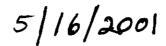
19713-399

ACCEPTED

MAY 1 6 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 197(3-39G







Endosulfan 3EC

Insecticide

For Agricultural or Commercial Use Only

ACTIVE INGREDIENT:

Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin-3-oxide) 34.0% OTHER INGREDIENTS:* 66.0%

TOTAL: 100.0%

This product contains 3 pounds of Endosulfan per gallon. *Contains xylene range aromatic solvent.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO
POISON VENENO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See FIRST AID Below
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-399 EPA Est. No. 19713-GA-1

Net Contents:

FIRST AID

IF SWALLOWED:

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

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

NOTE TO PHYSICIAN: Endosulfan is a central nervous system stimulant absorbable by mouth, inhalation or through contact with skin. It may cause convulsions. There is no specific antidote. Diazepam I.V. is the drug of choice. Barbituric acid derivatives such as Phenobarbital may be used additionally. A neuromuscular blocking agent may be used if convulsions persist. This type of drug may be used only if complete control of respiration can be maintained. Epinephrine derivatives are absolutely contraindicated. This formula contains petroleum hydrocarbons (xylene range aromatic solvent). Care should be taken to prevent aspiration because of the possibility of chemical pneumonia or pulmonary edema due to the organic solvent in the

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Fatal if swallowed. Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. May be fatal if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not contaminate food or feed. Keep out of reach of domestic animals. Food utensils such as teaspoons or measuring cups must not be used for food purposes after use in measuring pesticides. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier laminate or Viton ≥ 14 mils., chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or

ment, mixing or loading. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

HE prefilter. Add a chemical-resistant apron when cleaning equip-

ENGINEERING CONTROL STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE Immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Due to the risk of runoff and drift, do not apply within a distance of 300 feet of lakes, ponds, streams 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. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. 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 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.

Manufactured By:
Drexel Chemical Company
P.O. 80X 13327, MEMPHIS, TN 38113-0327
SINCE 1972

•• 399SP-0401++ ENDOSULFAN 3EC Page 1 of 10 -- PENDING 1

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 24 hours.

Exception: If the product is soil-injected or soil-incorporated, the WPS, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves such as Barrier laminate or Viton > 14 mils., protective eyewear, chemical-resistant footwear plus socks and chemical-resistant headgear for overhead exposure.

See "CALIFORNIA SUPPLEMENTAL LABEL" (at the end of this label) for required procedures for reducing risk of contamination of aquatic ecosystems.

GENERAL INSTRUCTIONS

Not for use or storage in or around the home. Do not use in undiluted form. Apply the listed amount per acre when insects first appear and repeat as required, unless otherwise noted, to maintain effective control. Use in sufficient water for thorough coverage of listed crops, unless otherwise noted. Coverage of upper and lower leaf surfaces is essential for good control. For ground application, apply recommended amount of pesticide in a minimum of 10 gallons of water per acre on vegetable or row crops, unless otherwise noted. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides. When applying this material by aircraft, mix the recommended amount with sufficient water to provide a minimum of 1 gallon of finished spray per acre on vegetable and field crops, unless otherwise noted, and a minimum of 20 gallons of finished spray per acre on Fruit and Nut trees and on vines. Where more than 2 quarts of this material are recommended, mix with sufficient water to provide a minimum of finished spray equal to twice the amount of this product used. Do not plant root crops other than Carrots, Potatoes, Sweet potatoes and Sugar beets as follow-up crops. Observe days interval between last application and harvest.

Observe state and regional restrictions and limitations if indicated in the crop headings. (CA only) indicates instructions specific to California. (Except CA) indicates uses for all states excluding California. No state restrictions indicates that the use is valid in California and all other states.

CHEMIGATION STATEMENT

CHEMIGATION USE INSTRUCTIONS—POTATOES ONLY

Do not apply this product through any type of irrigation system to other crops. Do not apply this product to Potatoes through any type of irrigation system unless chemigation application instructions are followed.

APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION

Apply this product only through sprinkler, including center pivot, lateral move, end tow side (wheel) roll, traveler, bug gun, solid set or hand move irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for the operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Mix in clean supply tank the recommended amount of this product for acreage to be covered and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination non-injurious under your conditions of use. Follow precautionary statements and directions for all tank-mix products.

On all crops, use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and state of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Meter this product into the irrigation water uniformly during the period of operation. Do not overlap application. Follow recommended label rates, application timing and other directions and precautions for crop being treated. Continuous mild agitation of pesticide mixture may be needed to assure a uniform application, particularly if the supply tank requires a number of hours to empty.

Do not apply when wind speed favors drift beyond the area intended for treatment.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS Note: DREXEL CHEMICAL does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before selecting to make such a connection.

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from a point of pesticide introduction. As an option the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injections pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shutdown.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

SPRINKLER CHEMIGATION (FOLIAR SPRAY USES)

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system Interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

PROCEDURES FOR REDUCING THE RISK OF CONTAMINATION OF AQUATIC ECOSYSTEMS

FOR CROP USES LISTED ON THE PRODUCT LABEL

Endosulfan may be a source of contamination in aquatic ecosystems as a result of runoff from agricultural land due to discharge of irrigation water or during periods of heavy rainfall.

To minimize the chance of aquatic impact, the following conditions must be met to allow applications of this product:

DIRECTIONS FOR USE (GENERAL)

In addition to specific instructions under "DIRECTIONS FOR USE" on the principal labels, the following conditions must also be followed for use in California:

- Do not apply this product to fields during irrigation or irrigate for 72 hours following an application.
- 2. Do not apply this product through any type of irrigation system.
- 3. Do not apply more than 1.5 lbs. of active ingredient per acre per application or more than 3 pounds of active ingredient per acre per season. (Orchard crops and Strawberries exempted on rate per acre per application restriction).
- Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
- Do not apply by ground or air within a distance of 300 feet to natural bodies of water including lakes, ponds, streams and estuarles.

FOR DRIFT CONTROL

- All application equipment should be properly maintained and calibrated using appropriate carriers.
- Do not make aerial or ground applications during temperature inversions.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 10 mph. Do not discharge at a height of more than 10 feet above the crop or target.
- 4. For aerial applications, a positive shutoff system shall be in place to control flow of liquid to spray nozzles as follows: each individual nozzle shall be equipped with a check valve and the flow controlled by a suckback device or a boom pressure release device; or each nozzle shall be equipped with a positive action valve.
- For aerial applications, the spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor vortices. The working boom length must not exceed 75 percent of wing span or rotor diameter.
- Aircraft boom pressure shall not exceed 40 pounds per square inch.
- Aircraft nozzles shall be equipped with orifices directed backward parallel to the horizontal axis of the aircraft in flight.
- Aircraft nozzles shall not be equipped with any device or mechanism which would cause a sheet, cone, fan or similar type dispersion of the discharged material except as otherwise provided.
- Fixed wing aircraft and helicopters operating in excess of 60 mph shall be equipped with jet nozzles having an orifice not less than 1/16 inch in diameter (D-4 or larger).
- Helicopters operating at 60 mph or less shall be equipped with nozzles having an orifice not less than ¼ inch in diameter. A number 46 or equivalent whirlplate may be used.
- 11. For ground applications, equipment other than handguns shall be equipped with nozzles having an orifice not less than 1/6 inch in diameter or larger. Boom nozzles shall not be operated at a boom pressure not to exceed 30 pounds per square inch.

ACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT

- Fields, with no drains, having containment through berms (able to hold irrigation water and normal rainwater) and Levees and non-draining circulation systems.
- Fields with drains, but drainage flows to sump, farm pond, evaporation pond or recirculation system without drainage (uncontrollable overflow acceptable, e.g., 10 or 100 year flood). Only grower maintained recirculation systems without drainage are acceptable.
- Fields with surface drains that naturally flow onto pastureland or fallow fields that have no channeled drainage and are at least 300 feet long.

UNACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT

- Fields draining directly into surface waters such as streams, rivers, lakes, ponds, marshes, bays, estuaries or the ocean.
- Fields draining into surface drainage ditches or canals that flow directly into surface waters such as streams, rivers, lakes, ponds, marshes, bays, estuaries or the ocean.
- Any and all fields with surface drainage patterns in the Moss Landing Drainage System having main arteries that drain into the Elkhorn Slough (Northern portion of Monterey County).
- Any and all fields with drainage patterns in San Diego Creek drainage system having main arteries that drain into Newport Bay.

OBSERVE DAYS INTERVAL BETWEEN LAST APPLICATION AND HARVEST INDICATED BY NUMBER IN () FOLLOWING CROP.

| Crop | Pests | Rate of Application |
|----------------------------|--|--|
| Apples (21) (Except CA) | Aphids (including Apple aphids, Rosy apple aphids, Woolly apple aphids), Apple rust mites, Green fruitworms, Tamished plant bugs, Tentiform leafminers, White apple leafhoppers (first generation) | % qt. per 100 gals. or a maximum of 3% qts. per acre |
| | SPECIFIC DIRECTIONS: Applications reand/or petal fall provide best control of 1 bugs and Green fruitworms. For best control white apple leafhoppers, apply what appear on leaves. If necessary, prior to per 100 gals, to control Apple aphids are application as soon as moth flight begin application should be made 10 days late. | arnished plant introl of first gene- nen nymphs first petal fall, use 1 qt. iid Rosy apple irs, make first s. A second |

Note: Do not feed pomace from treated Apples to livestock. Do not feed cult fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications during the fruiting period. Do not make more than 3 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

| Apples (30) (CA only) | Aphids (including Apple aphids, Rosy apple aphids, Woolly apple aphids), Apple rust mites, White apple leafhoppers (first generation) | 34 qt. per 100 gallons or a maximum of 315 qts. per acre |
|--------------------------|---|---|
| | SPECIFIC DIRECTIONS: For best contration White apple leafhoppers, apply whappear on leaves. If necessary, prior to per 100 gals, to control Apple aphids an aphids. | hen nymphs first petal fall, use 1 qt. |

Note: Do not feed pornace from treated Apples to livestock. Do not feed cuil fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications during the fruiting period. Do not make more than 3 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

| Apricots (21), | Peachtree borers, Lesser peachtree | 1 qt per 100 |
|-----------------------------|--|--------------------------|
| Nectarines (21), | borers | gals. or 23/5 to 31/5 |
| Peaches (21) (Except CA) | | qts. per acre Pacific |
| • • • | | Northwest: |
| | | 3∕5 to 1 qt. |
| | | per 100 gals. |
| | | Southeastern |
| | | States: |
| | | 2 to 315 qts. |
| | Į | per 100 gals. |
| | SPECIFIC DIRECTIONS: Best control single application post-harvest. Spray a | |

Note: Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

ground level to lower scaffold limbs.

| Apricots (30), Nectarines (30), Peaches (30) (Except CA) | Aprids (including Black cherry aprids, Black peach aprids, Green peach aprids, Rusty plum aprids), Catfacing insects (Stink bug type), Green fruit- worms, Peach silver mites, Peach twig borers | 35 qt. per 100 gals. or a maximum of 335 qts. per acre |
|---|---|---|
| ****** | SPECIFIC DIRECTIONS: Make applical appear or feeding is noticed. | ions when insects |

Note: Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

| Apricots (30), Nectarines (30), Peaches (30) (CA only) | Aphids (including Black cherry aphids, Black peach aphids, Green peach aphids, Rusty plum aphids), Catfacing insects (Stink bug type), Peach silver mites, Peach twig borers | % qt.per 100 gals. or a maximum of 3% qts. per acre |
|---|--|--|
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | tions when insects |
| Mates De antifec | d and Sales to enimale as allow the advant | and the second |

Note: Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

| Barley, Oats, Rye, Wheat | Army cutworms | % qt.peracre |
|-----------------------------|--|---------------------|
| (Except CA) | SPECIFIC DRECTIONS: Apply when small larvae are readily found in the field. For aerial application, apply in a | |
| | gals. of crop oil per acre. | caucii, appiy iii z |

| Crop | Pests | Rate of Application |
|---|--|--|
| (Continued) | Cereal leaf beetles (IL, IN, MI, OH Only) | 15 to 35 qt. per acre |
| Barley, Oats, Rve, Wheat | SPECIFIC DIRECTIONS: Apply when sn | L |
| (Except CA) | readily found in the field. For aerial application, use a minimum of 1 to 2 gals, of water per acre. | |
| | Aphids (including Russian | 3/5 to 1 qt. |
| | wheat aphids) SPECIFIC DIRECTIONS; Make applications | per acre ons when insects |
| | appear or feeding is noticed. | |
| livestock. Do not | ply after heads begin to form. Do not feed make more than 2 applications per year. I lb. of active ingredient (i.e., 1 ½ qts.) per ac | Do not exceed a |
| Barley, Oats, Rye, Wheat | Army cutworms | 34 qt. per acre |
| (CA Only) | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | Aphids (including Russian wheat aphids) | 3/3 to 1 qt. per acre |
| | SPECIFIC DIRECTIONS: Make applicati | |
| | appear or feeding is noticed. | |
| livestock. Do not | ply after heads begin to form. Do not feed make more than 2 applications per year. Ib. of active ingredient (i.e., 1½ qts.) per ac | Do not exceed a |
| Beans , | Black bean aphids, Bean leaf skele- | 3/3 to 11/3 qts. |
| Succulent and Dry (except | tonizers, Cowpea curculios, Cucumber beetles, Flea beetles, Green stink | per acre |
| Lima beans) (3) | bugs, Leafhoppers, Mexican bean | |
| and Southern Field Peas | beetles SPECIFIC DIRECTIONS: Make application | 000 |
| (Succulent type, | appear or feeding is noticed. For control | |
| including Black- | curculios, make 3 applications at 5-day in | |
| eyed peas, Crowder peas | when the pods are ½ inch long. | |
| and Southern | Aphids, Armyworms, Western bean cutworms, Whiteflies | 1½ qts. per acre |
| peas) (3) (Except CA) | SPECIFIC DIRECTIONS: Make applicable | |
| (- ··· r / | appear or feeding is noticed. For control | |
| | culios, make 3 applications at 5-day inter the pods are ½ inch long. | vals starting whe |
| fields. Do not use processing. Do n | culios, make 3 applications at 5-day inter | vals starting whe raze in treated orn the field for r. Do not exceed |
| fields. Do not use processing. Do n a maximum of 3 Beans, | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to g on Lima beans that are to be removed from the more than 3 applications per yea. Ibs. of active ingredient (i.e., 4 qts.) per ac Black bean aphids, Bean leaf skele- | raze in treated orn the field for r. Do not exceed re per year. 35 to 115 qts. |
| fields. Do not use processing. Do n a maximum of 3 Beans , Succulent and | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threstings or allow livestock to g to Lima beans that are to be removed find to make more than 3 applications per year los, of active ingredient (i.e., 4 qts.) per ac Black bean aphids, Bean leaf skele- tonizers, Cucumber beetles, Flea | vals starting whe raze in treated om the field for r. Do not exceed re per year. |
| fields. Do not use processing. Do n a maximum of 3 Beans, | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to g on Lima beans that are to be removed from the more than 3 applications per yea. Ibs. of active ingredient (i.e., 4 qts.) per ac Black bean aphids, Bean leaf skele- | raze in treated orn the field for r. Do not exceed re per year. 35 to 115 qts. |
| fields. Do not use processing. Do not a maximum of 3 Beans, Succulent and Dry (except Lima beans) (3) and Southern | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to g on Lima beans that are to be removed fin not make more than 3 applications per year los, of active ingredient (i.e., 4 qts.) per ac Black bean aphids, Bean leaf skele- tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhop- pers, Mexican bean beetles | raze in treated orn the field for . Do not exceed re per year. 34 to 115 qts. per acre |
| fields. Do not use processing. Do n a maximum of 3 Beans, Succulent and Dry (except Lima beans) (3) | culios, make 3 applications at 5-day inter the pods are ½ inch long. Individual treated threshings or allow livestock to go on Lima beans that are to be removed find the more than 3 applications per year. Ibs. of active ingredient (i.e., 4 qts.) per active ingredient (j.e., 4 qts.) per active ingredient earlies skeletonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhop- | raze in treated fraze in treated orn the field for f. Do not exceed re per year. 34 to 115 qts. per acre |
| fields. Do not use processing. Do n a maximum of 3 Beans, Succulent and Dry (except Lima beans) (3) and Southern Field Peas (Succulent type, including Black- eyed peas, | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to g en Lima beans that are to be removed fin to make more than 3 applications per year los, of active ingredient (i.e., 4 qts.) per ac Black bean aphids, Bean leaf skele- tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhop- pers, Mexican bean beetles SPECIFIC DIRECTIONS: Make application | raze in treated fraze in treated fraze in treated from the field for f. Do not exceed re per year. % to 1½ qts. per acre 1½ qts. |
| fields. Do not use processing. Do not use processing. Do not a maximum of 3 Beans, Succulent and Dry (except Lima beans) (3) and Southern Field Peas (Succulent type, including Blackeyed peas, Crowder peas and Southern | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threstings or allow livestock to g on Lima beans that are to be removed from the more than 3 applications per year loss of active ingredient (i.e., 4 qts.) per active ingredient beat beatles. Green stink bugs, Leafhoppers, Mexican bean beetles SPECIFIC DIRECTIONS: Make applicative appear or feeding is noticed. Aphids, Westem bean cutworms. | raze in treated for the field |
| fields. Do not use processing. Do not use processing. Do not a maximum of 3 Beans, Succulent and Dry (except Lime beans) (3) and Southern Field Peas (Succulent type, including Blackeyed peas, Crowder peas and Southern peas) (3) (CA Only) | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to go on Lima beans that are to be removed fire of make more than 3 applications per year loss of active ingredient (i.e., 4 qts.) per actionizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhoppers, Mexican bean beetles SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. Aphids, Western bean cutworms, Whiteflies SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | raze in treated for the field |
| fields. Do not use processing. Do not use processing. Do not a maximum of 3 Beans, Succulent and Dry (except Lima beans) (3) and Southern Field Peas (Succulent type, including Blackeyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fee fields. Do not use processing. Do not use | culios, make 3 applications at 5-day inter the pods are ½ inch long. Id treated threshings or allow livestock to g on Lima beans that are to be removed from the more than 3 applications per yea. Black bean aphids, Bean leaf skeletonizers, Cucumber beetles, Fleatonizers, Cucumber beetles SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. Aphids, Western bean cutworms, Whiteflies SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | raze in treated om the field for . Do not exceed re per year. 34 to 115 qts. per acre ons when insects 115 qts. per acre ons when insects raze in treated om the field for . Do not exceed |
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| Crop | Pests | Rate of Application |
|---|--|---|
| Broccoli (7), Brussels sprouts (14), Cabbage (7), Cauliflower (14) (CA Only) | Cabbage aphids, Cabbage loopers, Cross-striped cabbageworms, Diamondback moths (larvae), Flea beetles, Harlequin bugs, Imported cabbageworms, Stink bugs | 1 to 1½ qts. per acre |
| l | applications when insects appear or feeding is noticed. | |
| | Armyworms, Culworms, Whiteflies | 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | |
| | ke more than 2 applications per year. Do bs. of active ingredient (i.e., 2% qts.) per | |
| Carrots (7) (Except CA) | Green peach aphids, Leafhoppers | % to 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ion when insects |
| | Armyworms, Flea beetles, Whiteflies | 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ion when insects |
| per year. Do not | e tops for food or feed. Do not make more exceed a maximum of 1.0 lb. of active ing | |
| Carrots (7) | Green peach aphids | % to 1% qts. |
| (CA Only) | SPECIFIC DIRECTIONS: Make applicat | per acre ion when insects |
| | appear or feeding is noticed. Flea beetles, Whiteflies | 1½ qts. per acre |
| | tops for food or feed. Do not make more exceed a maximum of 1 lb. of active ingre | than 1 application |
| Celery (4) (Except CA) | Green peach aphids, Oabbage loopers, Leafhoppers | ¾ to 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | on when insects |
| | Armyworms, Flea beetles, Whiteflies | 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | on when insects |
| | ke more than 1 application per year. Do n of active ingredient (i.e., 11/6 qts.) per acre | |
| Celery (7) (Except CA) | Green peach aphids | ⅔ qt. per acre |
| | SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. Note: Do not make more than 2 application texceed a maximum of 1 b. of active 1% qts.) per acre per year. | tions per year. Do |
| Celery (4) (CA Only) | Green peach aphids, Cabbage loopers | % to 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | |
| | Flea beetles, Whiteflies | 1½ qts. per acre |
| · | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | on when insects |
| | ke more than 1 application per year. Do n of active ingredient (i.e., 11/3 qts.) per acre | |
| Celery (7) (CA Only) | Green peach aphids | 35 qt. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ons when insects |
| Note: Do not ma maximum of 1 lb. | ke more than 2 applications per year. Do of active ingredient (i.e., 115 qts.) per acre | not exceed a per year. |
| Chemies (21) (Except CA) | Peachtree borers, Lesser peachtree borers | 1 qt. per 100 gals. or 2% to 3% qts. per acre |
| | | Pacific Northwest: |
| | | % to 1 qt per 100 gais |
| | SPECIFIC DIRECTIONS: Best control is single application post-harvest after leave Spray all bank areas from ground level to limbs. | es have dropped. |
| (Continued) | | |

| Сгор | Pests | Rate of Application |
|---|---|--|
| Chemies (21) (Except CA) | Black cherry aphids, Green fruitworms, Plum rust (nursery) mites | % qt. per 100 gals. or 2% to 3% qts. per acn |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ions when insects |
| | Pacific Northwest only: Eyespotted bud moths, Fruittree leafrollers | % qt. per 100 gals. or 2% to 3% qts. per acn |
| | SPECIFIC DIRECTIONS: For Bud moth popcom stage. For Leafroller control, ap stage of growth. | |
| | MI Only: Mineola moths | 1½ qts. per 100 gals. |
| | SPECIFIC DIRECTIONS: Apply in the depended. | alayed dormant |
| orchards. Do no | ed cull fruits to animals or allow livestock to it make more than 2 applications per year, i os, of active ingredient (i.e., 4 qts.) per acre | Do not exceed a |
| Chemies (21) (CA Only) | Black cherry aphids, Plum rust (Nursery) mites | % qt. per 100 gals, or 2% to 3% qts. per acn |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | |
| | Pacific Northwest only: Eyespotted bud moths, Fruittree leafrollers | % qt. per 100 gals, or 2% to 3% qts, per acn |
| | SPECIFIC DIRECTIONS: For Bud moth- popcom stage. For Leafroller control, ap- stage of growth. | control, apply at |
| orchards. Do no | ed cull fruits to animals or allow livestock to t make more than 2 applications per year. I as, of active ingredient (i.e., 4 qts.) per acre | Do not exceed a |
| | | |
| Cherry, Peach, Plum Nursery | Peachtree borers | 2% qts. per 40 gais. |
| | Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. | per 40 gals. Immerse trees so |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. tediately or dry before returning stock to stotive Equipment (PPE) requirements for approximations. | per 40 gals. Immerse trees so ell above the |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protectot this dipping of Cherry, Peach, Plum Nursery | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appearation. Peachtree borers | per 40 gals. Immerse trees so all above the strage. Full officators also applicators also applicators 40 gals. |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protecto this dipping of Cherry, Peach, | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. The diately or dry before returning stock to stotive Equipment (PPE) requirements for appearation. | per 40 gals. Immerse trees so all above the orage. Full licators also appl 2% qts. per 40 gals. Immerse trees so |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protec to this dipping o Cherry, Peach, Plum Nursery Stock Dip (CA Only) Note: Plant imm Personal Protec | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. nediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. nediately or dry before returning stock to stotive Equipment (PPE) requirements for app | per 40 gals. Immerse trees so all above the orage. Full licators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protector this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only) Note: Plant imm Personal Protector this dipping of Citrus (Non-bearing | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. nediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. nediately or dry before returning stock to stotive Equipment (PPE) requirements for app | per 40 gals. Immerse trees so all above the orage. Full licators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protec to this dipping o Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protec to this dipping o Citrus (Non-bearing trees and Nursery stock) | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting but scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appearation. Citrus aphids | per 40 gals. Immerse trees so all above the orage. Full licators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full licators also apple % qt. per 100 gals. or a maximum of 3½ qts. per acres |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protec to this dipping o Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protec to this dipping o Citrus (Non-bearing trees and Nursery stock) (Including CA) | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appearation. Citrus aphids SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | per 40 gals. Immerse trees so all above the orage. Full licators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full licators also apple 3% qt. per 100 gals. or a maximum of 31% qts. per acresons when insects |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protector this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only) Note: Plant imm Personal Protector this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA) Note: Do not apmonths, Do not | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appearation. Citrus aphids SPECIFIC DIRECTIONS: Make applications and crowns are covered we grafting bud scar. | per 40 gals. Immerse trees so all above the orage. Full olicators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full olicators also apple orage. Full olicators also apple 3% qt. per 100 gals. or a maximum of 3% qts. per acresons when insects ont within 12 on of exceed a |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protector this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only) Note: Plant imm Personal Protector this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA) Note: Do not apmonths, Do not | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appreration. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appreration. Citrus aphids SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed. | per 40 gals. Immerse trees so all above the orage. Full olicators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full olicators also apple orage. Full olicators also apple 3% qt. per 100 gals. or a maximum of 3% qts. per acresons when insects ont within 12 or not exceed a |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA) Note: Do not appronths. | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apprenation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apprenation. Citrus aphids SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. roll to bearing trees or trees that will bear finake more than 2 applications per year. Does, of active ingredient (i.e., 4 qts.) per acre. Aphids, Cabbage loopers, Diamondback moths (larvae), Fall armyworms, Flea beeties, Harlequin bugs, Imported cabbageworms, Leafhoppers SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | per 40 gals. Immerse trees so all above the orage. Full officators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full officators also apple officators a |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA) Note: Do not appronths. | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting but scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apprevation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apprevation. Citrus aphids SPECIFIC DIRECTIONS: Make application appears or feeding is noticed. Aphids, Cabbage loopers, Diamondback morts (larvae), Fall armyworms, Flea beetles, Harlequin bugs, Imported cabbageworms, Leafhoppers SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. Whiteflies SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | per 40 gals. Immerse trees so all above the orage. Full officators also applicators when insects on when insects applicators also applicators when insects applicators also app |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting but scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for apperation. Citrus aphids SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. Aphids, Cabbage kopers, Diamondback morts (larvae), Fall armyworms, Flea beetles, Harlequin bugs, Imported cabbageworms, Leafhoppers SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. Whiteflies SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. Whiteflies | per 40 gals. Immerse trees so all above the orage. Full olicators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full olicators also apple orage. Full olicators also apple 3% qt. per 100 gals. or a maximum of 3% qts. per acre ons when insects on the consecution of the cons |
| Plum Nursery Stock Dip (Except CA) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip CA Only) Note: Plant imm Personal Protect to this dipping of Cherry, Peach, (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) Note: Do not appropriate to this dipping of Cherry (Including CA) | SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting but scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appreration. Peachtree borers SPECIFIC DIRECTIONS: Mix thoroughly, that the roots and crowns are covered we grafting bud scar. rediately or dry before returning stock to stotive Equipment (PPE) requirements for appreration. Citrus aphids SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. Aphids, Cabbage loopers, Diamondback morts (larvae), Fall armyworms, Flea beetles, Harlequin bugs, Imported cabbageworms, Leafhoppers SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. Whiteflies SPECIFIC DIRECTIONS: Make applicating appear or feeding is noticed. | per 40 gals. Immerse trees so all above the orage. Full olicators also apple 2% qts. per 40 gals. Immerse trees so all above the orage. Full olicators also apple orage. Full olicators also apple 3% qt. per 100 gals. or a maximum of 3% qts. per acre ons when insects on the consecution of the cons |

| Crop | Pests | Rate of Application | | |
|--|--|--|--|--|
| Cotton (Except CA) | Aphids | 1/2 to 1 qt. per acre | | |
| | SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed. Thorough important. | | | |
| ! | Boll weevils | 3/3 to 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ations when insects | | |
| | Bollworms, Cabbage koppers, Cotton leafperforators, Cotton leafworms, Fleahoppers, Lygus bugs, stink bugs, Tobacco budworms | 1½ to 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | ations when insects | | |
| • | Whiteflies | 11/3 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ations when insects | | |
| | Thrips | 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | ations when insects | | |
| ment. The higher apply after bolls | ns may be made using ground or aerial rate should be used under heavy pest p open. Do not graze dairy or meat anima maximum of 3 lbs. of active ingredient (| ressure. Do not Is in treated fields. | | |
| Cotton (CA Only) | Aphids | ⅓ to 1 qt. per acre | | |
| (G) (G) (1) () | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. Thorough important. | | | |
| | Boll weevils | 3⁄3 to 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | | | |
| | Bollworms, Cabbage loopers, Cotton leafperforators, Fleahoppers, Lygus bugs, Stink bugs | 1½ to 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | tions when insects | | |
| | Whiteflies | 1½ qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | tions when insects | | |
| | Thrips | 2 qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | tions when insects | | |
| ment. The higher apply after bolls of | ns may be made using ground or aerial rate should be used under heavy pest p pen. Do not graze dairy or meat animal maximum of 3 lbs. of active ingredient (i | ressure. Do not s in treated fields. | | |
| Cucumbers (2), Melons (2), Pumpkins (2), Summer and Winter squash (2) | Aphids, Cucumber beetles, Melonworms, Pickleworms, Rindworms (on watermelons), Squash beetles, Squash bugs, Squash vine borers, Striped flea beetles | 3/3 to 11/3 qts. per acre | | |
| (Except CA) | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. For Square apply weekly to flower buds, stems and when moths first appear. | sh vine borer control, | | |
| | Cabbage loopers, Omnivorous leafrollers, Whiteflies | 1½ qts. per acre | | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. | tions when insects | | |
| | Note: Do not make more than 6 applications per year. Do not exceed a naximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year. | | | |
| Cucumbers (2), Melons (2), Pumpkins (2), Summer and Winter squash (2) | Aphids, Cucumber beetles, Melonworms, Pickleworms, Rindworms (on watermelons), Squash beetles, Squash bugs, Squash vine borers, Striped flea beetles | 36 to 116 qts. per acre | | |
| (CA Only) | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. For Squas apply weekly to flower buds, stems and when moths first appear. | sh vine borer control, | | |
| (Continued) | по приси. | | | |

| Crop | Pests | Rate of Application |
|---|---|---|
| <i>(Continued)</i> Cucumbers (2), Melons (2), | Cabbage loopers, Omnivorous leafrollers, Whiteflies | 1% qts. per acre |
| Pumpkins (2), Summer and Winter squash (2) (CA Only) | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ions when insects |
| | ake more than 3 applications per year. Do is, of active ingredient (i.e., 4 qts.) per acn | |
| Eggplant (1) (Except CA) | Blister beetles, Colorado potato beetles, Flea beetles, Green peach aphids, Green stink bugs | 1/3 to 1/3 qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | Whiteflies | 11/5 qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ions when insects |
| | ake more than 2 applications per year. Do , of active ingredient (i.e., 1½ qts.) per act | |
| Eggplant (1) (CA Only) | Blister beetles, Colorado potato beetles, Flea beetles, Green peach aphids, Green stink bugs | 3/3 to 11/3 pts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | Whiteflies | 11/3 pts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | |
| | ake more than 2 applications per year. Do lb. of active ingredient (i.e., 1½ pts.) per a | |
| Grapes (7) (Including CA) | Grape leafhoppers. Grape phylloxera (leaf form), Rose chafers | 35 qt. per 100 gals. or 1½ to 2 qts. per acre |
| | SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed. | |
| year. Do not exc acre per year. Kale (21) (Including CA) | eed a maximum of 3 lbs. of active ingredic Cabbage flea beetles, Harlequin bugs, Imported cabbageworms | ent (i.e., 4 qts.) per |
| , | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | ake more than 1 application per year. Do r 5 lb. of active ingredient (i.e., 1 qt.) per acr | |
| Lettuce (14) (Except CA) | Cabbage loopers, Diamondback moths (larvae), Green peach aphids, Imported cabbageworms, Leafhoppers | 1 to 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | Armyworms, Whiteflies | 11/5 qts. per acre |
| | SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | ons when insects |
| thinning.Remove <i>On Leaf Lettuc</i> o Do not feed crop | Lettuce - Do not make more than 3 applies wrapper leaves at harvest. - Do not make more than 2 applications or refuse to livestock. Do not exceed a max (i.e., 4 qts.) per acre per year. | per year. |
| Lettuce (14) (CA Only) | Cabbage loopers, Diamondback moths (larvae), Green peach aphids, Imported cabbageworms | 1 to 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | ons when insects |
| | Whiteflies SPECIFIC DIRECTIONS: Make application | 11% qts. per acre |
| Note: O- U | appear or feeding is noticed. | |
| thinning, Remove <i>On Leaf Lettuc</i> e Do not feed crop | Lettuce - Do not make more than 3 applies or wrapper leaves at harvest. B - Do not make more than 2 applications or refuse to livestock. Do not exceed a max (i.e., 4 qts.) per acre per year. | рег уеаг. |
| Mustard greens (21) (Except CA) | Aphids, Cabbage loopers, Diamond- back moths (larvae), Fall armyworms, Flea beetles, Harlequin bugs, Imported cabbageworms, Leafhoppers | 1 to 1½ qts. per acre |
| | | |

| | | Rate of | |
|---|---|---|--|
| (Continued) | Pests Whiteflies | Application 1½ qts. per acre | |
| Mustard greens | SPECIFIC DIRECTIONS: Make applica | | |
| (21) (Except CA) appear or feeding is noticed. | | | |
| maximum of 1 lb. | te more than 1 application per year. Do of active ingredient (i.e., 1½ qts.) per active. | e per year. | |
| Mustard greens (21) (CA Only) | Aphids, Cabbage kopers, Diamond- back moths (larvae), Flea beetles, Harlequin bugs, Imported cabbage- worms, Whiteflies | 1 qt. per acre | |
| | SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. | ition when insects | |
| | e more than 1 application per year. Do r lb. of active ingredient (i.e., 1 qt.) per act | | |
| Pears (7) | Green fruitworms, | 3/3 qt per 100 | |
| (Except CA) | Tamished plant bugs | gals, or 23/3 to 31/3 qts, per acre | |
| | SPECIFIC DIRECTIONS: Make application or petal fall when insects appear or feet | | |
| | Pear psylla | 3½ qts. per acre | |
| ļ | SPECIFIC DIRECTIONS: Apply in a mi- | · | |
| | of water for aerial application or in 300 dilute application. Apply when adults are nymphs are small and repeat to maintai | gals, of water for e first observed or | |
| | Pear rust mites, Consperse stink bugs (Foliar treatment) | % qt. per 100 gals, or 2% to | |
| | | 31/3 qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. Stink bug- spray to obtain control. | | |
| | Consperse stink bugs (Soil treatment) | 35 qt. per 100 gals. or 200 to 400 gals. per acre | |
| | SPECIFIC DIRECTIONS: Apply to orchard floor and around trees prior to bisom. | | |
| | Pear leaf blister mites | 15 to 35 qt. | |
| | SPECIFIC DIRECTIONS: Apply to trees | per 100 gals. | |
| | or dormant treatment. | | |
| orchards. Do not not maximum of 3 lbs. | i cull fruits to animals or allow livestock to make more than 2 applications per year. of active ingredient (i.e., 4 qts.) per acre of result in satisfactory control and should table by organized. | Do not exceed a per year. Aerial | |
| Pears (7) | Pear psylla | 3½ qts. per acre | |
| (CA Only) | SPECIFIC DIRECTIONS: Apply in a min of water for aerial application or in 300 dilute application. Apply when adults are nymphs are small and repeat to maintai | gais, of water for first observed or | |
| | Pear rust mites, Consperse stink bugs (Foliar treatment) | ⅔ qt. per 100 gals. or 2⅔ to | |
| | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. Stink bugs | | |
| | spray to obtain control. | | |
| | Consperse stink bugs (Soil treatment) | % qt. per 100 gals. or 200 to 400 gals. per acre | |
| | SPECIFIC DIRECTIONS: Apply to orcha around trees prior to bloom. | ard floor and | |
| | Pear leaf blister mites | 1/3 to 3/3 qt. per 100 gals. | |
| | SPECIFIC DIRECTIONS: Apply to trees or dormant treatment. | as a post-harvest | |
| Note: Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year. Aerial application may not result in satisfactory control and should only be employed if impossible to apply by ground. | | | |
| Pecans (Except CA) | Black pecan aphids, Pecan nut casebearers, Spittlebugs | 1 qt. per 100 gals. | |
| (Continued) | SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. For Casel when eggs of first generation appear or young nuts. Another application may be second generation of eggs is deposited apply when first leaves are half grown as required. | pearers, apply the tips of the required after the For Spittlebugs, | |

| 104 | | Application |
|---|--|---|
| (Continued) Pecans | Pecan leaf phylloxera | 3/3 to 1 qt. per 100 gals. |
| (Except CA) | SPECIFIC DIRECTIONS: Apply when nymphs appear a before they are enclosed in plant tissue. For high populations, use the higher rate. | |
| or grasses in tre | oply after shuck split. Do not graze livestoc pated areas. Do not make more than 2 app a maximum of 3 lbs. of active ingredient (i.i | olications per year. |
| Pecans (CA Only) | Black pecan aphids, Pecan nut casebearers, Spittlebugs | 1 qt. per 100 gals. |
| | SPECIFIC DIRECTIONS: Make applical appear or feeding is noticed. For Caset when eggs of first generation appear or nuts. Another application may be require generation of eggs is deposited. For Sp when first leaves are half grown and rep | pearers, apply the tips of young d after the second ittlebugs, apply |
| or grasses in tre | oply after shuck split. Do not graze livestock ated areas. Do not make more than 2 app a maximum of 3 lbs. of active ingredient (i.e | lications per year. |
| Peppers (1) (Including CA) | Flea beetles, Green peach aphids, Homworms, Pepper maggots | ⅔ qt. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ions when insects |
| | ake more than 2 applications per year. Do b. of active ingredient (i.e., 1½ qts.) per acr | |
| Peppers (4) (Except CA) | Armyworms, Flea beetles, Green peach aphids, Horrworms, Leafhoppers, Pepper maggots | 35 to 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ion when insects |
| | Whiteflies | 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ion when insects |
| | ake more than 2 applications per year. Do s. of active ingredient (i.e., 2% qts.) per ac | |
| Peppers (4) (CA Only) | Flea beetles, Green peach aphids, Horrworms, Pepper maggots | % to 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ion when insects |
| | Whiteflies | 1% qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | on when insects |
| | ake more than 2 applications per year. Do s, of active ingredient (i.e., 2% qts.) per ac | |
| Pineapple (7) Fresh Market Only | Pineapple fruit mites | 2 to 21/3 qts. per acre |
| (CA Only) | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. Apply at indicays, if necessary, particularly during the period. | tervals of 7 to 10 |
| make more than | ed forage or Pineapple by-products to lives 2 applications per year. Do not exceed a r ant (i.e., 4 qts.) per acre per year. | |
| Plums (7), Prunes (7) (Except CA) | Fruittree leafrollers (Pacific Northwest Only) | 35 qt. per 100 gals. or 235 to 335 qts. per acre |
| | SPECIFIC DIRECTIONS: Apply during pre-pink stage of growth when insects appear or feeding is noticed. | |
| | Aphids (including Hop aphids, Leafourl aphids, Thistle aphids), Plum rust (Nursery) miles | 3/3 qt. per 100 gals. or 23/3 to |
| | (Nursery) mites SPECIFIC DIRECTIONS: For control of / | |
| | when eggs hatch during pre-bloom or pe applications should be made before leav | |
| | Peach twig borers | 3/3 at. per 100 gals. or 23/3 to |
| | į l | 31/3 qts. per acre |

| | | | |
|--|--|---|--|
| Crop | Pests | Rate of Application | |
| (Continued) Plums (7), Prunes (7) (Except CA) | Lesser peachtree borers, Peachtree borers | 1 qt. per 100 gals or 2% to 3% qts. per acre Pacific Northwest: | |
| | | 3/3 to 1 qt. per 100 gals. or 23/3 to 33/3 qts. per acre | |
| | SPECIFIC DIRECTIONS: Best control is single application post-harvest, after lea Spray all bark areas from ground to low | ves have dropped. | |
| areas. Do not ma | www livestock to graze on orchard crops or sake more than 2 applications per year. Do s. of active ingredient (i.e., 4 qts.) per acn | grasses in treated not exceed a | |
| Plums (7), Prunes (7) (CA Only) | Fruittree leafrollers (Pacific Northwest Only) | ¾ qt. per 100 gals. or 2% to 3¼ qts. per acre | |
| <u> </u> | SPECIFIC DIRECTIONS: Apply during p growth when insects appear or feeding it | | |
| | Aphids (including Hop aphids, Leafcurl aphids, Thistle aphids), Plum rust (Nursery) mites | 3/4 qt. per 100 gals. or 23/4 to 31/4 qts. per acre | |
| | SPECIFIC DIRECTIONS: For control of when eggs hatch during pre-bloom or per applications should be made before lear | Aphids, apply etal fall. Summer | |
| | Peach twig borers | % qt. per 100 gals. or 2% to 3% qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applical appear or feeding is noticed. | | |
| | Lesser peachtree borers. Peachtree borers | % to 1 qt. per 100 gals. or 2% to 3% qts. per acre | |
| <u> </u> | SPECIFIC DIRECTIONS: Best control is single application post-harvest, after leaved Spray all bank area from ground level to limbs. | obtained with a wes have dropped. | |
| areas. Do not ma | w livestock to graze on orchard crops or ke more than 2 applications per year. Do of active ingredient (i.e., 4 qts.) per acre | not exceed a | |
| Potatoes (1) (Including CA) | Aphids, Armyworms, Colorado potato beeties, Green stink bugs, Leaffooted bugs, Plant bugs, Potato flea beeties. Potato leafhoppers, Potato tuberworms, Threelined potato beeties | ¾ to 1½ qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ions when insects | |
| | European com borers, Potato psyllids | 1 to 11/3 qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | ions when insects | |
| | False chinch bugs, Whiteflies | 1 to 11/3 qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | | |
| maximum of 3 lbs CHEMIGATION: F amount of this pro | Note: Do not make more than 6 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year. CHEMIGATION: For application by imgation systems, apply the specified amount of this product per acre. Follow all directions given under the CHEMIGATION USE INSTRUCTIONS section of this label. | | |
| Spinach (21) (Except CA) | Armyworms, Crown mites, Flea beetles, Green peach aphids, Leafhoppers | 1 to 1½ qts. per acre | |
| | SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | | |
| | Whiteflies SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. | 1% qts. per acre on when insects | |
| Note: Do not mal maximum of 1 lb. | ke more than 1 application per year. Do no of active ingredient (i.e., 1½ qts.) per acre | ot exceed a | |
| Spinach (21) (CA Only) | Crown mites, Flea beetles, Green peach aphids, Whiteflies | 1 qt. per acre | |
| | SPECIFIC DIRECTIONS: Make applicate appear and feeding is noticed. | | |
| Note: Do not mak maximum of 0.75 | te more than 1 application per year. Do no lb. of active ingredient (i.e., 1 qt.) per acre | ot exceed a per year. | |

| Crop | Pests | Rate of Application |
|--|--|---|
| Strawberries (4) (Including CA) | Meadow spittlebugs, Strawberry aphids, Tamished plant bugs, Whiteflies SPECIFIC DIRECTIONS: Make applicat | |
| | appear or feeding is noticed. Do not rea days or more than twice during a 35-day is present. | |
| | Cyclamen miles | 2% qts. per acre in 400 gals. |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Thoroughly stem and crown of the plant. For multiple not apply at intervals less than 35 days we present. | wet the foliage, applications, do |
| | ke more than 3 applications per year. Do i, of active ingredient (i.e., 4 qts.) per acre | |
| Strawberries (Northwest | Garden symphylans (Aids in reducing damage) | 1½ qts. per 100 gals. |
| Use Only) (Except CA) | SPECIFIC DIRECTIONS: Mix thoroughly When immersing bundles of plants, mak trapped air is forced out to assure thoroughly plant. | e certain any |
| | nal Protective Equipment (PPE) requirement this dipping operation. Drain and allow plon the field. | |
| Strawberries (Northwest Use Only) | Garden symphylans (Aids in reducing damage) | 1½ qts. per 100 gals. |
| (CA Only) | SPECIFIC DIRECTIONS: Mix thoroughly, When immersing bundles of plants, make trapped air is forced out to assure thoroughting plant. | e certain any |
| 14018. 1 WIT 01301 | nat Protective Equipment (PPE) requirement this dipping operation. Drain and allow pl | anto to depende |
| setting them out in Sweet com (1) | | · |
| setting them out in | n the field. | 11/3 qts. per acre |
| setting them out in Sweet com (1) (Fresh Vegetable | n the field. Com leaf aphids, Whiteflies SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. Com earworms | 1½ qts. per acre ons when insects 2 qts. per acre |
| setting them out in Sweet com (1) (Fresh Vegetable Use Only) | n the field. Com leaf aphids, Whiteflies SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | 1½ qts. per acre ons when insects 2 qts. per acre ks first appear and |
| setting them out in Sweet corn (1) (Fresh Vegetable Use Only) (Including CA) Note: Do not app forage or ensilage not make more th | n the field. Com leaf aphids, Whiteflies SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Com earworms SPECIFIC DIRECTIONS: Apply when sill continue until they begin to dry. Allow 5 d | 1½ qts. per acre cons when insects 2 qts. per acre ks first appear and ays between feed treated treated fields. Do |
| setting them out in Sweet corn (1) (Fresh Vegetable Use Only) (Including CA) Note: Do not app forage or ensilage not make more th | n the field. Com leaf aphids, Whiteflies SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. Com earworms SPECIFIC DIRECTIONS: Apply when sill continue until they begin to dry. Allow 5 d applications. by to Sweet com to be processed. Do not by to Sweet com to be processed to graze in an 3 applications per year. Do not exceed | 1½ qts. per acre cons when insects 2 qts. per acre ks first appear and ays between feed treated treated fields. Do |
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| Crop | Pests | Rate of Application |
|---|---|---|
| Sweet potatoes (1) (CA Only) | Sweet potato flea beetles, Sweet potato weevils | 3/3 qt. per acre |
| (I)(OA Olly) | SPECIFIC DIRECTIONS: Make applic appear or feeding is noticed. For Flea begin applications shortly after transplar Flea beetles appear. For Sweet potato apply in sufficient water for complete critions may be made to transplants in the field. Repeat applications may be recommended. | |
| treated fields. Do | ed cull Potatoes to livestock or allow livesto o not make more than 3 applications per y um of 1.5 lbs. of active ingredient (i.e., 2 q | ock to graze in ear. Do not |
| Tobacco (5) (Except CA) | Aphids (including Green peach aphids, Tobacco aphids), Budworms, Cabbage loopers, Flea beetles, Horrworms | Seed Bed: 35 qt. per 100 gals. |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Apply appl of finished spray per 100 sq. yds. | |
| | Green June bugs (larvae) | Plant Bed: 3/3 pt per 100 gals. |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Drench at a sq. yd. | |
| | Aphids (including Green peach aphids, Tobacco aphids), Budworms, Cabbage loopers, Flea beetles, Green June bugs (larvae), Hornworms | Field: ¾ to 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applicate activity or feeding is noticed. | ons when insect |
| ` | Stink bugs | Field: 35 qt. per 100 gals. |
| | SPECIFIC DIRECTIONS: Make applicate activity or feeding is noticed. | ions when insect |
| | ike more than 6 applications per year. Do s. of active ingredient (i.e., 4 qts.) per acre | |
| Tomatoes (2) (Field and Greenhouse) | Aphids, Blister beetles, Colorado potato beetles, Fiea beetles, Tomato homworms | 3/3 to 11/3 qts. per acre |
| (Except CA) | SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. | |
| | Cabbage loopers, Stink bugs | 1 to 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. | |
| | Tomato fruitworms, Tomato russet mites, Whiteflies, Yellowstriped armyworms | 1½ qts. per acre |
| | SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. | |
| | Whiteflies | Use % qt. per 100 gals. of water. Use 100 to 200 gals. of spray per acre. |
| | SPECIFIC DIRECTIONS: Make applicati appear or feeding is noticed. Higher spra be necessary for thorough coverage whe populations exist. | ons when insects ay volumes may |
| | ike more than 6 applications per year. Do s, of active ingredient (i.e., 4 qts.) per acre | |
| maximum of 3 lbs | Ashida Bliston bastles Colomada | 3/3 to 1/3 qts. |
| Tomatoes (2) (Field and Greenhouse) | Aphids, Blister beetles, Colorado potato beetles, Flea beetles, Tomato hornworms, Webworms | per acre |
| Tomatoes (2) (Field and | potato beetles, Flea beetles, Tomato | per acre |
| Tomatoes (2) (Field and Greenhouse) | potato beetles, Flea beetles, Tomato hornworms, Webworms SPECIFIC DIRECTIONS: Make applications | per acre |
| Tomatoes (2) (Field and Greenhouse) | potato beetles, Flea beetles, Tomato horriworms, Webworms SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. | per acre ons when insects 1 to 1% qts. per acre |
| Tomatoes (2) (Field and Greenhouse) | potato beetes, Flea beetes, Tomato horriworms, Webworms SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. Cabbage loopers, Stink bugs SPECIFIC DIRECTIONS: Make applicate | per acre ons when insects 1 to 1% qts. per acre |

| Сгор | Pests | Rate of Application |
|---|--|---|
| (Continued) Tomatoes (2) (Field and Greenhouse) | Whiteflies | Use 3/3 qt. per 100 gals. of water. Use 100 to 200 gals. of spray per acre. |
| (CA Only) | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Higher spr. be necessary for thorough coverage whe populations exist. | ay volumes may |
| | ake more than 6 applications per year. Do os, of active ingredient (i.e., 4 qts.) per acre | |
| Walnuts (Except CA) | Walnut aphids | 2 to 2% qts. per acre. Apply in a minimum of 100 gals. of water per acre. |
| | SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. | ions when insects |

Note: Do not apply after husk split. Do not graze livestock on orchard crops or grasses in treated areas. Do not make more than 2 applications per year. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

COMMERCIALLY GROWN ORNAMENTALS

Ornamental Plants

| Crop | Pests | Rate of Application | |
|--|---|--|--|
| Leatherleaf fern (Leather holly fern) | Leatherleaf fern borers | % qt. per 100 gals. (1% tsps. per gal.) | |
| (Except CA) | SPECIFIC DIRECTIONS: Begin treatment when first larval feeding is observed in the midvein area at the base of the leaflets. Repeat at intervals of 2 to 3 weeks as necessary. | | |
| after use in measurin | such as teaspoons must not be g pesticides. Do not exceed a , 4 qts.) per acre per year. | | |
| Omamentals (Greenhouse and | Aphids, Cyclamen mites, Rose chafers, Whiteflies | % qt. per 100 gals. (1% tsps. per gal.) | |
| Out-of-Doors) (Including CA) | SPECIFIC DIRECTIONS: Ma insects appear or feeding is | | |

Note: Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. On Chrysanthemums, best results will be obtained if applied before plants flower. Do not apply to "Bonnafon Deluxe", "Fred Shoesmith", and "White Knight" Chrysanthemums, as injury may result. Do not use on Birch trees. Do not exceed a maximum of 3 ibs. of active ingradient (i.e., 4 qts.) per acre per year.

Rate of Application

Ornamental Trees and Shrubs

| Lrap | rests | Rate of Application | |
|---|--|--|--|
| Dogwood, Lilac (Except CA) | Dogwood borers, Lilac borers | % to 1% qts. per 100 gais. (1% to 2% tsps. per gal.) | |
| | SPECIFIC DIRECTIONS: Apply in early June and repeat in 10 to 14 days. Drench all bank areas down to the ground level. | | |
| after use in measuring | such as teaspoons must not be up pesticides. Do not exceed a m 4 qts.) per acre per year. | | |
| Douglas fir (Grown for Omamentals, Nursery Stock or | Aphids, Cooley spruce gall adelgids, Douglassfir needle midges | % qt. per 100 gals. (1% lsps. per gal.) | |
| Christmas Trees) (Pacific Northwest Only) (Including CA) | SPECIFIC DIRECTIONS: Mak insects appear or feeding is in Gall adelgids, apply when whit For control of Needle midges, early May just before buds ope | s noticed. For control of white cottony tufts appear. es, apply in late April or | |

Note: Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

Ornamental Shrubs (Continued)

| Crop | Pests | Rate of Application |
|---------------------------------------|---|---|
| Pines (Austrian, Jack, Red, | Zimmerman pine moths | 1 qt. per 100 gats. (2 tsps. per gal.) |
| Scotch, White) (Except CA) | SPECIFIC DIRECTIONS: App again, if necessary, in late Fall and main stem, especially whe stem. | . Thoroughly wet bank |
| after use in measuring | uch as teaspoons must not be u pesticides. Do not exceed a m 4 qts.) per acre per year. | sed for food purposes aximum of 3 lbs. of |
| Shade trees (Except Birch), Shrubs | Aphids | % qt. per 100 gals. (1½ tsps. per gal.) |
| (Including CA) | SPECIFIC DIRECTIONS: Mak insects appear or feeding is no | |
| after use in measuring | uch as teaspoons must not be u pesticides. Do not exceed a m 4 qts.) per acre per year. | |
| Spruce (New England | Spruce gall aphids | % qt. per 100 gals. (1½ tsps. per gal.) |
| Area Only) | SPECIFIC DIRECTIONS: Apply in late April or early May when Aphids are present but before galls are formed. | |
| after use in measuring | uch as teaspoons must not be u pesticides. Do not exceed a m. 4 qts.) per acre per year. | |
| Taxus (Except CA) | Taxus bud mites | % qt. per 100 gals. (1% tsps. per gal.) |
| | SPECIFIC DIRECTIONS: Make 3 to 5 applications beginning in mid-May. Thoroughly spray foliage, twigs and bark. | |
| | Black vine weevils | 11/3 qt. per 100 gals. (23/3 tsps. per gal.) |
| ` | SPECIFIC DIRECTIONS: Spra drench soil under the plants. A | |

Note: Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. of active ingredient (i.e., 4 qts.) per acre per year.

first appear and repeat in 14 days.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. PESTICIDE STORAGE: Do not store in or around the home. Do not store below 20°F, (-7°C). Do not use or store near heat, open flame or hot surfaces. Keep out of reach of children and animals. Store in original containers only. Store in cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not out concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage and disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities. Do not cut or weld metal containers. Do not reuse empty container.

Returnable/Refillable Sealed Containers: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

WARRANTY---CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with the directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

CALIFORNIA SUPPLEMENTAL LABEL

Procedures for reducing risks of contamination of Aquatic ecosystems

FOR CROPS USES LISTED ON THE PRODUCT LABEL

ENDOSULFAN 3EC may be a source of contamination in aquatic ecosystems as a result of runoff from agricultural land due to discharge of irrigation water or during periods of heavy rainfall. To minimize the chance of aquatic impact, the following conditions must be met to allow applications of this product:

DIRECTIONS FOR USE IN CA (General)
IN ADDITION TO SPECIFIC INSTRUCTIONS UNDER DIRECTIONS FOR USE ON THE PRINCIPAL LABELS, THE FOLLOWING CONDI-TIONS MUST ALSO BE FOLLOWED FOR USE IN CALIFORNIA:

- 1. Do not apply this product to fields during irrigation or irrigate for 72 hours following an application.
- 2. Do not apply this product through any type of irrigation system.
- 3. Do not apply more than 1.5 pounds active ingredient per acre per application or more than 3 pounds active ingredient per acre per season. (Orchard crops and Strawberries exempted on rate per acre per application restriction.)
- 4. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.
- 5. Do not apply by ground or air within a distance of 300 feet to natural bodies of water including lakes, ponds, streams and estuar-

FOR DRIFT CONTROL

- 1. All application equipment should be properly maintained and calibrated using appropriate carriers.
- 2. Do not make aerial or ground applications during temperature inver-
- 3. Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 10 mph. Do not discharge at a height of more than 10 feet above the crop or target.
- 4. For aerial applications, a positive shutoff system shall be in place to control flow of liquid to spray nozzles as follows: Each individual nozzle shall be equipped with a check valve and the flow controlled by a suckback device or a boom pressure release, or each nozzle shall be equipped with a positive action valve.
- 5. For aerial applications, the spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor vortices. The working boom length must not exceed 75% of the wingspan or rotor diameter.

- 6. Aircraft boom pressure shall not exceed 40 pounds per square inch.
- 7. Aircraft nozzles shall be equipped with orifices directed backward, parallel to the horizontal axis of the aircraft in flight.
- Aircraft nozzles shall not be equipped with any device or mechanism which would cause a sheet, cone, fan or similar type dispersion of the discharged material, except as otherwise provided.
- 9. Fixed wing aircraft and helicopters operating in excess of 60 mph shall be equipped with jet nozzles having an orifice not less than K_0 inch in diameter (D-4 or larger).
- 10. Helicopters operating at 60 mph or less shall be equipped with nozzles having an orifice not less than 1/16 inch in diameter. A number 46 or equivalent whirlplate may be used.
- 11. For ground applications, equipment other than handguns shall be equipped with nozzles having an orifice not less than 1/16 inch in diameter or larger. Boom nozzles shall be operated at a boom pressure not to exceed 30 pounds per square inch.

ACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT

- 1. Fields with no drains, having containment through berms (able to hold irrigation water and normal rainwater), levees and non-draining circulation systems
- 2. Fields with drains, but drainage flows to sump, farm pond, evaporation pond, or recirculation system without drainage (uncontrollable overflow acceptable, e.g., 10 or 100 year flood). Only grower maintained recirculation systems without drainage are acceptable.
- 3. Fields with surface drains that naturally flow onto pastureland or fallow fields that have no channeled drainage and are at least 300

UNACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT

- Fields draining directly into surface waters such as streams. rivers, lakes, ponds, marshes, bays, estuaries or the ocean.
- 2. Fields draining into surface drainage ditches or canals that flow directly into surface waters such as streams, rivers, lakes, ponds. marshes, bays, estuaries or the ocean.
- 3. Any and all fields with surface drainage patterns in the Moss Landing Drainage System having main arteries that drain into the Elkhorn Slough (Northern portion of Monterey County).
- 4. Any and all fields with drainage patterns in the San Diego Creek drainage system having main arteries that drain into Newport Bay.

All applicable directions, restrictions and precautions on the EPA registered label are to be followed.

This label must be in the possession of the user at the time of pesticide application.