pine Needle, San Jose, Soft), Thrips, Twospotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 pt.**
Apple-and-Thorn Skeletonizers, Coloneaster Webworms, Fall Webworms, Hemlock Cherries, Oak Looper, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars	1-1/2 fl. oz.*	3 pts.**

*1 fl. oz. = 2 tablespoons **16 fl. oz. = 1 pint

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

Mimosa Webworms: Mix 1/2 fl. oz. in 3 gals. of water (or 1 pt. in 100 gals. 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.

Lawn Insects

To control insects listed below, apply recommended rates. For control of Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Springtails (Collembola), which are commonly found near the house and may enter the house, spray a 5-ft. band around the house, as well as the house foundation wall to a height of 2 to 3 ft. Repeat application if necessary.

Insects	Rate per 1,000 sq. ft.		Remarks
	NAMCO Diazinon 4E	Water	
Lawn Chinch Bugs	2 to 3 fl. oz. or 3 to 6 fl. oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Springtails (Collembola), Crickets, Cutworms, Digger Wasps, Earwigs, Fire Flies, Lawn Grubs, Sod Webworms (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For fire 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	1-1/4 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.	3 gals.	
Rhodesgrass Scales	5 fl. oz.	25 gals.*	Apply when crawlers first emerge.

*Or, make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

Boxelder Bugs: Spray bugs outside the home with 1-1/4 to 2-1/2 fl. oz. (2-1/2 to 5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Hyperoside Weevil (New York only): Apply 3 fl. oz. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

Billbugs, White Grubs (such as Japanese Beetle Larvae, European Chaffer, Southern Chaffer): Apply 4 fl. oz. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

Fire Ants

To aid in the control of fire ants in lawns and other recreation areas, apply 1/2 fl. oz. (1 tbsp.) in a minimum of 1 gal. of water as a drench. Apply over and over 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the drench product as a gentle rain at the rate of 1 gal. 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.

Fruit and Nut Crops

NAMCO Diazinon 4E may be used to treat the following fruit and nut crops in backyard and other non-commercial plantings. The directions for use which follow are for dilute full coverage sprays. In the directions for use which follow, best control is obtained when application is made at the first sign of insects. Applications should be repeated as necessary to maintain control.

NOTE: In California, notification is to be furnished to the homeowner or other responsible person of the following:

- 1) the pre-harvest interval, as stated below, when fruit is present
- 2) the re-entry period, i.e., number of days from the day of application during which substantial contact with the treated citrus, grapes, and peaches and nectarines should be avoided.

Rhodegrass Scales	5 fl. oz.	25 gals *	Apply when crawlers first emerge
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*Or, make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

Boxelder Bugs: Spray bugs outside the home with 1-1/4 to 2-1/2 fl. oz. (2-1/2 to 5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Hyperodes Weevil (New York only): Apply 3 fl. oz. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

White Grubs (such as Japanese Beetle Larvae, European Chafer, Southern Chafer): Apply 4 fl. oz. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

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NOTE: In California, notification is to be furnished to the homeowner or other responsible person of the following:

- 1) the pre-harvest interval, as stated below, when fruit is present
- 2) the re-entry period, i.e., number of days from the day of application during which substantial contact with the treated citrus grapes, and peaches and nectarines should be avoided
 - a) no foliage is present, 3 days
 - b) if foliage is present, 6 days
 - c) When a mixture of two or more organophosphate pesticides is applied, the interval shall be prolonged by adding to the longest applicable interval an additional 50% of that interval.

ALMONDS

Mites, Twig Borers. Apply 1 to 1-1/2 pts. per 100 gals. of water.

Parlatoria Scales, San Jose Scales. Mix 1 to 1-1/2 pts. of this product plus 2-3 gals. dormant oil per 100 gals. of water and apply as a dormant spray.

Almond hulls may be used for feed for livestock.

APRICOTS

Aphids, Brown Mites (Clover Mites), Twospotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers. Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive Scale Crawlers. Mix 1/2 pt. of this product plus 1-1/2 gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Apricot Mealybugs. Mix 1 pt. per 100 gals. of water. Apply as a cover spray from petal fall to June.

Do not apply within 10 days of harvest.

BLUEBERRIES

Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Twospotted Mites. Mix 1 pt. per 100 gals. of water.

Do not apply within 7 days of harvest.

CANEBERRIES

Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries.

Leafhoppers, Thrips, Aphids, Twospotted Mites, Raspberry Sawflies. Apply 1 pt. per 100 gals. of water.

Raspberry Fruitworms. Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open.

Dryberry Mites. Apply 1 to 2 pts. per 100 gals. of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. Make a second application when the buds are well developed, but still closed.

Do not apply within 7 days of harvest.

Raspberry Crown Borers (Raspberry Root Borers). Apply 1 to 2 qts. per 100 gals. of water as a drench to the crown area and to the lower canes. Apply either in the spring before berries begin to form, or in the fall after harvest.

CHERRIES

Eyespotted Bud Moths, Fruitree Leafrollers. Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary beginning with petal fall.

Cherry Fruit Flies. Mix 1/2 to 1 pt. per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals.

Leafhoppers. Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

Black Cherry Aphids. Mix 1 pt. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days.

San Jose Scale Crawlers. Mix 1 pt. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear.

Do not apply within 10 days of harvest.

Cherry Rust Mites. Mix 1/2 to 1 pt. per 100 gals. of water. Apply as a supplemental spray after harvest.

CITRUS FRUITS

Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Ceron, Kumquats, and hybrids of these.

Citrus Aphids, Fruitree Leafrollers, Cottony Cushion Scale Crawlers, Soft Scale Crawlers. Apply 1/2 to 1 pt. per 100 gals. of water as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruitree Leafrollers. Use 1/2 to 1 pt. per 100 gals. of spray when an average of 50 percent of eggs in egg masses have hatched in the spring.

Citrus Thrips. Apply 1 pt. in 100 gals. of water when thrips first appear.

Citrus Snow Scales. Apply 1 to 2 pts. per 100 gals. of water as a postbloom spray and again as a summer spray. For heavy snow scale infestations, use the higher dosage rate. Thorough coverage of tree trunks, limbs, and twigs is essential.

Do not apply during bloom. Do not apply to citrus within 21 days of harvest. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

FIGS

Vinegar Flies (*Drosophila* spp.), Dried Fruit Beetles. Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest.

FILBERTS

Filbert Leafrollers, Aphids. Apply 1 pt. per 100 gals. of water as a thorough cover spray.

GRAPES

Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leafrollers. Apply 1/2 to 1 pt. per 100 gals. of water as a thorough cover spray. Do not apply within 18 days of harvest.

Drosophila spp.: Apply 1 pt. per 100 gals. of water as a thorough cover spray, or apply when insects first appear. Make additional applications at weekly intervals as necessary.

Do not apply within 7 days of harvest.

OLIVES

Olive Scales. Mix 3/4 to 1 pt. of this product plus 1-1/2 gals. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July.

Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest.

PEACHES, NECTARINES

Aphids, Brown Mites (Clover Mites), Twospotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers. Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

APRICOTS

Aphids, Brown Mites (Clover Mites), Twospotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive Scale Crawlers: Mix 1/2 pt. of this product plus 1-1/2 gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Apricot Mealybugs: Mix 1 pt. per 100 gals. of water. Apply as a cover spray from petal fall to June. Do not apply within 10 days of harvest.

BLUEBERRIES

Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Twospotted Mites: Mix 1 pt. per 100 gals. of water. Do not apply within 7 days of harvest.

CANEBERRIES

Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries.

Leafhoppers, Thrips, Aphids, Twospotted Mites, Raspberry Sawflies: Apply 1 pt. per 100 gals. of water.

Raspberry Fruitworms: Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open.

Dryberry Mites: Apply 1 to 2 pts. per 100 gals. of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. Make a second application when the buds are well developed, but still closed.

Do not apply within 7 days of harvest.

Raspberry Crown Borers (Raspberry Root Borers): Apply 1 to 2 qts. per 100 gals. of water as a drench to the crown area and to the lower canes. Apply either in the spring before berries begin to form, or in the fall after harvest.

CHERRIES

Eyespotted Bud Moths, Fruitree Leafrollers: Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary beginning with petal fall.

Cherry Fruit Flies: Mix 1/2 to 1 pt. per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals.

Leafhoppers: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

Black Cherry Aphids: Mix 1 pt. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days.

San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear.

Do not apply within 10 days of harvest.

Cherry Rust Mites: Mix 1/2 to 1 pt. per 100 gals. of water. Apply as a supplemental spray after harvest.

CITRUS FRUITS

Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Citron, Kumquats, and hybrids of these.

Citrus Aphids, Fruitree Leafrollers, Cottoncushion Scale Crawlers, Soft Scale Crawlers: Apply 1/2 to 1 pt. per 100 gals. of water as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruitree Leafrollers: Use 1/2 to 1 pt. per 100 gals. of spray when an average of 50 percent of eggs in egg masses have hatched in the spring.

Citrus Thrips: Apply 1 pt. in 100 gals. of water when thrips first appear.

Citrus Snow Scales: Apply 1 to 2 pts. per 100 gals. of water as a postbloom spray and again as a summer spray. For heavy snow scale infestations, use the higher dosage rate. Thorough coverage of tree trunks, limbs, and twigs is essential.

Do not apply during bloom. Do not apply to citrus within 21 days of harvest. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

FIGS

Vinegar Flies (*Drosophila* spp.), Dried Fruit Beetles: Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest.

FILBERTS

Fiblet Leafrollers, Aphids: Apply 1 pt. per 100 gals. of water as a thorough cover spray.

GRAPES

Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leafrollers: Apply 1/2 to 1 pt. per 100 gals. of water as a thorough cover spray. Do not apply within 18 days of harvest.

Drosophila spp.: Apply 1 pt. per 100 gals. of water as a thorough cover spray, or apply when insects first appear. Make additional applications at weekly intervals as necessary.

Do not apply within 7 days of harvest.

OLIVES

Olive Scales: Mix 3/4 to 1 pt. of this product plus 1-1/2 gals. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July.

Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest.

PEACHES, NECTARINES

Aphids, Brown Mites (Clover Mites), Twospotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive Scale Crawlers: Mix 1/2 pt. of this product plus 1-1/2 gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Oriental Fruit Moths: Mix 1 pt. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult oriental fruit moth flight, if possible.

Peach Twig Borers: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June.

Leafhoppers (Peaches only): Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

White Peach Scale (Peaches only): As a post-harvest spray apply 1-1/2 to 2 pts. per 100 gals. of water timed to coincide with peak crawler and immature scale activity. Under conditions of heavy infestations, two applications may be necessary.

Do not apply to peaches within 20 days, or to nectarines within 10 days, of harvest.

PECANS

Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars: Apply as a foliage spray using 1 pt. per 100 gals. of water. Do not apply after husks crack.

PINEAPPLES

Pineapple forage and refuse may be fed to livestock 7 days following last application.

Mealybugs: Apply 2 qts. per 100 gals. of water. May be applied on day of harvest.

Scales: Apply 5 qts. of this product plus 2 gals. of light or medium horticultural oil in 500 gals. of water per acre to the vegetative slips on the plants following harvest of pineapple. (2 qts.)

PLUMS, PRUNES

Brown Mites (Clover Mites), European Red Mites: Apply 1 pt. per 100 gals. of water.

Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids: Apply 1/2 to 1 pt. per 100 gals. of water.

Do not apply within 10 days of harvest.

STRAWBERRIES

Aphids, Twospotted Spider Mites: Apply 1 pt. per 100 gals. of water.

Cyclamen Mites: Apply 1 pt. per 100 gals. of water, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional applications, if necessary, after harvest.

Mole Crickets: Broadcast 1/2 pt. per 10,000 sq. ft. when insects are present. Apply 1 to 2 days before transplanting and immediately mix into the top 1 to 2 inches of soil.

Strawberry Leafrollers: Mix 3/4 to 1 pt. per 100 gals. of water. Apply 50 gals. of spray per 10,000 sq. ft. when blossoms show color. Do not apply within 5 days of harvest.

WALNUTS

Aphids, Mites: Apply 1 pt. per 100 gals. of water as a foliage spray.

Codling Moths, Scale Crawlers, Walnut Caterpillars: Apply 1-2 pts. per 100 gals. of water as a foliage spray.

Do not apply after the husks open.