## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

FEB 2 8 2003

Ms.Luz Piwonka **Drexel Chemical Company** P.O. Box 13327 Memphis, TN 38113-0327

Dear Ms. Piwonka:

)

Subject: Amendment - Update to match use patterns and limitations appearing on source material label [delete Leatherleaf Fern, Succulent Ornamentals (greenhouse and out-of-doors)]

Drexel Endosulfan 3 EC EPA Registration Number 19713-399 Your submission dated February 4, 2003

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy is enclosed for your records.

When preparing the finished label, please incorporate the following revisions:

- a. On the front panel, under "For Agricultural or Commercial Use Only" add "Not for use or storage in or around residential sites - see DIRECTIONS FOR USE / GENERAL INFORMATION for prohibited areas.".
- b. Directly under the heading GENERAL INFORMATION, replace "Not for use or storage in or around the home." with "Not for use or storage in or around residential sites, including, homes, non-agricultural outbuildings, non-commercial greenhouses, recreational vehicles, preschools, day care centers, and not for application to humans and pets.".
- c Since the California Supplemental label prohibits chemigation using endosulfan, on page 2 in the heading CHEMIGATION USE INSTRUCTIONS add "(Not registered for use in California)" after "- POTATOES ONLY".
- d. Since the California Supplemental label prohibits chemigation using endosulfan, distinction must be drawn in the directions for use on Potatoes between use in California and use in all ther states by using two separate entries as you have for a number of other crops. The first entry, Potatoes (1) (Except CA), can appear as on the submitted label with just the Crop column entry changed from Potatoes (1) (Including CA). The second entry, Potatoes (1)(CA Only), can have the same Pests and Rate of Application information,

but the Note must be revised to delete the heading CHEMIGATION and the associated directions and referral to the CHEMIGATION USE INSTRUCTIONS. Instead add "Chemigation using endosulflan is **not** permitted in California.".

e. Under the heading COMMERCIALLY GROWN ORNAMENTALS add GROWN OUTDOORS ONLY so that it appears above the subheading Ornamental Trees and Shrubs.

Please submit 5 copies of labeling bearing the above revisions as soon as it becomes available. Thank you for your prompt cooperation in this regard.

Ì

Sincerely,

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

## ACCEPTED with COMMENTS In EPA Letter Dated: FEB 2 8 2003

insecticide,



# Endosulfan 3EC

Insecticide

For Agricultural or Commercial Use Only

#### **ACTIVE INGREDIENT:**

Endosulfan: Hexachlorohexahydromethano-2,4,3-benzodioxathiepin-3-oxide ..... OTHER INGREDIENTS:\* ....... 66.0%

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 swellow.

  Do not induce vomiting unless told to do so by a poison control center or
- Do not give anything by mouth to an unconscious or convulsing person.

#### IF INHALED:

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

#### IF ON SKIN OR CLOTHING:

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

Hold eye open and rinee slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poleon control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), cell the National Pesticide Telecommunications Network at 1-800-858-7378.

NOTE TO PHYSICIAN: Endosullan is a central nervous system stimulant absorbable by mouth, inhelation or through contact with skin. It may cause convalidors. There is no specific artidots. Discepem I.V. is the drug of choice. Berbituric acid derivatives such as Phenobarbital may be used additionally. A neuromuscular blocking agent may be used if convalidors 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 (where range aromatic solvent). Care should be taken to prevent aspiration because of the possibility of chemical preumonia or pulmonary ederms due to the organic solvent in the formulation. formulation.

#### 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 catagory G on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear: Coveralls over longsleeved 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 controls 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

### USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the tollet, 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 posticide 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. BOX 13327, MEMPHIS, TN 38113-0327 SINCE 1972

Note: Add this statement to all container sizes of 5 gallons and higher. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### 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 mila., 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 INFORMATION**

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 pasticide in a minimum of 10 gailons 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 your State Extension Service Specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for posticide application to a public water system unless the posticide 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 system 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 to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to posticide 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 injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward

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 posticide 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., disphragm pump) effectively designed and constructed of materials that are compatible with posticides and capable of being fitted with a system interlock.

#### SPRINKLER CHEMIGATION (FOLIAR SPRAY USES)

the injection pump.

The system must contain a functional check valvé, 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 intertock 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 a 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 label, 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.
- Do not apply this product through any type of irrigation system.
- Do not apply more than 1.5 pounds 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 takes, ponds, streams and estuaries.

#### FOR DRIFT CONTROL

- All application equipment should be properly maintained and callbrated 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% of wingspan 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.
- B. Aircraft nozzies 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 ½ 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 48 or equivalent whiriplate may be used.
- 11. For ground applications, equipment other than handguns shall be equipped with nozzles having an orifice not less than 1/2 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

- Fields, with no drains, having containment through berms (able to hold irrigation water and normal rainwater), levees and nondraining 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 auriace 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, takes, 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, Write apple leafhoppers (first generation)	% qt, per 100 gals, or a maximum of 3% qts, per acre
	SPECIFIC DIRECTIONS: Applications and/or petal fall provide best control of bugs and Green fruitworms. For best control white apple leafhoppers, apply we appear on leaves. If necessary, prior to per 100 gals, to control Apple aphids a aphids. For control of Tertiform leafming application as soon as moth flight begin application should be made 10 days let	Tarnished plant ontrol of first gener- nen nymphs first petal fall, use 1 qt. nd Rosy apple ars, make first ns. 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 ibs. of active impredient (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)	% qt. per 100 gallons or a maximum of 3% qts. per acre
	SPECIFIC DIRECTIONS: For best control ation White apple leafhoppers, apply will appear on leaves. If necessary, prior to per 100 gals, to control Apple aphids a aphids.	nen nymphs first petal fall, use 1 qt

Note: Do not feed pornace 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.

Apricots (21), Nectarines (21), Peaches (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 gals, Southeastern States: 2 to 3% qts. per 100 gals,
<u> </u>	SPECIFIC DIRECTIONS: Best control is single application post-harvest. Spray a ground level to lower scaffold limbs.	a obtained with a

Note: Do not feed cult fruits to animals or allow Evestock 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.

Nectarines (30), Peaches (30)	Aphids (including Black cherry aphids, Black peach aphids, Green peach aphids, Rusty plum aphids), Carfacting insects (Stink bug type), Green fruitworms, 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.	ions when insects

Note: Do not feed cult 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.

Nectarines (30),	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 meximum of 3% qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	

Note: Do not feed cull fruits to animels 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 incredient (i.e., 4 cits.) per acre per year.

Barley, Oats,	Army cutworms	% qt per acre
Rye, Wheat (Except CA)	SPECIFIC DIRECTIONS: Apply when an	
(Continued)	readily found in the field. For sorial appli-	Camon, apply in 2

Сгор	Pests	Rate of Application	
Cont.)	Cereal leaf beetles (IL, IN, MI, OH Only)	14 to % qt.	
Barley, Oats, Rye, Wheat	SPECEIC DESCRIPTIONS Apply the a	per acre	
Except CA)	SPECIFIC DIRECTIONS: Apply when small larvee are readily found in the fletd. For serial application, use a minimum of 1 to 2 cele of water per acce.		
	minimum of 1 to 2 gals, of water per acre.		
	Aphids (including Russian wheat aphids)	% to 1 qt. per acre	
	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.	ons when insects	
ivestock. Do not	ply after heads begin to form. Do not feed t make more than 2 applications per year. D b. of active ingredient (i.e., 1½ qts.) per ac	o not exceed a	
Barley, Oats,	Anny culworms	35 qt. per acre	
Rya, Wheat (CA Only)	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.	ons when insects	
	Aphids (including	% to 1 qt.	
	Russian wheat aphids) SPECIFIC DIRECTIONS: Make application	per acre	
	appear or feeding is noticed.		
ivestock. Do not	ply after heads begin to form. Do not feed make more than 2 applications per year, I fb. of active ingredient (i.e., 1½ qts.) per ac	o not exceed a	
Beans,	Black bean aphids, Bean leaf skele-	% to 1% qts.	
Successent and Dry (except	tonizers, Cowpez curculios, Cucumber beetles, Flea beetles, Green stink	per acre	
Lima beans) (3)	bugs, Leafhoppers, Mexican bean		
and Southern field peas	SPECIFIC DIRECTIONS: Make applicati	ane when inserts	
(Succulent type,	appear or feeding is noticed. For control	of Cowpea	
including Black- eyed peas,	curculios, make 3 applications at 5-day is when the pods are ½ inch long.	ntervals starting	
Crowder peas and Southern	Aphids, Armyworms, Western bean	115 gts.	
peas) (3)	culworms, Whitefles	per acre	
(Except CA)	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. For control		
	culios, make 3 applications at 5-day inte		
fields. Do not us processing. Do	ed treated threahings or allow livestock to se on Lima beans that are to be removed fi not make more than 3 applications per yea	om the field for	
a maximum of 3 Beans,	bs. of active ingredient (i.e., 4 qts.) per ac	re per year.	
Beans, Succulent and Dry (except Lime beans) (3)	be, of active ingredient (i.e., 4 qts.) per ec Black been sphids, Been leaf skele- tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhop-		
Beens, Succulent and Dry (except Lime beens) (3) and Southern field peas (Succulent type,	be, of active ingredient (i.e., 4 qts.) per ex Black been sphids, Been leaf skele- tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leathop- pers, Mexican been beetles SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.	76 to 1% qts. per acre	
Beans, Succulent and Dry (except Lims beans) (3) and Southern field peas (Succulent type, including Black- eyed peas,	be, of active ingredient (i.e., 4 qts.) per ex Black been sphids, Been leaf skele- tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leathop- pers, Mexican been beetles SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.	76 to 1% qts. per acre	
Beens, Succulent and Dry (except Lime beens) (3) and Southern field peas (Succulent type, including Black-	be, of active ingredient (i.e., 4 qts.) per ex Black been sphide, Been leaf skele- torizers, Cucumber beetles, Flea beetles, Green stirk bugs, Leafhop- pers, Mexican been beetles SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed. Aphide, Western been cutworms,	ions when insects  1½ qts. per acre	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe	be, of active ingredient (i.e., 4 qts.) per ex Black been sphide, Been leaf skele- torizers, Cucumber beeties, Flea beeties, Green stink bugs, Leafhop- pers, Medcan been beeties SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphide, Western bean cutworms, Whiteflee SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	25 per year. 25 to 1% qts. per acre ions when insects 1% qts. per acre ions when insects	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not te fields. Do not us processing. Do	be, of active ingredient (i.e., 4 qts.) per ect Black been sphids, Bean teaf skele-tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhoppers, Mexican bean beetles.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writtefles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  appear or feeding is noticed.	24 to 1% qts. per acre ions when insects 1% qts. per acre ions when insects praze in treated rom the field for ar, Do not exceed	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not u processing. Do	be, of active ingredient (i.e., 4 qts.) per ex Black been sphide, Been leaf skele- torizers, Cucumber beeties, Flea beeties, Green stink bugs, Leafhop- pers, Mexican been beeties SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.  Aphide, Western been cutworms, Writtenes  SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.  ed treated threehings or allow ilvestock to se on Lime beens that are to be removed to	24 to 1% qts. per acre ions when insects 1% qts. per acre ions when insects praze in treated rom the field for ar, Do not exceed	
Beans, Succulent and Dry (except Lima beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not fe	be, of active ingredient (i.e., 4 qts.) per ex- Black been sphida, Bean leaf skele- torizers, Cucumber beetles, Flea- beetles, Green stink bugs, Leafhop- pers, Modcan bean beetles  SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.  Aphida, Western bean cutworms, Whiteflee  SPECIFIC DRECTIONS: Make applicat appear or feeding is noticed.  ed treated threshings or allow livestock to se on Lims bears that are to be removed if not make more than 3 applications per yes 5.0 lbs. of active ingredient (i.e., 4 qts.) per  Blueberry bud mittes	2 qts, per year.  24 to 1½ qts, per acre ions when insects  1½ qts, per acre ions when insects  graze in treated rom the field for acre per year.  2 qts, per acre per 300 gais, of water	
Beans, Succulent and Dry (except Lima beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not fe fields. Do not a maximum of 3 Blueberries (Except CA)	be, of active ingredient (i.e., 4 qts.) per ect Black been sphids, Bean teaf skele-torizers, Cucumber beeties, Flean beeties, Green stink bugs, Leafhoppers, Mexican bean beeties.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writteries  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ad treated threehings or allow livestock to see on Lime beans that are to be removed to not make more than 3 applications per yes. Dibs. of active ingredient (i.e., 4 qts.) per Blueberry bud mittes  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks later.	ye per year.  % to 1% qts. per acre ions when insects  1% qts. per acre ions when insects  praze in treated rom the field for ar, Do not exceed acre per year.  2 qts. per acre per 300 gais. of water stely after hervest ise more than	
Beans, Succulent and Dry (except Lima beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not us processing. Do a maximum of 3 Blueberries (Except CA)  Note: Do not a 2 applications; Ingredient (i.e.,	be, of active ingredient (i.e., 4 qts.) per ect Black been sphids, Bean leaf skeletorizers, Cucumber beeties, Fleat beeties, Green stink bugs, Leafhoppers, Mexican bean beeties.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writteries.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ed treated threehings or allow livestock to see on Lims beans that are to be removed to not make more than 3 applications per yes on the company of the company but mittes.  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks fater.  pply after bude are well-formed. Do not me ser year, Do not exceed a maximum of 3 to 4 qts.) per acre per year.	ions when insects  1½ qts. per acre  1½ qts. per acre  1½ qts. per acre  ions when insects  praze in treated rorn the field for acr, Do not exceed acre per year.  2 qts. per acre per 300 gals. of water  ately after hervest  to more than s. of active	
Beans, Suculent and Dry (except Lima beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not a processing. Do a maximum of 3 Blueberries (Except CA)  Note: Do not a 2 ecolications	be, of active ingredient (i.e., 4 qts.) per ect Black been sphida, Bean leaf skele-torizers, Cucumber beetles, Fleat beetles, Green stink bugs, Leafhoppers, Moxican bean beetles.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphida, Western bean cutworms, Whiteflee  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ed treated threehings or allow livestock to see on Lima beans that are to be removed to not make more than 3 applications per yes. 0 lbs. of active ingradient (i.e., 4 qts.) per Blueberry but mittee  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks taker.  pply after buts are welf-formed. Do not make year, but not make more than 3 applications per year.  Cabbage aphids, Cabbage loopers,	ions when insects  1½ qts. per acre ions when insects  1½ qts. per acre ions when insects  graze in treated rom the field for ar, Do not seed acre per year.  2 qts. per acre per 300 gals. of water ately after harvest ion more than s. of active  1 to 1½ qts.	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not fe fields. Do not uprocessing, Do a maximum of 3 Blueberries (Except CA)  Note: Do not a 2 applications; Ingredient (i.e., Broccoli (7), Brussels sprouts (14),	ba, of active ingredient (i.e., 4 qts.) per act back been sphids, Bean leaf skele-tonizers, Cucumber beetles, Flea beetles, Green stink bugs, Leafhoppers, Mexican bean beetles.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writterles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ed treated threehings or allow ilvestock to appear or feeding is noticed.  ed treated threehings or allow ilvestock to appear or feeding is noticed.  ed treated threehings or allow ilvestock to appear or feeding is noticed.  Blueberry but mittes  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks later.  pply after buds are well-formed. Do not make year, Do not exceed a maximum of 3 to 4 qts.) per acre per year.  Cabbage aphids, Cabbage loopers, Cross-attiped cabbageworms, Diamonsiback mothe (larvee), Flee	ions when insects  1½ qts. per acre  1½ qts. per acre  1½ qts. per acre  ions when insects  praze in treated rorn the field for acr, Do not exceed acre per year.  2 qts. per acre per 300 gals. of water  ately after hervest  to more than s. of active	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not te fields. Do not us processing. Do a maximum of 3 Bluebarries (Except CA)  Note: Do not a 2 applications; Ingredient (i.e., Broccoli (7), Brussels sprouts (14), Cabbage (7), Caudiflower (14)	be, of active ingredient (i.e., 4 qts.) per ect Black been sphids, Bean leaf skeletorizers, Cucumber beeties, Fleat beeties, Green stink bugs, Leafhoppers, Mexican bean beeties.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Whitefies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ad treated threehings or allow livestock to a see on Lims beans that are to be removed to not make more than 3 applications per yea. The company but mittes  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks later.  pply after bude are well-formed. Do not me per year. Do not exceed a maximum of 3 to 4 qts.) per acre per year.  Cabbage aphids, Cabbage loopers, Cross-striped cabbage loopers, Flee besties, Hartequin bugs, Imported cabbages, Hartequin bugs, Imported cabbages.	ions when insects  1½ qts. per acre ions when insects  1½ qts. per acre ions when insects  graze in treated rom the field for ar, Do not seed acre per year.  2 qts. per acre per 300 gals. of water ately after harvest ion more than s. of active  1 to 1½ qts.	
Beans, Succulent and Dry (except Lime beans) (3) and Southern field peas (Succulent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Note: Do not fe fields. Do not us processing. Do a maximum of 3 Blueberries (Except CA)  Note: Do not a 2 applications ; Ingredient (i.e., Broccoli (7), Brussels sprouts (14), Cabbage (7),	be, of active ingredient (i.e., 4 qts.) per extended by the content of the conten	re per year.  % to 1% qts. per acre  ions when insects  1% qts. per acre ions when insects  praze in treated rom the field for acre per year.  2 qts. per acre per 300 gais. of water ately after hervest ice more than s. of active  1 to 1% qts. per acre	
Beans, Succilent and Dry (except Lima beans) (3) and Southern field peas (Succilent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Nets: Do not te fields. Do not us processing. Do a maximum of 3 Bluebernes (Except CA)  Note: Do not a 2 applications; Ingredient (i.e., Broccoli (7), Brussels sprouts (14), Cabbage (7), Causiflower (14)	be, of active ingredient (i.e., 4 qts.) per ect Black been sphids, Bean leaf skeletorizers, Cucumber beeties, Fleat beeties, Green stink bugs, Leafhoppers, Mexican bean beeties.  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writterlee  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ad treated threehings or allow livestock to see on Lims beans that are to be removed it not make more than 3 applications per year.  Blueberry but mittes  SPECIFIC DIRECTIONS: Apply immediand repeat 6 to 8 weeks later.  pply after bude are well-formed. Do not me ser year. Do not exceed a maximum of 3 to 4 qts.) per acre per year.  Cabbage aphids, Cabbage loopers, Cross-striped cabbageworms, Leafhoppers, Stink bugs	ions when insects  1½ qts. per scre  1½ qts. per scre  1½ qts. per scre ions when insects  graze in treated rom the field for ar, Do not exceed acre per year.  2 qts. per acre per 300 gals. of water  stely after hervest ion more than s. of active  1 to 1½ qts. per acre ions when insects	
Beans, Succilent and Dry (except Lima beans) (3) and Southern field peas (Succilent type, including Black- eyed peas, Crowder peas and Southern peas) (3) (CA Only) Nets: Do not te fields. Do not us processing. Do a maximum of 3 Bluebernes (Except CA)  Note: Do not a 2 applications; Ingredient (i.e., Broccoli (7), Brussels sprouts (14), Cabbage (7), Causiflower (14)	be, of active ingredient (i.e., 4 qts.) per ex- Black been sphids, Bean leaf skele- torizers, Cucumber beeties, Flea- beeties, Green stink bugs, Leafhop- pers, Mexican bean beeties  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Aphids, Western bean cutworms, Writefies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  ed treated threshings or allow livestock to se on Lime bears that are to be removed in not make more than 3 applications per yes.  Blueberry bud mitse  SPECIFIC DIRECTIONS: Apply immedit and repeat 6 to 8 weeks later.  pply after buds are well-formed. Do not me per year. Do not exceed a maximum of 3 ib 4 qts.) per acre per year.  Cabbage sphids, Cabbage loopers, Cross-striped cabbageworms, Diamontiback motive (lervee), Flee beeties, Hartequin bugs, Imported cab- bageworms, Leafhoppers, Stink bugs  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	ions when insects  1% qts. per scre  1% qts. per scre  1% qts. per scre  ions when insects  graze in treated rom the field for ar, Do not exceed acre per year.  2 qts. per acre per 300 gais. of water  ately after harvest  to more than a, of active  1 to 1% qts. per acre ions when insects	

Сгор	Pests	Rate of Application	
Broccoli (7), Brusseis sprouts (14), Cabbage (7), Cauliflower (14)	Cabbage aphids, Cabbage loopers, Cross-striped cabbageworms, Diamondback moths (larvae), Flea beetles, Harlequin bugs, Imported cabbageworms, Stink bugs	1 to 1½ qts. per acre	
(CA Only)	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
	Armyworms, Culworms, Whiteflies	1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	ons when insects	
Note: Do not ma maximum of 2.0 i	ke more than 2 applications per year. Do ba, of active ingredient (i.e., 2% qts.) per i	not exceed a acre per year.	
Carrots (7) (Except CA)	Green peach aphids, Leafhoppers	% to 1% qts. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	ion when insects	
	Armyworms, Flea beetles, Whiteflies	1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	ion when insects	
	e tops for food or feed. Do not make more exceed a maximum of 1.0 lb. of active ing r year.		
Carrots (7) (CA Only)	Green peach aphids	% to 1% qts.	
·	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	ion when insects	
	Flea beetles, Whiteflies	1½ qts. per acre	
	e tops for food or feed, Do not make more exceed a maximum of 1 lb, of active ingre ir.		
Celery (4) (Except CA)	Green peach aphids, Cabbage loopers, Leafhoppers	% to 1% qts. per acre	
	SPECIFIC DIRECTIONS: Make applicar appear or feeding is noticed.	tion when insects	
	Armyworms, Fiest beetles, Whitefiles	1% qts. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	tion when insects	
	ake more than 1 application per year. Do on active ingredient (i.e., 1½ qts.) per active ingredient (i.e., 1½ qts.)		
Celery (7) (Except CA)	Green peach aphids	% qt. per acre	
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	tions when insects	
Note: Do not m meximum of 1 it	ake more than 2 applications per year. Do b. of active ingredient (i.e., 1½ qts.) per ac	not exceed a re per year.	
Calery (4) (CA Only)	Green peach aphids, Cabbage loopers	% to 1% qts. per acre	
l i	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	tion when insects	
<b>!</b>	Flee beetes, Whitefles	1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	ition when insects	
	nake more than 1 application per year. Do b. of active ingredient (i.e., 1)5 qts.) per ac		
Gelery (7) (CA Only)	Green peach aphids	14 qt. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	itions when insects	
	nake more than 2 applications per year. Do b. of active ingredient (i.e., 1% qts.) per ac		
Cherries (21) (Except CA)	Peachtree borers, Lesser peachtree borers	1 qt. per 100 gais, or 2% to 3% qts. per scre Pacific Northwest: % to 1 qt. per 100 gais.	
(Continued)	SPECIFIC DIRECTIONS; Best control single application post-harvest after les Spray all bank areas from ground level limbs.	is obtained with a was have dropped.	

Crop	Pests	Rate of Application
<i>Cont.)</i> Chemies (21) Except CA)	Black cherry aphids, Green fruitworms, Plum rust (Nursery) mites	35 qt. per 100 gals. or 235 to 335 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Pacific Northwest only: Eyespotted bud moths, Fruittree leafrollers	分 qt. per 100 gals. or 2% to 3% qts. per acre
	SPECFIC DIRECTIONS: For Bud moth control, apply at popcorn stage. For Leafroller control, apply during pre-pink stage of growth.	
	MI Only: Minsola moths	1½ qts, per 100 gals.
	SPECIFIC DIRECTIONS: Apply in the deperiod.	
orchards. Do not	ed cull fruits to animals or allow livestock to make more than 2 applications per year. s. 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 gais, or 2% to 3% qts. per acre
	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	<del></del>
	Pacific Northwest only: Eyespotted bud moths, Fruittree leafrollers	3/3 qt. per 100 gais, or 23/3 to 31/5 qts. per acre
	SPECIFIC DIRECTIONS: For Bud moth popcorn stage, For Leafroller control, ap stage of growth.	control, apply at
orchards. Do no	ed cut fruits to animals or allow livestock to t make more than 2 applications per year, is, of active ingredient (i.e., 4 qts.) per acre	Do not exceed a
Cherry, Peach, Plum Nursery	Peachtree borers	2% qts. per 40 gals.
Stock Dip		
	SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered worsting bud scar.	
(Except ČA)  Note: Plant imn	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to st	veil above the orage, Full
(Except ČA)  Note: Plant impersonal protect to this dipping o	that the roots and crowns are covered w grafting bud scar. recliately or dry before returning stock to st ive equipment (PPE) requirements for app peration.	orage. Full blicators also apply
(Except ČA)  Note: Plant imm personal protect to this dipping o Cherry, Peach, Plum Nursery Stock Dip	that the roots and crowns are covered we grafting bud scar, redistely or dry before returning stock to stive equipment (PPE) requirements for appearation.  Peachtree borers	orage. Full blicators also apply 2% qts. per 40 gals.
(Except ČA)  Note: Plant Impersonal protect to this dipping of Cherry, Peach, Plum Nursery	that the roots and crowns are covered w grafting bud scar. recliately or dry before returning stock to st ive equipment (PPE) requirements for app peration.	orage. Full silicators also apply 2% qts. per 40 gais.
(Except ČA)  Note: Plant Imm personal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant Imm personal protect	that the roots and crowns are covered wigrating bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered wigrating bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for applications.	orage. Full silicators also apply 2% qts. per 40 gals. y. Immerse trees so veil above the torage. Full
(Except CA)  Note: Plant Imn personal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant Imn personal protect to this dipping of Citrus (Non-bearing	that the roots and crowns are covered wigrating bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered wigrating bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for applications.	orage. Full silicators also apply 2% qts. per 40 gals. y. Immerse trees so veil above the torage. Full
(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)	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Citrus aphids	orage. Full placetors also apply 2% qts. per 40 gals. Immerse trees so rell above the torage. Full placetors also apply % qt. per 100 gals. or a madmum of 3% qts. per acm
(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)	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar.  Inediately or dry before returning stock to stive equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applice appear or feeding is noticed.	orage. Full plicators also apply  2% qts. per 40 gals. y. Immerse trees so reli above the lorage. Full plicators also apply  % qt. per 100 gals. or a maximum of 31% qts. per acritions when insects
(Except CA)  Note: Plant Imn personal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant Imn personal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not al months: Do not al months. Do not al months.	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, neclistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed, apply to bearing trees or trees that will bear make more than 2 applications per year.	orage. Full sicators also apply  2% qts. per 40 gals.  Immerse trees so well above the sorage. Full plicators also apply  % qt. per 100 gals. or a maximum of 315 qts. per acritions when insects fruit within 12 to not exceed a
(Except CA)  Note: Plant Imn personal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant Imn personal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not al months. Do not al months. Do not al months.	that the roots and crowns are covered w grafting bud scar.  redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar.  redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications or reading is noticed.  SPECIFIC DIRECTIONS: Make applications or reading is noticed.  SPECIFIC DIRECTIONS: Make applications or year. If the provided in the prov	orage. Full placetors also apply 2% qts. per 40 gals. Immerse trees so rell above the torage. Full placetors also apply 3% qt. per 100 gals. or a maximum of 3% qts. per acm fruit within 12 or not exceed a per year.
(Except ČA)  Note: Plant impersonal protect to this dipping of Cherry, Peach, Dip (CA Only)  Note: Plant impersonal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not a months: Do not a months: Do not months of 3 II Collerts (21)	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to stive equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications. Citrus aphids  SPECIFIC DIRECTIONS: Make applications provided in the provi	orage. Full blicators also apply 2% qts. per 40 gals. or a maximum of 3% qts. per acm flons when insects fruit within 12 per per 40 gals. or a maximum or 10 gals. or a maximum or 10 gals. or a maximum or 10 gals. per acm flons when insects fruit within 12 per per 40 gals. per acm 1 to 1% qts. per acm
(Except ČA)  Note: Plant impersonal protect to this dipping of Cherry, Peach, Dip (CA Only)  Note: Plant impersonal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not a months: Do not a months: Do not months of 3 II Collerts (21)	that the roots and crowns are covered w grafting bud scar.  redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar.  redistely or dry before returning stock to stave equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications appearation.  Poly to bearing trees or trees that will bear make more than 2 applications per year. I bear of ective ingredient (i.e., 4 qts.) per acr Aphids, Cabbege loopers, Diamond-back moths (larve), Fall armyworms, Flee beetles, Harlequin bugs, Imported cabbageworms, Leafnoppers  SPECIFIC DIRECTIONS: Make applications per or feeding is noticed.  Whitefies  SPECIFIC DIRECTIONS: Make applications per or feeding is noticed.	per above the corage. Full plicators also apply 2% qts. per 40 gals. Immerse trees so well above the corage. Full plicators also apply % qt. per 100 gals. or a maximum of 3% qts. per acm attent within 12 co not exceed a per year.  1 to 1% qts. per acm attent when insects the second at a per year.
(Except ČA)  Note: Plant impersonal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant impersonal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not a months. Do not a months. Do not months	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to stive equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications, per search or feeding is noticed.  SPECIFIC DIRECTIONS: Make applications of scilve ingredient (i.e., 4 qts.) per across, of scilve ingredi	orage. Full plicators also apply 2% qts. per 40 gals. Immerse trees so rell above the torage. Full plicators also apply 3% qt. per 100 gals. or a maximum of 3% qts. per acm of 100 not exceed a per year.  1 to 1% qts. per acm of 1% qts. per acm of the per acm of the per year.
(Except CA)  Note: Plant Impersonal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant Immpersonal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not a months. Do not a months. Do not an of 3 in Collerds (21) (Except CA)  Note: Do not a maximum of 3 in Collerds (21)	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications, per services, of active ingredient (i.e., 4 qts.) per across, of active ingredient (i.e., 4 qts.) per across, per services, per s	orage. Full plicators also apply 2% qts. per 40 gals. Immerse trees so well above the torage. Full plicators also apply 3% qt. per 100 gals. or a maximum of 3% qts. per acrations when insects full within 12 to not exceed a per year.  1 to 1% qts. per acration when insects 1% qts. per acre attor when insects not exceed a reper year.
(Except CA)  Note: Plant impersonal protect to this dipping of Cherry, Peach, Plum Nursery Stock Dip (CA Only)  Note: Plant impersonal protect to this dipping of Citrus (Non-bearing trees and Nursery stock) (Including CA)  Note: Do not a months. Do not maximum of 3 il Collerds (21) (Except CA)	that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to state equipment (PPE) requirements for appearation.  Peachtree borers  SPECIFIC DIRECTIONS: Mix thoroughly that the roots and crowns are covered w grafting bud scar, redistely or dry before returning stock to stive equipment (PPE) requirements for appearation.  Citrus aphids  SPECIFIC DIRECTIONS: Make applications, per search or feeding is noticed.  SPECIFIC DIRECTIONS: Make applications of scilve ingredient (i.e., 4 qts.) per across, of scilve ingredi	orage. Full plicators also apply 2% qts. per 40 gals. Immerse trees so rell above the torage. Full plicators also apply 3% qt. per 100 gals. or a maximum of 3% qts. per acm of 100 not exceed a per year.  1 to 1% qts. per acm of 1% qts. per acm of the per acm of the per year.

Сгор	Pests	Rate of
Cotton	Aphids	Application % to 1 gt. per acre
Except CA)	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed. Thorough important.	ions when insects
	Boll weevils	35 to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	ions when insects
	Bolworms, Cabbage loopers, Cotton	115 to 2 qts.
	leafperforators, Cotton leafworms, Fleahoppers, Lygus bugs, Stink bugs, Tobacco budworms	per acre
	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	tions when insects
	Whitefies	11/s qts. per acre
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	
	Thrips SPECIFIC DIRECTIONS: Make applica	2 qts. per acre
	appear or feeding is noticed.	
apply after bolls	rate should be used under heavy pest popen. Do not graze dairy or meat animal maximum of 3 lbs. of active ingredient (IAphids  SPECIFIC DIRECTIONS: Make applical appear or feeding is noticed. Thorough	s in treated fields. e., 4 qts.) per acre ½ to 1 qt. per acre tions when insects
	important.	
•	Boll weevits	% to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applice appear or feeding is noticed.	tions when insects
	Bollworms, Cabbage loopers, Cotton leafperforators, Fleahoppers, Lygus bugs, Stink bugs	11/s to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	tions when insects
	Whitefies	1% qts. per acre
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	tions when insects
	Thrips	2 qts, per acre
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	tions when insects
ment. The highe apply after bots Do not exceed a per year.	ons may be made using ground or serial ir rate should be used under heavy pest p open. Do not graze dairy or meat anima a maximum of 3 bs. of active ingredient (	ressure. Do not le in treated fields.
Cucumbers (2), Melons (2), Pumpidns (2), Summer and Winter	Aphids, Cucumber beetles, Melonworms, Pickleworms, Rindworms (on Watermelons), Squash beetles, Squash bugs, Squash vine borers, Shiped fless beetles	1/4 to 11/4 qts. per acre
equesh (2) (Except CA)	SPECFIC DIRECTIONS: Make applicappear or feeding is noticed. For Squapply weekly to flower buds, sterms and when moths first appear.	sh vine borer contro
	Cabbage toopers, Omnivorous leafrollers, Whiteflies	11/2 qts. per acre
	SPECIFIC DIRECTIONS: Make applic appear or feeding is noticed.	ations when insects
	nake more than 6 applications per year. I bs. of active ingrecient (i.e., 4 qts.) per a	
Cucumbers (2), Meions (2),	Aphids, Cucumber beetles, Melonworms, Pickleworms,	% to 1% qts. per acre
Pumpkins (2), Summer and Winter	Pindworms (on Watermeions), Squash beetes, Squash bugs, Squash vine borers, Striped flee beetes	
equesh (2)	SPECIFIC DIRECTIONS: Make applic	ations when insects
(CA Only)	appear or feeding is noticed. For Squapply weekly to flower buds, stems and	ash vine borer contro
	when moths first appear. Cabbage loopers, Omnivorous	1% qts. per acre
	Ineffoliers, Whitefiles SPECIFIC DIRECTIONS: Make applic	ations when insects
Note: Do not n	appear or feeding is noticed. nake more than 3 applications per year. (	o not exceed a
	bs. of active ingredient (i.e., 4 qts.) per a	

Crop	Pests	Rate of Application	
ggplant (1) Except CA)	Blister beetles, Colorado potato beetles, Flea beetles, Green peach	% to 1% qts. per acre	(Exce
	aphids, Green stink bugs SPECFIC DIRECTIONS: Make applications when insects		
	appear or feeding is noticed.		
	Whiteflies SPECIFIC DIRECTIONS: Make application	1% cts. per acre	
	appear or feeding is noticed.		
lote: Do not m	nake more than 2 applications per year. Do b. of active ingredient (i.e., 1½ qts.) per acre	not exceed a	
ggplant (1)	Blister bestles, Colorado potato	% to 1% pts.	1
CA Only)	beetles, Flea beetles, Green peach aphids, Green stink bugs	per acre	
	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.	ons when insects	
	Whiteflies	1½ pts. per acre	1
	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.	ons when insects	
late: Do not n	nake more than 2 applications per year. Do	not exceed a	
neximum of 0.5 Grapes (7)	5 lb. of active ingredient (i.e., 11/5 pts.) per a		
Including CA)	Grape leafhoppers, Grape phylloxera (leaf form), Rose chafers	% qt. per 100 gals. or 1½ to 2 qts. per acre	
	SPECIFIC DIRECTIONS: Make application	ons when insects	Not
Note: Do not a	_lappear or feeding is noticed.  upply to Concord variety as severe plant inju	ry is likely to occur.	orch
Ground applica	tion is preferred. Do not make more than 3 speed a maximum of 3 lbs. of active ingredic	applications per	appi if im
(ale (21)	Cabbage flea bestles, Harlequin bugs,	1 qt. per acre	(CA
Including CA)	Imported cabbageworms SPECFIC DIRECTIONS: Make applicate	one when insects	
· · · · · · · · · · · · · · · · · · ·	appear or feeding is noticed.	Olis Wiell II Becas	1
Note: Do not r	make more than 1 application per year. Oo i 75 lb. of active ingredient (i.e., 1 qt.) per ac	not exceed a	
Lettuce (14)	Cabbage loopers, Diamondback moths		
(Except CA)	(larvae), Green peach aphids, Imported	per acre	
	cabbageworms, Leafnoppers SPECFIC DIRECTIONS: Make applicati	ons when irracts	
	appear or feeding is noticed.		
	Armyworms, Whitefies	1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	one when insects	
	of lettuce - Do not make more than 3 applic	ations after	
	we wrapper leaves at harvest. >> - Do not make more than 2 applications ;	per year.	- 1
Do not found on	op refuse to Evestock, Do not exceed a med	emum of 3 lbs. of	- 1
artis incredia	## (		<u> </u>
active ingredie	rit (i.e., 4 qts.) per acre per year.	1 to 1% ota	
active ingredie Lettuce (14)	rit (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (lanes), Green peach aptids, Imported	1 to 1½ qts. per scre	ord
active ingredie Lettuce (14)	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (lance), Green peach aphids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicate	per acre	orci mac app if in
active ingredie Lettuce (14)	rt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (lanee), Green peach aphids, Imported cabbageworms  SPECFIC DIRECTIONS: Make applicat appear or feeding is noticed.	per acre	orci mac app If in Pec
active ingredie Lettuce (14)	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (lance), Green peach aphids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicate	per acre ions when insects 11/5 qts. per acre	orci mac app If in Pec
active ingredie Lettuce (14) (CA Only)	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (arvee), Green peach aphids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	per scre lons when insects 11/2 qts, per scre lons when insects	orci mac app If in Pec
active ingredie Lettuce (14) (CA Only)  Note: On Hee	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Dismondback moths (lanee), Green peach aphids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	per scre lons when insects 11/2 qts, per scre lons when insects	orci mac app If in Pec
active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning- Remo	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (larvae), Green peach aptids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  If in the cabbage is not make more than 3 applications wasper leaves at hervest.  De - Do not make more than 2 applications.	per scre ions when insects 11/2 qts, per scre ions when insects cations after per year.	ordinate app
active ingredie Lettuce (14) (CA Only)  Note: On Hee thinning, Remain Do not feed or	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (larvee), Green peach aphids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  and lettuce - Do not make more than 3 applications on the period of	per scre ions when insects 11/2 qts, per scre ions when insects cations after per year.	ordinate app
Note: On Heathing Remo	Int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (tanke), Green peach aphids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  In the second secon	per scre lons when insects  115 qts, per scre lons when insects cations after per year, ximum of 3 lbs, of  1 to 115 qts.	ordinate app
Note: On Heat thinning-Remic On Leaf lettur Do not feed or active ingredie Musterd greens (21)	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (larvee), Green peach aptids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  specific Directions: Make applicat appear or feeding is noticed.  at lettuce - Do not make more than 3 applications op refuse to it vestock, Do not exceed a majorit (i.e., 4 qts.) per acre per year.  Aptids, Cabbage loopers, Diamond-back moths (larvee), Fall armyworms,	per scre lons when insects 11/4 qts, per scre lons when insects cations after per year, ximum of 3 lbs, of	orci mac app If in Pec
Note: On Heat thinning-Remic On Leaf lettur Do not feed or active ingredie Musterd greens (21)	Int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (tanke), Green peach aphids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  In the second secon	per scre lons when insects  115 qts, per scre lons when insects cations after per year, ximum of 3 lbs, of  1 to 115 qts.	orci mac app If in Pec
active ingredie Lettuce (14) (CA Only)  Note: On Hee thinning, Remain Do not feed or	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aprids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  If lettuce - Do not make more than 3 applications or refuse to livestock, Do not exceed a maint (i.e., 4 qts.) per acre per year.  Aphids, Cabbage loopers, Diamondbeck moths (larvee), Fall armyworms, Flee beelee, Harlequin bugs, imported cabbageworms, Leefnoppers  SPECIFIC DIRECTIONS: Make applications or the cabbageworms.	per acre lons when insects  1½ qts, per acre lons when insects cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre	ord mac app if in Pec (Ex
Note: On Heathining-Remic On Leaf lettur Do not feed or active ingredie Musterd greens (21)	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aprids, imported cabbageworms  SPECFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Mitteriles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  In distance - Do not make more than 3 applications or refuse to livestock. Do not exceed a maint (i.e., 4 qts.) per acre per year.  Aphids, Cabbage loopers, Diamondbeck moths (larves), Fall armyworms, Flea beetles, Harlequin bugs, imported cabbageworms, Leefloopers  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	per scre lons when insects  11/4 qts, per scre lons when insects cations after per year, simum of 3 lbs, of  1 to 11/4 qts, per scre lons when insects	ord mac app if in Pec (Ex
Note: On Heathining-Remic On Leaf lettur Do not feed or active ingredie Musterd greens (21)	nt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aprids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whitefiles  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  In Metruce - Do not make more than 3 applications or refue to livestock, Do not exceed a major of the complete t	per scre lons when insects  11/4 qts, per scre lons when insects cations after per year, ximum of 3 lbs, of  1 to 11/5 qts, per scre lons when insects	ord made applifin Pec (Ex
Note: On Heathining-Remicon Leaf letture on Leaf letture on Leaf letture on the letture on the letture on Leaf letture on Le	rt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (larve), Green peach aptids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  If in the continuous more than 3 applications on the continuous more than 3 applications on retue to livestock, Do not occeed a majort (i.e., 4 qts.) per acre per year.  Aphids, Cabbage loopers, Diamondback moths (larves), Fall armyworms, Flea beetles, Harlequin bugs, Imported cabbageworms, Leathoppers  SPECIFIC DIRECTIONS: Make applications of the continuous professional process.  Whiteflies  SPECIFIC DIRECTIONS: Make applications or feeding is noticed.	per acre lons when insects  1½ qts, per acre lons when insects cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre lions when insects  1½ qts, per acre lions when insects	No or par
active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning. Remo On Leaf lettu Do not feed or scrive ingredie Musterd greens (21) (Except CA)	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aptids, imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  If the structure of the structu	per scre  Ions when Insects  1½ qts, per scre Ions when insects  cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre Ions when insects  1½ qts, per scre Ion when insects  not exceed a	ned appris in man Pec (Example Control
Active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning, Remo On Leaf lettuc Do not feed or active ingredie Mustard greens (21) (Except CA)  Note: Do not maximum of 1	rit (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aptids, imported cabbageworms  SPECFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  If inture - Do not make more than 3 applications operature to livestock. Do not exceed a maint (i.e., 4 qts.) per acre per year.  Aptids, Cabbage loopers, Diamondbeck moths (larvee), Fall armyworms, Fiela beeting, Hartequin bugs, Imported cabbageworms, Lestinoppers  SPECIFIC DIRECTIONS: Make applications or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applications or feeding is noticed.	per acre lons when insects  1½ qts, per acre lons when insects cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre lions when insects  1½ qts, per acre lion when insects acre per year,	Not orchange in the part of th
active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning, Remo On Leaf lettuc Do not feed or active ingredie Mustard greens (21) (Except CA)  Note: Do not maximum of 1	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (lanee), Green peach aptids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  and lettuce - Do not make more than 3 applications op refuse to it westock, Do not exceed a materit (i.e., 4 qts.) per acre per year.  Aphids, Cabbage loopers, Diamondback moths (larvee), Fall armyworms, Fies beeties, Hartequin bugs, Imported cabbageworms, Letthoppers  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  make more than 1 application per year. Do b. of active ingredient (i.e., 1½ qts.) per acre Aphids, Cabbage loopers, Diamondback moths (larves), Fies beeties,	per scre  Ions when Insects  1½ qts, per scre Ions when insects  cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre Ions when insects  1½ qts, per scre Ion when insects  not exceed a	ned appris in man Pec (Example Control
Active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning, Remo On Leaf lettu Do not feed or active ingredie Mustard greens (21) (Except CA)  Note: Do not maximum of 1 Mustard greer	rt (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondbeck moths (larvee), Green peach aptids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  The large of large is noticed.  The large of large is noticed.  Aphids, Cabbage loopers, Diamondback moths (larvee), Fall armyworms, Flee beetles, Harlequin bugs, Imported cabbageworms, Leafnopers  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  make more than 1 application per year. Do b. of active ingredient (i.e., 1½ qts.) per acre is Aphids, Cabbage loopers, Diamondback moths (ieruse), Flee beetles, Harlequin bugs, Imported cabbage-	per acre lons when insects  1½ qts, per acre lons when insects cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre lions when insects  1½ qts, per acre lion when insects acre per year,	ned appris in man Pec (Example Control
Active ingredie Lettuce (14) (CA Only)  Note: On Heat thinning, Remo On Leaf lettu Do not feed or active ingredie Mustard greens (21) (Except CA)  Note: Do not maximum of 1 Mustard greer	int (i.e., 4 qts.) per acre per year.  Cabbage loopers, Diamondback moths (lanee), Green peach aptids, Imported cabbageworms  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  and lettuce - Do not make more than 3 applications op refuse to it westock, Do not exceed a materit (i.e., 4 qts.) per acre per year.  Aphids, Cabbage loopers, Diamondback moths (larvee), Fall armyworms, Fies beeties, Hartequin bugs, Imported cabbageworms, Letthoppers  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  Whiteflies  SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.  make more than 1 application per year. Do b. of active ingredient (i.e., 1½ qts.) per acre Aphids, Cabbage loopers, Diamondback moths (larves), Fies beeties,	per acre lons when insects  1½ qts, per acre lons when insects cations after per year, simum of 3 lbs, of  1 to 1½ qts, per acre lions when insects  1½ qts, per acre lion when insects act exceed a re per year,  1 qt, per acre	ned appris in man Pec (Example Control

	· · · · · · · · · · · · · · · · · · ·	Rate of
Crop	Pests	Application
Pears (7) Except CA)	Green fruitworms, Tamished plant bugs	分 ct. per 100 gals, or 2% to
_xcopt Grty	'	3½ cts. per acre
	SPECIFIC DIRECTIONS: Make applica	tions at white bud
	or petal fall when insects appear or feed	ling is noticed.
	Pear psylla SPECIFIC DIRECTIONS: Apply in a mit	3½ qts. per acre
	of water for serial application or in 300	cals, of water for
	dilute application. Apply when adults are	first observed or
	nymphs are small and repeat to maintain Pear rust mites, Consperse stink bugs	n control. % qt. per 100
	(Foliar treatment)	gals. or 2% to
		3½ qts. per acre
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed. Stink bug	itions when insects
	spray to obtain control.	s likel be wel by
	Consperse stink bugs	35 qt, per 100
	(Soil treatment)	gals, or 200 to 400 gals, per acre
	SPECIFIC DIRECTIONS: Apply to orch	ard floor and
	around trees prior to bloom.	
	Pearleaf blister mites	35 to 35 qt.
	SPECIFIC DIRECTIONS: Apply to tree	per 100 gats.
	or domant treatment.	
lote: Do not fe	ed cull fruits to animals or allow livestock t	o graze in treated
rchards. Do no naximum of 3 lb	t make more than 2 applications per year. is, of active ingredient (i.e., 4 qts.) per acr	Do not exceed a
	not result in satisfactory control and should	
	apply by ground.	Tool 1
Rears (7) CA Only)	Pear paylis SPECIFIC DIRECTIONS: Apply in a m	3% qts. per acre
C C , ,	of water for serial application or in 300	
	dilute application. Apply when adults ar	e first observed or
	nymphs are small and repeat to mainta Pear rust mites, Consperse stink bugs	
	(Foliar treatment)	% qt. per 100 gais, or 2% to
.*		315 qts. per acre
<i>(</i> )	SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed. Stink but	ations when insects
•	spray to obtain control.	is liker ne wer by
	Consperse stink bugs	% qt. per 100
	(Soil treatment)	gale, or 200 to
	SPECIFIC DIRECTIONS: Apply to ore	400 gais, per acre
	around trees prior to bloom.	
	Pearleaf blister mites	% to % qt.
	SPECIFIC DIRECTIONS: Apply to tree	per 100 gals.
	or dorment treatment.	•
	ed culi fruits to animals or allow livestock of make more than 2 applications per year	
maximum of 3 t	bs. of active ingredient (i.e., 4 qts.) per ac	re per veer. Aerial
application may	not result in satisfactory control and shou	id only be employed
r impossible to Pecans	apply by ground.  Black pecan aphids, Pecan nut	1 gt, per 100 gals.
(Except CA)	casebearers, Spittlebugs	i de bar 100 Same
	SPECIFIC DIRECTIONS: Make applic	
ŧ.	eppear or feeding is noticed. For Cas when eggs of first generation appear	
!	young nuts. Another application may b	
	second generation of eggs is deposits	
	apply when first leaves are half grown required.	and repeat as
	Pecan less phylioxera	% to 1 qt.
		per 100 gals.
	SPECIFIC DIRECTIONS: Apply when before they are enclosed in plant tissue.	nymphs appear and
	lations, use the higher rate.	a. For regit popul
Note: Do not a	ipply after shuck split. Do not graze livesto	ck on orchard crops
	ealed areas. Do not make more than 2 at a maximum of 3 lbs. of active ingredient (	
per year.	a manimization 3 mar or active triblectors (	i.e., + qual per acre
Pecans	Black pecan aphids, Pecan nut	1 qt. per
(CA Only)	casebearers, Spittlebugs	100 gala.
	SPECIFIC DIRECTIONS: Make applications or feeding is noticed. For Care	
	when eggs of first generation appear	on the tipe of young
	nuts. Another application may be requ	ired after the second
	generation of eggs is deposited. For when first leaves are half grown and re	
Note: Do not a	apply after shuck split, Do not graze livesk	ck on orchard crops
or grasses in t	rested areas. Do not make more than 2 a	pplications per year.
Do not exceed	a modimum of 3 lbs, of active ingredient	(i.e., 4 qts.) per scre

Crop	Pests	Rate of Application	
eppers (1) ncluding	Flea beetles, Green peach aphids, Hornworms, Pepper maggots	% qt. per acre	
A)	SPECIFIC DIRECTIONS: Make application	s when insects	
and British	appear or feeding is noticed.		
	t make more than 2 applications per year, Do 1 lb. of active ingredient (i.e., 1½ qts.) per ac		
eppers (4)	Armyworms, Flee beetles, Green peach	% to 1% ots.	
Except CA)	aphids, Hornworms, Leathoppers, Pepper maggots		
	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.		
	Whitefies SPECFIC DIRECTIONS: Make application	1% qts. per acre	
	appear or feeding is noticed.	Wien insecs	
	t make more than 2 applications per year. D		
naximum of	2 lbs. of active ingredient (l.e., 2% qts.) per a  Flee beetles, Green peach aphids,	acre per year. 35 to 135 qts.	
CA Only)	Horrworms, Pepper maggots	93 to 173 qua. per acre	
••	SPECIFIC DIRECTIONS: Make application		
	appear or feeding is noticed. Whitefiles	1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make application		
M-A P	appear or feeding is noticed.		
	k make more then 2 applications per year. D 2 lbs. of active ingredient (i.e., 2% qts.) per		
Pineapple	Pineapple fruit mites	2 to 2% qts. per	
(7) Fresh	SPECER OPECTONS, Halia and the	acre	
	SPECIFIC DIRECTIONS: Make application appear or feeding is noticed. Apply at inter	veils of 7 to 10 days.	
(CA Only)	if necessary, particularly during the 40-day	blooming period.	
	it feed forage or Pineapple by-products to liv		
	applications per year. Do not exceed a maxilient (i.e., 4 qts.) per acre per year.	III JAN III OI O III O III O	
Plums (7),	Fruittree leafrollers	35 qt. per 100 gals.	
Prunes (7) (Except CA)	(Pacific Northwest Only)	or 2% to 3% qts. per acre	
,	SPECIFIC DIRECTIONS: Apply during pre		
	when insects appear or feeding is noticed		
	Aphids (Including Hop aphids, Leafour aphids, Thistie aphids), Plum rust	% qt per 100 gals. or 2% to	
	(Nursery) mites	3% qts. per acre	
	D	SPECIFIC DIRECTIONS: For control of Aphids, apply when	
	SPECIFIC DIRECTIONS: For control of Ap	ohids, apply when	
	SPECIFIC DIRECTIONS: For control of Apeggs hetch during pre-bloom or petal fall.	ohids, apply when	
	SPECIFIC DIRECTIONS: For control of Ap	ohids, apply when Summer applications  25 qt. per 100 gals.	
	SPECIFIC DIRECTIONS: For control of Ap eggs hetch during pre-bloom or petal fall. S should be made before leaves curt.	ohids, apply when Summer applications % qt. per 100 gals. or 2% to	
	SPECIFIC DIRECTIONS: For control of Ap leggs hetch during pre-bloom or petal fall. S should be made before leaves curt. Peach twig borers	ohids, apply when Summer applications % qt. per 100 gals. or 2% to 3% qts. per acre	
	SPECIFIC DIRECTIONS: For control of Apeggs herch during pre-bloom or petal fall. Sahould be made before leaves curt.  Peach twig borers  SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.	orids, apply when Summer applications % qt. per 100 gals. or 2% to 3½ qts. per acre na when insects	
	SPECIFIC DIRECTIONS: For control of Ap eggs hetch during pre-bloom or petal fall. S should be made before leaves curt. Peach twig borers SPECIFIC DIRECTIONS: Make application	hids, apply when Summer applications  % qt. per 100 gals. or 2% to 3½ qts. per acre na when insects  1 qt. per 100 gals. o 2% to 3½ qts. per	
	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fall. Sehold be made before leaves curt.  Peach twig borers  SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.  Lessor peachtres borers.	hids, apply when Summer applications % qt. per 100 gals. or 2% to 3% qts. per acre ns when insects 1 qt. per 100 gals, o 2% to 3% qts. per acre	
	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fall. Sehold be made before leaves curt.  Peach twig borers  SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.  Lessor peachtres borers.	hids, apply when Summer applications  3/4 qt. per 100 gals. or 2% to 3/4 qts. per acre na when insects  1 qt. per 100 gals. o 2% to 3/4 qts. per acre acre Pacific Northwest % to 1 qt. per 100	
	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fall. Sehold be made before leaves curt.  Peach twig borers  SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.  Lessor peachtres borers.	hids, apply when Summer applications  % qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. o 2% to 3% qts. per acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3%	
	SPECIFIC DIRECTIONS: For control of Apeggs hetch during pre-bloom or petal fall. sahould be made before leaves curt.  Peach twig borers  SPECIFIC DIRECTIONS: Make application appear or feeding is noticed.  Lessor peachtree borers,  Peachtree borers	3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre Pacific Northwest: 3/4 to 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre	
	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Seboud be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DIRECTIONS: Best control is capplication post-harvest, after leaves have	orids, apply when Summer applications  2/4 qt. per 100 gals. or 2% to 3½ qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3½ qts. per acre pacific Northwest % to 1 qt. per 100 gals. or 2% to 3½ qts. per acre obtained with a single dropped, Spray all	
Note: Do	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fall. Schoold be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scattori.	orids, apply when Summer applications  % qt. per 100 gals. or 2% to 3½ qts. per acre ns when insects  1 qt. per 100 gals. or 2% to 3½ qts. per acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3½ qts. per acre bitsined with a single imbe.	
areas. Do n	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold if ot allow livestock to graze on orchard crops to make more than 2 applications per year.	orids, apply when Summer applications  2/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre  11 qt. per 100 gals. or 29/4 to 3/4 qts. per acre  Pacific Northwest: 7/4 to 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre  bitsined with a single dropped. Spray all imbe.  or grasses in treated Do not exceed a	
areas. Do r medimum o	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold in at allow Svestock to graze on orchard crops of make more than 2 applications per year, if 3 lbs. of active ingredient (i.e., 4 qb.) per as the service of a lbs. of active ingredient (i.e., 4 qb.) per as the service of a lbs. of active ingredient (i.e., 4 qb.) per as the service of a lbs. of active ingredient (i.e., 4 qb.) per as the service of active ingredient (i.e., 4 qb.) per as the service of a large control of the service of a lbs. of active ingredient (i.e., 4 qb.) per as the service of a large control of	or gasses in treated a cre per year.	
ereas. Do r medimum o Plums (7),	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fall. S should be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is o application post-harvest, after leaves have bank areas from ground to lower scaffold is of allow livestock to graze on orchard crope to the search of the period of the search of the search of the search of the search or active ingredient (i.e., 4 qts.) per a Fruttree leafrollers	or crosses in treated a crop per year.  3/4 qt. per 100 gals. or 2% to 3/5 qts. per acre na when insects  1 qt. per 100 gals, o 2% to 3/5 qts. per acre Pacific Northweet % to 1 qt. per 100 gals. or 2% to 3% qts. per acre blained with a single dropped, Spray all imbs. or grasses in treated Do not exceed a cre per year.	
areas. Do r maximum o	SPECFIC DIRECTIONS: For control of Apeggs hetch during pre-bloom or petal fall. Selrould be made before leaves curf.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scale have not relate more than 2 applications per year, if 3 lbs. of active ingredient (i.e., 4 qbs.) per a Fruitree leafroliers (Pacific Northwest Only)	orids, apply when Summer applications  % qt. per 100 gals. or 2% to 3½ qts. per acre ne when insects  1 qt. per 100 gals, or 2% to 3½ qts. per acre Pacific Northweet % to 1 qt. per 100 gals. or 2% to 3½ qts. per acre obtained with a single dropped, Spray all imbs. or grasses in treated to not exceed a cre per year. % qt. per 100 gals. or 2% to 3% qts. per acre	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold if ot make more than 2 applications per year, if 3 lbs. of active ingredient (i.e., 4 qts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DIRECTIONS: Apply during property of the period of the	or grasses in treated by or 2% to 3½ qt. per 100 gais. or 2% to 3½ qts. per acre na when insects  11 qt. per 100 gais, or 2% to 3½ qts. per acre Pacific Northwest % to 1 qt. per 100 gais, or 2% to 3½ qts. per acre or grasses in treated be not exceed a cre per year.  15 qt. per 100 gais, or 2% to 3½ qts. per acre per year.  15 qt. per 100 gais, or 2% to 3½ qts. per acre per year.	
areas. Do r medimum o Plums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. S should be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed. Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is of application post-harvest, after leaves have bank areas from ground to lower scaffold if of allow fivestock to graze on orchard crops of to make more than 2 applications per year.  If 3 libs. of active ingredient (i.e., 4 db.) per a Fruittree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during pr when insects appear or feeding is noticed	or 2% to 3% qts. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre pacific Northwest % to 1 qt. per 100 gals. or 2% to 3% qts. per acre obtained with a single dropped. Spray all imbs. or grasses in treated bo not exceed a cre per year.  1 % qt. per 100 gals. or 2% to 3% qts. per acre pink stage of growth.	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bark areas from ground to lower scarfold if of allow ilvestock to graze on orchard crops to allow ilvestock to graze on orchard crops to allow ilvestock to graze on orchard crops to make more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 qts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECIFIC DIRECTIONS: Apply during providen insects appear or feeding is noticed Aprilds (including Hop sphids, Leafcuril aphids, Thistie aphids.) Plum rust	shids, apply when Summer applications  % qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3% qts. per acre bitained with a single dropped. Spray all mibe. or grasses in treated Do not exceed a cre 9% qt. per 100 gals. or 2% to 3% qts. per acre pink stage of growth. % qt. per 100 gals. or 2% to 3% qts. per scre pink stage of growth. % qt. per 100 gals. or 2% to 2% to 2% qt. per 2% to 3% qts. per 30% qts. per 30% qts. per 30% qts. per 30% qts. per 2% to 2% t	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DIRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DIRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DIRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold if ot allow livestock to graze on orchard crops of the make more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 qts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DIRECTIONS: Apply during provident insects appear or feeding is noticed Aphide (including Hop aphids, Leafcurl aphids, Thistie aphids), Plum rust (Nursery) mites	orids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre ns when insects  1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre Pacific Northwest: 9/4 to 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre obtained with a single dropped. Spray all imbe.  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre a-pirk stage of growth i.  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre a-pirk stage of growth i.  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DRECTIONS: Best control is application post-harvest, after leaves have bark areas from ground to lower scaffold including the safety of allow fivestock to graze on orchard crops of make more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 qbs.) per a Fruttree leafrollers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during provident (including Hop aprilds, Leafourl aphids, Thistie aphids), Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A	or 2% to 3% qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre pacific Northwest % to 1 qt. per 100 gals. or 2% to 3% qts. per acre or gasses in treated bo not exceed a cre per year.  3% qt. per 100 gals. or 2% to 3% qts. per acre pink stage of growth.  3% qt. per 100 gals. or 2% to 3% qts. per acre phids, apply when	
aress. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apieggs hatch during pre-bloom or petal fail. Seboud be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scarloid is application post-harvest, after leaves have bank areas from ground to lower scarloid is at a low livestock to graze on orchard crope to make more than 2 applications per year. If a like, of active ingredient (i.e., 4 qts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during prowhen insects appear or feeding is noticed Aphida (including Hop sphida, Leafour aphids, Thistie aphida), Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail, should be made before leaves curt.	shids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3/s qts. per acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3/s qts. per acre obtained with a single of opped. Spray all mbs. or grasses in treated Do not exceed a cre per year.  3/s qts. per acre spirit stage of growth 1.  3/s qts. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sebold be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold if ot allow fivestock to graze on orchard crops to treate more than 2 applications per year, if 3 lbs. of active ingredient (i.e., 4 cbs.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during proving in treated applies, Thistie applies, Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of Aphlds (Including Hop sphids, Leafcuri applies, Thistie aphlds), Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of Aphlds (Including Hop sphids, For control of Aphlds applied, Thistie aphlds).	or 2% to 3% qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre na when insects  1 qt. per 100 gals. or 2% to 3% qts. per acre pacific Northwest % to 1 qt. per 100 gals. or 2% to 3% qts. per acre obtained with a single dropped. Spray all mbs. or grasses in treated Do not exceed a cre per year.  3% qt. per 100 gals. or 2% to 3% qts. per acre pink stage of growth.  3% qt. per 100 gals. or 2% to 3% qts. per acre phids, apply when Summer applications	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hetch during pre-bloom or petal fail. Seboud be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed. Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is application post-harvest, after leaves have bank areas from ground to lower scaffold it of allow fivestock to graze on orchard crops to treate more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 dbs.) per a Fruittree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during per when insects appear or feeding is noticed Aphide (including Hop sphids, Leafcurl aphids, Thiese aphids), Plum rust (Nursery) mites  (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail. should be made before leaves curt.	shids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre na when insects  1 qt. per 100 gals, or 2% to 3/s qts. per acre acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3/s qts. per acre obtained with a single dropped. Spray all imbs. or grasses in treated bo not exceed a cre per year.  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phirk stage of growth.  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Seboud be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bark areas from ground to lower scaffold it of allow fivestock to graze on orchard crope to transte more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 cbs.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during province in section applies. Thistis applies, Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of Aeggs hatch during pre-bloom or petal fail, should be made before leaves curl.  Peach twig borers	shids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre na when insects  1 qt. per 100 gals, or 2% to 3/s qts. per acre acre Pacific Northwest % to 1 qt. per 100 gals. or 2% to 3/s qts. per acre obtained with a single dropped. Spray all imbs. or grasses in treated bo not exceed a cre per year.  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phirk stage of growth.  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apieggs hatch during pre-bloom or petal fail. Seboud be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bank areas from ground to lower scattoid in ot allow livestock to graze on orchard crops to make more than 2 applications per year. If 3 libs. of active ingredient (i.e., 4 qts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during prowing insects appear or feeding is noticed. Aphide (including Hop sphids, Leacuri aphids, Thistie aphids), Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail. should be made before leaves ourl.  Peach twig borers  SPECFIC DRECTIONS: Meire application appear or feeding is noticed.	shids, apply when Summer applications  2/4 qt. per 100 gals. or 2% to 3½ qts. per acre  ns when insects  1 qt. per 100 gals, or 2% to 3½ qts. per acre  Pacific Northwest: % to 1 qt. per 100 gals. or 2% to 3½ qts. per acre  bitsined with a single of dropped. Spray all mibe.  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  a-pink stage of growth  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  phids, apply when  Summer applications  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  phids, apply when  Summer applications  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  phids, apply when  Summer applications  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  phids, apply when  Summer applications  2/5 qt. per 100 gals. or 2% to 3½ qts. per acre  proposed to 2% to 3% qts. per acre  proposed to 4% qts. p	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Seboud be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bark areas from ground to lower scaffold it of allow fivestock to graze on orchard crope to transte more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 cbs.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during province in section applies. Thistis applies, Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of Aeggs hatch during pre-bloom or petal fail, should be made before leaves curl.  Peach twig borers	shids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre na when insects  11 qt. per 100 gals, or 29/4 to 3/5 qts. per acre pacific Northwest 3/4 to 1 qt. per 100 gals. or 29/4 to 3/5 qts. per acre obtained with a single dropped. Spray all imbs. or grasses in treated be not exceed a cre per year.  3/5 qt. per 100 gals. or 29/4 to 3/5 qts. per acre phik stage of growth.  3/5 qt. per 100 gals. or 29/4 to 3/5 qts. per acre phids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/5 qts. per acre one when insects  3/4 to 1 qt. per 100 gals. or 29/4 to 3/5 qts. per acre one when insects	
areas. Do r medimum o Plums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sebold be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bank areas from ground to lower scaffold it of allow fivestock to graze on orchard crope to traite more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 cts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during proving in the period of Aphids (including Hop sphids, Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail, should be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.	shids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre na when insects  1 qt. per 100 gals, o 2% to 3/s qts. per acre acre  Pacific Northwest: 3/s to 1 qt. per 100 gals. or 2% to 3/s qts. per acre obtained with a single of opped. Spray all imbs.  or grasses in treated be on exceed a cre per year.  3/s qts. per 100 gals. or 2% to 3/s qts. per acre phids, apply when Summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre phids, apply when summer applications  3/s qt. per 100 gals. or 2% to 3/s qts. per acre ons when insects  3/s to 1 qt. per 100 gals. or 2% to 3/s qts. per acre ons when insects	
areas. Do r medimum o Piums (7), Prunes (7)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sehold be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bank areas from ground to lower scarfold it of allow livestock to graze on orchard crope tot make more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 qbs.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during proving interests appear or feeding is noticed Aphide (including Hop aphide). Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail. should be made before leaves curt.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers,  Peachtree borers.	shids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre ns when insects  1 qt. per 100 gals, or 29/4 to 3/4 qts. per acre Pacific Northwest 9/4 to 1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre bitained with a single of dropped. Spray all imbe.  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre a-pink stage of growth  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre phids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre phids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre phids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre postalned with a single	
areas. Do n madmum or n Plums (7), Prunes (7) (CA Only)	SPECFIC DRECTIONS: For control of Apeggs hatch during pre-bloom or petal fail. Sebold be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.  Peachtree borers  SPECFIC DRECTIONS: Best control is capplication post-harvest, after leaves have bank areas from ground to lower scaffold it of allow fivestock to graze on orchard crope to traite more than 2 applications per year. If 3 lbs. of active ingredient (i.e., 4 cts.) per a Fruttree leafroliers (Pacific Northwest Only)  SPECFIC DRECTIONS: Apply during proving in the period of Aphids (including Hop sphids, Plum rust (Nursery) mites  SPECFIC DRECTIONS: For control of A eggs hatch during pre-bloom or petal fail, should be made before leaves curl.  Peach twig borers  SPECFIC DRECTIONS: Make application appear or feeding is noticed.  Lesser peachtree borers.	shids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/4 qts. per acre na when insects  1 qt. per 100 gals. or 29/4 to 3/4 qts. per acre Pacific Northwest 9/4 to 1 qt. per 100 gals. or 29/4 to 3/5 qts. per acre shind with a single dropped, Spray all mbs. or grasses in treated Do not exceed a cre per year.  3/4 qt. per 100 gals. or 29/4 to 3/5 qts. per acre spink stage of growth.  3/4 qt. per 100 gals. or 29/4 to 3/5 qts. per acre phids, apply when Summer applications  3/4 qt. per 100 gals. or 29/4 to 3/5 qts. per acre ons when insects  5/4 to 1 qt. per 100 gals. or 29/4 to 3/5 qts. per acre ons when insects  5/4 to 1 qt. per 100 gals. or 29/4 to 3/5 qts. per acre obtained with a single a dropped. Spray all old limbs.	

Crop	Pests	Rate of Application	
Potatoes (1) Including CA)	Aphids, Armyworms, Colorado potato beetles, Green stink bugs, Leaffooted bugs, Plant bugs, Potato flea beetles, Potato leaffnoppers, Potato tuber-worms, Threelined potato beetles	¾ to 1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
	European com borers, Potato psylids	1 to 1% qts. per acre	
	SPECIFIC DIRECTIONS: Make applice appear or feeding is noticed.	cations when insects	
	False chinch bugs, Whiteflies	1 to 1% qts. per acre	
	SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed.	cations when insects	
meximum of 3 II CHEMIGATION: amount of this p	ake more than 6 applications per year.  13. of active ingredient (i.e., 4 qts.) per s For application by Imigation systems, a moduct per acre. Follow alt directions gis N USE INSTRUCTIONS" section of thi	icre per year, pply the specified on under the	
Spinsch (21) (Except CA)	Armyworms, Crown mites, Flea beetles, Green peach aphids, Leafhoppers	1 to 1½ qts. per acre	
	SPECIFIC DIRECTIONS: Make applications appear or feeding is noticed.	cation when insects	
	Whitefies	1% qts. per acre	
	SPECIFIC DIRECTIONS: Make appli appear or feeding is noticed.	cation when insects	
Note: Do not n maximum of 1 i	nake more than 1 application per year. I b. of active ingredient (i.e., 1½ qts.) per	Do not exceed a acre per year.	
Spinach (21) (CA Only)	Crown mites, Flea beatles, Green peach aphids, Whiteflies	1 qt. per acre	
	SPECIFIC DIRECTIONS: Make appli appear and feeding is noticed.	cation when insects	
	nake more than 1 application per year. I 75 lb. of active ingredient (i.e., 1 qt.) per		
Strawberries (4) (Including CA)	Meadow splittlebugs, Strawberry aphide, Terrished plant bugs, Whitefies	1% qts. per acre	
	SPECIFIC DIRECTIONS: Make appl appear or feeding is noticed. Do not or more than twice during a 35-day p present.	reapply within 15 days	
	Cyclemen mites	2% qts, per acre in 400 gais.	
; ; ;	SPECIFIC DIRECTIONS; Make appl appear or feeding is noticed. Thorou stern and crown of the plant. For mul not apply at Intervels less than 35 da	gitly wet the foliage, tiple applications, do	
	make more than 3 applications per year lbs. of active ingredient (i.e., 4 qts.) per		
Strawberries (Northwest	Garden symphylens (Aids in reducing damage)	1½ qts. per 100 gals.	
Use Only) (Except CA)	SPECIFIC DIRECTIONS: Mix thorou When immeraing bundles of plants, r	make certain any	
(Except CA)	trapped air is forced out to assure the entire plant.	Diodii waang a uu	
Note: Full per	entire plant.  sonal protective equipment (PPE) required dipping operation. Drain and allow p	rements for applicators	
Note: Full per	entire plant.  sonal protective equipment (PPE) required dipping operation. Drain and allow p	rements for application lants to dry before	

Crop	Posts	Rate of Application
Sweet com (1)	Com leaf aphids, Whiteflies	1/3 qtsper acre
Fresh /egetable Jse Only)	SPECIFIC DIRECTIONS: Make applic appear or feeding is noticed.	ations when insects
including CA)	Com earworms	2 qts. per acre
	SPECIFIC DIRECTIONS: Apply when continue until they begin to dry. Allow 5 applications.	days between
lorage or ensite not make more :	ply to Sweet com to be processed. Do ge to livestock or allow livestock to graz hen 3 applications per year. Do not exc redient (f.e., 4 qts.) per acre per year.	e in treated fields. Do
Sweet potatoes (1) (Except CA)	Sweet potato flea beetles, Sweet potato weevils	% qt. per acre
	SPECIFIC DIRECTIONS: Make applic appear or feeding is noticed. For Fies applications shortly after transplanting beetles appear. For Sweet potato wer sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as Sweet potato weevil control in a clean a rate of 2½ qts. per acre to the soil upotato rursery beds. Do not place the se	t beetle control, begin or as soon as Fiea evil control, apply in the Applications may be for in the field. necessary. For tup program, apply at moder the Sweet recliately surrounding
	the ground treated with this product.	ed tubers directly on
	Whiteflies	1½ qts. per acre
	SPECIFIC DIRECTIONS: Make applicativity or feeding is noticed.	
	Banded cucumber beetles (larvae) - (Aids in control) (South Central states and Puerto Rico Only)	1½ to 2½ qts. per acre broadcast or ½ to 1 qt. per acre on a 16" band over the row (48" row spacing)
	SPECIFIC DIRECTIONS: Work Into the	a call to a doubt of
	approximately 3 inches. Treatment shiption to plant set.	
treated fields, ()	approximately 3 inches, Treatment sh	ould be made just estock to graze in er year, Do not exceed
treated fields. C a maximum of 3	approximately 3 inches. Treatment shi prior to plant set. led cull Potatoes to livestock or allow liv to not make more than 3 applications pi ibs. of active Ingredient (i.e., 4 qts.) pe Sweet potato flee beetles, Sweet potato weevils	estock to graze in er year. Do not exceed r acre per year. % qt. per acre
treated fields, p a maximum of 3 Sweet potatoes (1) (CA Only)	approximately 3 inches. Treatment shiprior to plant set.  ed cul Potatoes to livestock or allow into once make more than 3 applications p is be. of active ingredient (i.e., 4 qts.) per potato weekles. Sweet potato weekles  SPECIFIC DIRECTIONS: Make applications shortly after transplanting bedies appear or feeding is noticed. For Field applications shortly after transplanting bedies appear, For Sweet potato we sufficient water for complete coverage made to transplants in the nursery are Repeat applications may be made as	estock to graze in ar year. Do not exceed r acre per year. % qt. per acre cations when insects a beetle control, begin or as soon as Flee evil control, apply in e. Applications may be for in the field.
treated fields, C a maximum of 3 Sweet potatoes (1) (CA Only) Note: Do not fit treated fields, I	approximately 3 inches. Treatment shiprior to plant set.  ed cul Potatoes to livestock or allow into once make more than 3 applications p is be. of active ingredient (i.e., 4 qts.) per best potato flee beetles, Sweet potato weekles  SPECIFIC DIRECTIONS: Make applications shortly after transplanting beetles appear or feeding is noticed. For Fierapplications shortly after transplanting beetles appear, For Sweet potato we sufficient water for complete coverage made to transplants in the nursery and	estock to graze in er year. Do not exceed acre per year.  % qt. per acre cations when insects a beete control, begin on est control, apply in e. Applications may be for in the field.  In necessary.
treated fields, C a maximum of 3 Sweet potatoes (1) (CA Only) Note: Do not fit treated fields, I	approximately 3 inches. Treatment shiprior to plant set.  ed cull Potatoes to livestock or allow live to not make more than 3 applications possess to act we have a special potato weeklis.  SPECIFIC DIRECTIONS: Make applications explications shortly after transplanting beetles appear. For Sweet potato we sufficient water for complete coverage made to transplants in the nursery and Repeat applications in the nursery and Repeat applications in the nursery and Repeat applications to livestock or allow live to not make more than 3 applications p. 1.5 lbs. of active ingredient (i.e., 2 qts.) Aphilds (including Green peach aphilds, Robecco aphilds), Budworms, Cabbage loopers, Flee beetles, Hornworms	estock to graze in er year. Do not exceed acre per year.  % qt. per acre cations when insects a beetle control, begin or as soon as Flee evil control, apply in b. Applications may be for in the field. In necessary.  estock to graze in er year. Do not exceed per acre per year.  Seed Bed: % qt. per 100 gals.
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shipror to plant set.  ed cull Potatoes to livestock or allow live to cull Potatoes to livestock or allow live to not make more than 3 applications pilibs, of active ingredient (i.e., 4 qts.) pel Sweet potato field beetles, Sweet potato weevils  SPECFIC DIRECTIONS: Make applications shortly after transplanting beetles appear. For Sweet potato we sufficient water for complete coverage made to transplantin in the nursery are Repeat applications may be made to transplantin in the nursery are Repeat applications and the nursery are Repeat explications may be made to transplantin in the nursery are Repeat explications from 3 applications pil.5 lbs. of active ingredient (i.e., 2 qts.)  Aphids (including Green peach aphids, Robecco aphids), Budworms, Cabbage loopers, Flee beetles, Hormsorms  SPECFIC DIRECTIONS: Make appli appear or feeding is noticed. Apply a finished spray per 100 sq. yds.	estock to graze in er year. Do not exceed acre per year.  % qt. per acre cations when insects a beetle control, begin or as soon as Flea evil control, apply in e. Applications may be stor in the field.  In necessary.  Seed Bed: % qt. per acre care per year.  Seed Bed: % qt. per 100 gals.  cations when insects pproximately 6 gals. o
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shiptor to plant set.  ed cul Potatoes to livestock or allow six or not make more than 3 applications pit bs. of active ingredient (i.e., 4 qts.) per second potato fee beetles. Sweet potato fee beetles. Sweet potato weevils  SPECIFIC DIRECTIONS: Make applications or feeding is noticed. For File applications shortly after transplants were sufficient water for complete coverage made to transplants in the nursery are Repeat applications to livestock or allow lives or continued to transplants in the nursery and cull Potatoes to livestock or allow lives or continued to transplants in the nursery and cull Potatoes to livestock or allow lives or continued to transplants (i.e., 2 qts.)  Aphids (including Green peach aphids, Tobecco aphids), Budworms, Cabbage loopers, Flee beetles, Hornworms  SPECIFIC DIRECTIONS: Make appli appear or feeding is noticed. Apply a finished apmay per 100 sq. yds.  Green June bugs (larvee)	estock to graze in er year. Do not exceed a per year. To not exceed a screen per year.  % qt. per acre cations when insects a beets control, begin or as soon as Flea evil control, apply in a. Applications may be lifer in the field. In accessary.  Seed Bed: % qt. per 100 gats.  cations when insects approximately 6 gats. c
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shipror to plant set.  ed cul Potatoes to livestock or allow the continuous more than 3 applications possess to active ingredient (i.e., 4 qts.) per bits. of active ingredient (i.e., 4 qts.) per bits. of active ingredient (i.e., 4 qts.) per potato weeklis  SPECIFIC DIRECTIONS: Make applications shortly after transplanting bestes appear. For Sweet potato we sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as led cul Potatoes to livestock or allow live or not make more than 3 applications pil. 5 lbs. of active ingredient (i.e., 2 qts.) Aphids (including Green peach aphids, Robecco aphids), Budworms, Cabbage loopers, Fleat bestes, Hornworms  SPECIFIC DIRECTIONS: Make applications proceed on the set of setting is noticed. Apply a finished apray per 100 eq. yds.  Green June bugs (larvee)  SPECIFIC DIRECTIONS: Make applications or feeding is noticed. Apply a finished apray per 100 eq. yds.	estock to graze in er year. Do not exceed acre per year.  % qt. per acre cations when insects a beetle control, begin or as soon as Flea evil control, apply in a. Applications may be slor in the field. In necessary.  estock to graze in er year. Do not exceed per acre per year. Do not exceed per acre per year.  Seed Bed: % qt. per 100 gals.  Plant Bed: % pt. pt. pt. 100 gals.  cations when insects at a rate of 1 gel. per st. per 100 gals.
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shiptor to plant set.  ed cul Potatoes to livestock or allow it is on not make more than 3 applications pice to not make more than 3 applications pice. A qts.) per bas of active ingredient (i.e., 4 qts.) per potato weevils.  SPECIFIC DIRECTIONS: Make applications about a noticed. For Flex applications shortly after transplants we sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as led cul Potatoes to livestock or allow it continues more than 3 applications pil. 5 bs. of active ingredient (i.e., 2 qts.)  Aphids (including Green peach aphids, Tobacco aphids), Butworms, Cabbage loopers, Fleat beetles, Hornworms  SPECIFIC DIRECTIONS: Make applications by appear or feeding is noticed. Apply a finished spray per 100 sq. yds.  Green June bugs (larvee)  SPECIFIC DIRECTIONS: Make applications or feeding is noticed. Drench sq. yd.  Aphids (including Green peach aphids, Tobacco aphids), Butworms, Cabbage loopers, Fleat beetles, Green June bugs (larvee), Hornworms	estock to graze in er year. Do not exceed a graze in er year. Do not exceed a scre per year.  % qt. per acre cations when insects a beetle control, begin or as soon as Flea evil control, apply in a. Applications may be ti
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shipror to plant set.  ed cul Potatoes to livestock or allow it is or not make more than 3 applications possess of active ingredient (i.e., 4 qts.) per bit is or active ingredient (i.e., 4 qts.) per potato weevils  SPECFIC DIRECTIONS: Make applications about a noticed. For Flex applications shortly after transplanting beetles appear. For Sweet potato we sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as led cul Potatoes to livestock or allow lives on on make more than 3 applications plus beetles, Hornworms  Aphids (including Green peach aphids, Tobacco aphids), Butworms, Cabbage loopers, Fleat beetles, Hornworms  SPECFIC DIRECTIONS: Make applications proceed synds.  Green June bugs (larvee)  SPECFIC DIRECTIONS: Make applications plus process or feeding is noticed. Apply a finished spray per 100 sq. yds.  Green June bugs (larvee)  SPECFIC DIRECTIONS: Make applications, Cabbage loopers, Fleat beetles, Green June bugs (larvee), Hornworms  SPECFIC DIRECTIONS: Make applications, Cabbage loopers, Fleat beetles, Green June bugs (larvee), Hornworms  SPECFIC DIRECTIONS: Make applications, Cabbage loopers, Fleat beetles, Green June bugs (larvee), Hornworms  SPECFIC DIRECTIONS: Make applications plus designs of the sections of the sectio	estock to graze in er year. Do not exceed a serie per year. To not exceed a serie per year.  % qt. per acre cations when insects a beetle control, begin or as soon as Flea evil control, apply in a. Applications may be for in the field. In necessary.  estock to graze in er year. Do not exceed per acre per year. Do not exceed per acre per year. Do gais.  Cations when insects at a rate of 1 gal. per field: % to 1% qts per acre.  Field: % to 1% qts per acre.
rested fields, p a maximum of 3 Sweet potatoes (1) (CA Only)  Note: Do not fit treated fields, p a maximum of Tobacco (5)	approximately 3 inches. Treatment shipror to plant set.  ed cul Potatoes to livestock or allow it to not make more than 3 applications post to not make more than 3 applications post ba. of active ingredient (i.e., 4 qts.) per sweet potato weeklis  SPECFIC DIRECTIONS: Make applications shortly after transplanting bestes appear. For Sweet potato we sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as including a sufficient water for complete coverage made to transplants in the nursery and Repeat applications may be made as led cul Potatoes to livestock or allow live or not make more than 3 applications p. 1.5 bs. of active ingredient (i.e., 2 qts.) Aphids (including Green peach aphids, Robecco aphids), Budworms, Cabbage loopers, Flee bestes, Hornworms  SPECIFIC DRECTIONS: Make applications plus papear or feeding is noticed. Apply a finished apray per 100 sq. yds.  Green June bugs (larvee)  SPECIFIC DRECTIONS: Make applications, Cabbage loopers, Flee bestes, Green June bugs (larvee), Hornworms  SPECIFIC DRECTIONS: Make applications, Green June bugs (larvee), Hornworms  SPECIFIC DRECTIONS: Make applications plus papear or feeding Is noticed. Drench aphids, Tobacco aphids), Budworms, Cabbage loopers, Flee bestes, Green June bugs (larvee), Hornworms	estock to graze in er year. Do not exceed acre per year.  % qt. per acre cations when insects a beete control, begin or as soon as Flea evil control, apply in e. Applications may be for in the field.  Beed Bed: % qt. per acre evil control, apply in estock to graze in er year. Do not exceed per acre per year.  Seed Bed: % qt. per 100 gats.  Plant Bed: % pt. per 100 gats.  cations when insects at a rate of 1 gal. per acre  Field: % to 1% qts.  per acre  Cations when insects at a rate of 1 gal. per acre

Сгор	Pests	Application
Tomatoes (2) Field and Greenhouse) (Except CA)	Aphids, Blister beetles, Colorado potato beetles, Flea beetles, Tomato horriworms	% to 1% qts. per acre
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed.	ions when insects
	Cabbage loopers, Stink bugs	1 to 1½ qts. per acre
	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	ions when insects
	Tomato fruitworms, Tomato russet mites, Whiteflies, Yellowstriped armyworms	1% qts. per acre
	SPECIFIC DIRECTIONS: Make applicat appear or feeding is noticed.	ions when insects
	Whiteflies	Use ½ qt. per 100 gals. of water, Use 100 to 200 gals. of spray per acre.
	SPECIFIC DIRECTIONS: Make applicar appear or feeding is noticed. Higher spi be necessary for thorough coverage who populations exist.	ray volumes may
Note: Do not m maximum of 3 it	ake more than 6 applications per year. Do os, of active ingredient (i.e., 4 qts.) per acr	not exceed a e per year.
Tomatoes (2) (Field and Greenhouse) (CA Only)	Aphids, Blister beetles, Colorado potato beetles, Flea beetles, Tomato hornworms, Webworms	% to 1% qts. per acre
(OA OHY)	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Cabbage loopers, Stink bugs	1 to 1½ qts. per acre
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	tions when Insects
	Tomato fruitwoms, Tomato russet mites, Writefles, Yellowstriped ermywoms	1% qts. per acre
	SPECIFIC DIRECTIONS: Make applica appear or feeding is noticed.	ntions when insects
!	Whitefiles	Use 1/2 ct. per 100 gals, of water. Use 100 to 200 gals, of spray per scre.
	SPECIFIC DIRECTIONS: Make applicate appear or feeding is noticed. Higher as be necessary for thorough coverage with populations exist.	rzy vokznes mży
	make more than 6 applications per year. Do be, of active ingredient (i.e., 4 qts.) per ac	
Walnuts (Except CA)	Weinst aphids	2 to 2% qts. per acre. Apph in a minimum o 100 gals. of water per acre.
	SPECFIC DIRECTIONS: Make applica	ations when insects

#### COMMERCIALLY GROWN ORNAMENTALS Ornamental-Plants

Crop	Pests	Rate of Application
Leatherleaf fem (Leather holy fem)	Leatherleaf fern borers	% qt. per 100 gala. (1% taps. per gal.)
(Except CA)	SPECIFIC DIRECTIONS: Begin treatment when first larvel feeding is observed in the midvein area at the base of the leaflets. Repeat of intervals of 2 to 3 weeks as necessary.	
after use in measurin	such as teaspoons must not be ig pesticides. Bo not exceed a ., 4 qts.) per acre per year.	
Omementals (Greenhouse and	Aphids, Cyclemen hites, Rose stafers, Whitefiles	% qt. per 100 gals. (1% tsps. per gal.)
Out-of-doors) (Including CA)	SPECIFIC DIRECTIONS: Ne insects appear or feeding is	
after use in measuring obtained if applied to "Fred Shoesmith", a	such as teaspoons must not be ng pesticides. On Chrysanthems refore plants flower. Do not appl nd "White Knight" Chrysanthem trees. Do not axceed a maximu. .) per acre per year.	ıms, best results will be y to "Bonnafd'ı Deluce", ums, as injury may result

Crop	Pests	Rate of Application
Dogwood, Lilac	Dogwood barers, Litac	% to 1% qts. per
Except CA)	borers	100 gais, (11/5 to
	]	2% tsps. per gal.)
	SPECIFIC DIRECTIONS: App	
	repeat in 10 to 14 days. Drend	
	to the ground level.	
	uch as teaspoons must not be u	
	pesticides. Do not exceed a m	eximum of 3 lbs. of
	4 qts.) per acre per year.	
Douglas fir (Grown or Omamentals,	Aphids, Cooley spruce gall	% at. per 100 gais.
or Omemericals, Nursery Stock or	adelgids, Douglas-fir needle midges	(1% tsps. per gal.)
Christmas Trees)	SPECIFIC DIRECTIONS: Mak	
Pacific Northwest	insects appear or feeding is the	
Only)	Gall adelgids, apply when whit	
including CA)	For control of Needle midges,	
	early May just before buds op-	en.
	uch as teaspoons must not be u	
ater use in measuring	pesticides. Do not exceed a m	naximum of 3 lbs. of
cove ingredient (i.e.,	4 qts.) per acre per year.	1
Pines (Austrian, Jack, Red.	Zimmermen pine moths	1 qt. per 100 gais.
Nuscian, Jack, Red, Scotch, White)		(2 taps. per gal.)
(Except CA)	SPECIFIC DIRECTIONS: App	Ny in mid-April and
(	again, if necessary, in late Fall. Thoroughly wet bank and main stem, especially where branches join main	
	stem.	oro Otelialisto John Hann
Note: Food utensils a	uch as teaspoons must not be i	used for food purposes
efter use in measuring	pesticides. Do not exceed a n	
active ingredient (i.e.,	pesticides. Do not exceed a ri 4 qts.) per acre per year.	
active ingredient (i.e., Shade trees (Except	pesticides. Do not exceed a ri 4 qts.) per acre per year.	nacimum of 3 lbs. of
active ingredient (i.e., Shade trees (Except Birch), Shrube	pesticides. Do not exceed a n 4 qts.) per sore per year. Aphids	% qt. per 100 gals. (1% tape, per gal.)
active ingredient (i.e., Shade trees (Except Birch), Shrube	pesticides. Do not exceed a n 4 qts.) per acre per year.  Aphida  SPECIFIC DIRECTIONS: Mai	% qt. per 100 gals. (1% taps. per gal.) ke applications when
active ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA)	posticides. Do not exceed a n 4 qts.) per acre per year. Aphida SPECIFIC DRECTIONS: Mai insects appear or feeding is n	% qt. per 100 gals. (1% tsps. per gal.) ke applications when votced.
scive ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA) Note: Food uterails a	posticides. Do not exceed a n 4 qts.) per acre per year.  Aphida  SPECIFIC DRECTIONS: Mai ireacts appear or feeding is n such as teaspoons must not be	% qt. per 100 gals. (1% taps. per gal.) ke applications when toticed.
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA) Note: Food utensils a after use in measuring	pesticides. Do not exceed a n 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mail insects appear or feeding is r such as teaspoons must not be to pesticides. Do not exceed a	% qt. per 100 gals. (1% taps. per gal.) ke applications when toticed.
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA) Note: Food uterails a effer use in measuring active ingredient (i.e.,	posticides. Do not exceed a n 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mainects appear or feeding is r such as teaspoons must not be 3 posticides. Do not exceed a n 4 qts.) per acre per year.	% qt. per 100 gals. (1% taps. per gal.) ke applications when voticed. unposes nanimum of 3 lbs. of
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (including CA) Note: Food utermils a after use in measuring active ingredient (i.e., Spruce	pesticides. Do not exceed a n 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mail insects appear or feeding is r such as teaspoons must not be to pesticides. Do not exceed a	% qt. per 100 gals. (1% taps. per gal.) ke applications when softed. used for food purposes nanimum of 3 lbs. of
scive ingredient (i.e., Shade trees (Except Birch), Shrubs (including CA)  Note: Food utersils a after use in measuring active ingredient (i.e., Spruce (New England	posticides. Do not exceed a n 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mai insects appear or feeding is r such as teaspoons must not be g posticides. Do not exceed a n 4 qts.) per acre per year.  Spruce gall aphids	% qt. per 100 gais. (1% taps. per gai.) ke applications when soliced. used for food purposes nanimum of 3 lbs. of  % qt. per 100 gais. (1% taps. per gai.)
scive ingredient (i.e., Shade trees (Except Birch), Shrubs (including CA)  Note: Food utersils a after use in measuring active ingredient (i.e., Spruce (New England	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphida  SPECIFIC DRECTIONS: Mainsects appear or feeding is r such as tesspoons must not be posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api	% qt. per 100 gala. (1% tapa. per gal.) ke applications when soticed. used for food purposes nabimum of 3 lbs. of % qt. per 100 gala. (1% tapa. per gal.) ply in late April or early
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (including CA) Note: Food utermils a after use in measuring active ingredient (i.e., Spruce	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is nuch as tesspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Apil May when Aphids are present	% qt. per 100 gala. (1% tape, per gal.) ke applications when solded. used for food purposee nabimum of 3 lbs. of % qt. per 100 gala. (1% taps, per gal.)
active ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA) Note: Food uterails a after use in measuring active ingredient (i.e., Spruce (New England Area Only)	posticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mailinects appear or feeding is n such as teaspoons must not be a posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DIRECTIONS: Api May when Aphids are present formed.	% qt. per 100 gals. (1% taps. per gal.) ke applications when soliced. used for food purposes natimum of 3 lbs. of % qt. per 100 gals. (1% taps. per gal.) ply in late April or early t but before gals are
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA)  Note: Food utermits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utermits is	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is r such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  such as teaspoons must not be	% qt. per 100 gais. (1% tsps. per gal.) ke applications when sotioed. weed for food purposes nationarm of 3 lbs. of % qt. per 100 gais. (1% tsps. per gal.) ply in late April or early t but before gails are used for food purposes
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA)  Note: Food utermils a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utermils a after use in measuring	posticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mainsects appear or feeding is reach as teespoons must not be a posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: App May when Aphids are present formed.  such as teespoons must not be a posticides. Do not exceed a m	% qt. per 100 gala. (1% tape. per gal.) ke applications when soliced. used for food purposes nationarm of 3 lbs. of % qt. per 100 gala. (1% tape. per gal.) ply in late April or early t but before galls are used for food purposes
sctive ingredient (i.e., Shade trees (Except Birch), Shrubs (Including CA)  Note: Food utermils a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utermils a after use in measuring	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is r such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  such as teaspoons must not be	% qt. per 100 gala. (1% tape, per gat.) ke applications when solded. used for food purposes nabimum of 3 lbs. of % qt. per 100 gala. (1% tape, per gat.) by in late April or early t but before galls are used for food purposes nabimum of 3 lbs. of
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (including CA)  Note: Food utensils a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utensils a after use in measuring active ingredient (i.e.,	posticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mainsects appear or feeding is n such as teespoons must not be posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed. such as teespoons must not be g pesticides. Do not exceed a m 4 qts.) per acre per year.	% qt. per 100 gala. (1% tape. per gal.) ke applications when soliced. used for food purposes nationarm of 3 lbs. of % qt. per 100 gala. (1% tape. per gal.) ply in late April or early t but before galls are used for food purposes
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	posticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mainsects appear or feeding is n such as teespoons must not be posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed. such as teespoons must not be g pesticides. Do not exceed a m 4 qts.) per acre per year.	% qt. per 100 gala. (1% tapa, per gal.) ke applications when soticed. used for food purposes nasimum of 3 lbs. of % qt. per 100 gala. (1% tapa, per gal.) ply in late April or early t but before gala are used for food purposes maximum of 3 lbs. of % qt. per 100 gala. (1% tapa, per gal.)
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is n such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Taxas bud mites  SPECIFIC DRECTIONS: Mail beginning in mid-May. Thorox	% qt. per 100 gais. (1% tape. per gat.) ke applications when soliced.  weed for food purposes naximum of 3 lbs. of  % qt. per 100 gais. (1% tape. per gat.) ply in late April or early tout before gails are used for food purposes naximum of 3 lbs. of  % qt. per 100 gais. (1% tape. per gat.) ske 3 to 5 applications
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	posticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DIRECTIONS: Mail insects appear or feeding is n such as teaspoons must not be a posticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DIRECTIONS: Api May when Aphids are present formed.  such as teaspoons must not be a posticides. Do not exceed a m 4 qts.) per acre per year.  Taxus but mites  SPECIFIC DIRECTIONS: Ma	% qt. per 100 gala. (1% tape, per gal.) ke applications when soliced. used for food purposee napimum of 3 lbs. of % qt. per 100 gala. (1% tape, per gal.) ply in late April or early t but before galls are used for food purposee maximum of 3 lbs. of % qt. per 100 gala. (1% tape, per gal.) kt 3 to 5 applications ghty apray follage, twig
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is n such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  such as teaspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Taxas bud mites  SPECIFIC DRECTIONS: Mail beginning in mid-May. Thorox	## A qt. per 100 gala.  1% qt. per 100 gala.  (1% tape. per gat.)  ke applications when soliced.  used for food purposes nabimum of 3 lbs. of  % qt. per 100 gala.  (1% tape. per gat.)  by in late April or early t but before galls are used for food purposes nabimum of 3 lbs. of  % qt. per 100 gala.  (1% tape. per gat.)  ike 3 to 5 applications ghly apray foliage, twig
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aprida  SPECIFIC DRECTIONS: Mainsects appear or feeding is n such as teespoons must not be pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aprids  SPECIFIC DRECTIONS: Ap May when Aprids are present formed.  such as teespoons must not be g pesticides. Do not exceed a m 4 qts.) per acre per year.  Taxus bud mites  SPECIFIC DRECTIONS: Ma beginning in mid-May. Thorox and bark.	% qt. per 100 gala. (1% tapa, per gat.) ke applications when soliced. used for food purposes naximum of 3 lbs. of % qt. per 100 gala. (1% tapa, per gat.) ply in late April or early t but before gala are used for food purposes naximum of 3 lbs. of % qt. per 100 gala. (1% tapa, per gat.) ike 3 to 5 applications
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mail insects appear or feeding is n such as tesspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  Buch as tesspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Taxus bud mites  SPECIFIC DRECTIONS: Mail beginning in mid-May, Thorox and bark.  Black vine weevils  SPECIFIC DRECTIONS: Sp	## qt. per 100 gala.  1% qt. per 100 gala.  (1% tapa. per gal.)  ke applications when soliced.  weed for food purposes napimum of 3 lbs. of  % qt. per 100 gala.  (1% tapa. per gal.)  ply in late April or early to but before gala are used for food purposes maximum of 3 lbs. of  % qt. per 100 gala.  (1% tapa. per gal.)  ike 3 to 5 applications gifty apray foliage, twig  1% qt. per 100 gala.  (2% tapa. per gal.)  rey thoroughly and
sctive ingredient (i.e., Shade trees (Except Birch), Shrube (Including CA)  Note: Food utersits a after use in measuring active ingredient (i.e., Spruce (New England Area Only)  Note: Food utersits after use in measuring active ingredient (i.e., Taxus in measuring active in measuring active in measuring active in measuring activ	pesticides. Do not exceed a m 4 qts.) per acre per year.  Aphids  SPECIFIC DRECTIONS: Mai insects appear or feeding is r such as tesspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Spruce gall aphids  SPECIFIC DRECTIONS: Api May when Aphids are present formed.  such as tesspoons must not be a pesticides. Do not exceed a m 4 qts.) per acre per year.  Taxus bud mites  SPECIFIC DRECTIONS: Mai beginning in mid-May. Thorox and berk.  Black vine weevils	## qt. per 100 gais. (1% taps. per gat.) ke applications when soliced.  weed for food purposes naximum of 3 lbs. of  % qt. per 100 gais. (1% taps. per gat.) ply in late April or early t but before gails are used for food purposes naximum of 3 lbs. of  % qt. per 100 gais. (1% taps. per gat.) ke 3 to 5 applications uptly apray follage, twig  1% qt. per 100 gais. (2% taps. per gat.) ray thoroughly and Apply when the Weeville

active ingredient (i.e., 4 qts.) per scre per year.

#### 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 put concentrate or diluted 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/Refiliable 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.



Organochlorine pesticide, liquid, toxic, flammable, n.c.s., (Endosulfan/Xylene), 6.1, UN-2995, PG-III, Marine Poliutant, RQ 1 Lb.

Add this DOT on DRUMS & BULK packaging. Not required on 4x1 & 2x2½ gal. case labels.

#### CALIFORNIA SUPPLEMENTAL LABEL

Procedures for reducing risks of contamination of aquatic ecosystems

FOR CROP 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 application of this product:

DIRECTIONS FOR USE IN CA (General)
IN ADDITION TO SPECIFIC INSTRUCTIONS UNDER \*DIRECTIONS FOR USE" ON THE PRINCIPAL LABEL, THE FOLLOWING CONDITIONS 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 estuaries.

#### FOR DRIFT CONTROL

- 1. All application equipment should be properly maintained and calibrated using appropriate carriers.
- 2. Do not make serial or ground applications during temperature inversions.
- 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 nozzies 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.
- 5. For serial 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. Averalt 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.
- 8. 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 Ye 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 % inch in diameter. A number 46 or equivalent whirtplate may be used.
- 11. For ground applications, equipment other than handguns shall be equipped with nozzles having an orifice not less than 1% 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 feet long

#### **UNACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT**

- 1. 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, estuanes 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).
- 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.