

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Christie Hitchcock Registration Specialist Makhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd., Suite 300 Raleigh, NC 27609

JUL 16 2008

Subject: Notification(s) for Label Revisions under PRN 98-10 and PRN 2007-4

Dear Ms. Hitchcock:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 dated, June 2, 2008 and June 20, 2008 for:

EPA Registration 66222-63

Thionex 3EC Insecticide

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on <u>nonrefillable</u> containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

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Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P) Office of Pesticide Programs

Resso reed instructions of	U Environmental	nited States	on Agency		OMB No. 20 Registrat Amendm Other	ion	1		ires 2-28-5 Number
		Application	on for Pesticide - Se	ection I					
1. Company/Product Num 66222-63	ber		2. EPA Product N Linda Arringto	•		3 Pr	oposed C		stion Restricted
4. Company/Product (Nar Thionex 3EC Insection			PM# Registration S	upport B	ranch		J	رت	
4515 Falls of Neus Raleigh, NC 27609	of North America, In e Rd., Suite 300		6. Expedited F (b)(i), my produ to: EPA Reg. No	ct is simil	ar or identic	ÖTIFI		on and ON	
	· · · · · · · · · · · · · · · · · · ·		Section - II						
Notification - Expl. Explanation: Use addit Notification per PRN 98-1 and no other changes have Sec 1001 to willfully maken sec 1001 to willf	tional page(s) if necessare 0 & 2007-4: This notificative been made to the labeling e false statements to EPA	y (For section is consistent of the conficulty o	Other -	this product not consist	ow. 2007-4 and fit independent with the te	that it is irms of P	a violation	on of 18 98-10 &	U.S.C. 2007-4
			Section - III						
1. Material Thie Product Child-Resistant Packaging Yes V No Certification must be submitted	Unit Packaging Yes No	No. per container	Water Soluble Packaging Yes ✓ No If "Yes" No. p Package wgt conta	per	2 Type of C	Metal Plastic Glass Paper	Specify)_		
3. Location of Net Conter	nts Information		tail Container I or less; 5 gal or more	5. Loc	on label	al Directi	ons		
6. Manner in Which Labe	is Affixed to Product	Lithog Paper Steno	greph	ther Se	lf-adhesive				
			Section - IV						
1. Contact Point (Compl	ete items directly below f	or identification	on of individual to be contact	led, if nece	ssary, to pro	cess this	applicat	ion.)	
Name Christie Hitchcock			Title Registration Specialist		- 1	7 elepho n 919-256		ciude A	rea Code)
	any knowlinglly false or		ation I all attachments thereto are atement may be punishable t				6. Date Rece		
2 Signature Chuitúl	Witchwich		3. Title Registration Specialist						
4 Typed Name Christie Hitchcock			5 Date 06-20-08						



June 2, 2008

Document Processing Desk (NOTIF) Registration Division (7504P) OPP, USEPA Ariel Rios Building 1200 Pennsylvania Ave, NW Washington DC 20460

Re:

Thionex 3EC 66222-63

Notification per PRN 98-10 and 2007-4

To Whom It May Concern:

We are notifying the Agency of several label updates as allowed in PR Notices 98-10 and 2007-4. The changes are summarized below:

- Added a voluntary marketing statement about use of an adjuvant (allowed per PRN 98-10, §II(N)(3))
- Updated the Warranty Statement that is now consistent with EPA's guidance document dated 10-17-06) (allowed per PRN 98-10 §II(J))
- Updated container disposal instructions per PRN 2007-4

In support of this submission, the following documents are attached:

- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of final printed labeling

ruitie Hitchrock

Please contact me at 919-256-9342 or by email at chitchcock@manainc.com if you have any questions regarding this submission or would like a copy of the annotated label showing the changes for your files.

Sincerely,

Christie Hitchcock

Registration Specialist

Enclosures

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Please read instructions on	reverse before comple	ting form.		Form Approve	od. OMB No. 20	70-006	O. Approval expires 2-28-9
\$EPA	Environmenta	United States I Protect ington, DC 20	ion Agency	✓	Registrati Amendm Other	ion	OPP Identifier Number
		Applicati	on for Pesticid	e - Section	1 Í		
1. Company/Product Numbe 66222-63	f		ľ	roduct Manager Arrington		3. Pro	posed Classification
4. Company/Product (Name) Thionex 3EC Insecticid			PM#13 Registr	ation Support	Branch		Nestricted
5. Name and Address of Ap Makhteshim Agan of 4515 Falls of Neuse I Raleigh, NC 27609	North America, I		(b)(i), m to: EPA R	y product is sir		al in co	FIFRA Section 3(c)(3) mposition and labeling
			Section - II				
Resubmission in respondent - Explain Resubmission in respondent - Explain Explanation: Use addition Notification per PRN 98-10 & and no other changes have to Sec. 1001 to willfully make fa and 40 CFR 152.46, this prod	below. nal page(s) if necessar 2007-4: This notification made to the labelialse statements to EPA.	y. (For section on is consisted in gor the conficult of t	on I and Section II.) Int with the provisions of dential statement of for	Agency letter da "Me Too" Applie Other - Explain to f PR Notice 98-10 mula of this producation is not cons	cation. Delow. 0 & 2007-4 and Eluct. I understand istent with the ter	PA regul that it is ms of PF	a violation of 18 U.S.C. R Notice 98-10 & 2007-4
1 Massist This Product Will	Re Deskared In	·	Section - III				
1. Material This Product Will Child-Resistant Packaging Yes No Certification must be submitted	Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per container	Water Soluble Pa Yes No If "Yes" Package wgt	ckaging No. per container		Metal Plastic Glass Paper	pecify) <u></u>
3. Location of Net Contents	Information ontainer	4. Size(s) Re	etail Container	5. L	ocation of Label on label	Directio	0 0 0 0 0 0 0 0 0 0
6. Manner in Which Label is		Lithor Paper	graph r glued ciled	Other			0 0 0 0 0 0 0 0
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1. Contact Point (Complete	items directly below f	or identificati			cessary, to proce	ss this	application.)
Name Christie Hitchcock			Title Registration Speci	alist		19-256-9	Ne. (Include Area Code) 342 ີ ເປັນ ຄົນ
I certify that the stater I acknowledge that and both under applicable I	y knowlinglly false or	Certification this form and misleading sta	i all attachments ther	eto are true, acc hable by fine or	curate and compl imprisonment o	ete.	6. Date Application Received (Stamped)
2. Signature Christie Att	heork		3. Title Registration Speciali	st			
4. Typed Name Christie Hitchcock			5. Date 06-2	0-08			

RESTRICTED USE PESTICIDE

Due to acute toxicity to humans, aquatic organisms, and avian species. For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicators certification.

THIONEX® 3EC

INSECTICIDE

For Agricultural or Commercial Use Only

TOTAL 100.0%

*Contains Xylene Range Aromatic Solvent. Contains 3 pounds of endosulfan per gallon.

DANGER-POISON PELIGRO

EPA Reg. No. 66222-63

Manufactured for:

Makhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd., Suite 300 Raleigh, NC 27609

NET CONTENTS: 2.5 GALLONS

SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONARY INFORMATION.

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.)

	FIRST AID	
IF	Immediately call a poison control center or doctor.	
SWALLOWED:	Do not induce vomiting unless told to so by a poison control center or doctor.	
	Do not give any liquid to the person.	
	Do not give anything by mouth to an unconscious or convulsing person.	
IF ON SKIN OR	Take off contaminated clothing.	
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.	6060
	Call a poison control center or doctor for treatment advice.	
IF IN EYES:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. 	tric to to
,	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing	ng eye.ບໍ່ໄດ້ບັນ
	Call a poison control center or doctor for treatment advice.	
IF INHALED:	Move person to fresh air.	Ų (-
	If person is not breathing, call 911 or an ambulance, then give artificial respirate.	ion, preferably mouth-
	to-mouth if possible.	6 60
	Call a poison control center or doctor for further treatment advice.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.

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

NOTIFICATION

JUL 16 2008

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Fatal if swallowed or absorbed through skin. Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Do not contaminate food or feed. Keep out of reach of domestic animals. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are barrier laminate or Viton. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

All handlers except those using engineering controls must wear:

 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 prefix TC-14G), or a NIOSH approved respirator with an (OV) cartridge or canister with any R, P, or HE prefilter.

IN ADDITION:

All mixers and loaders who are not using engineering controls (see engineering control requirements below), handlers supporting or using high pressure handwand equipment, and flaggers must wear:

- Coveralls over long sleeved shirt and long pants
- · Chemical-resistant footwear plus socks
- Chemical-resistant gloves (except for flagging)
- · Goggles or face shield
- Chemical-resistant headgear when exposed overhead
- Chemical-resistant apron when mixing and loading

All other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Goggles or face shield
- · Chemical-resistant gloves except for applicators using enclosed cabs or cockpits
- · Chemical-resistant headgear when exposed overhead
- Chemical-resistant apron when applying dips, cleaning up spills, or cleaning/repairing equipment
- A respirator of the type specified above for all handlers except for those using engineering controls.

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

ENGINEERING CONTROL STATEMENT

Mixers and loaders supporting aerial applications at the rate of more than 1.5 lbs/a.i. per acre or supporting applications to cotton must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4)] for dermal and inhalation protection, and must:

- wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and chemical resistant apron, and -wear protective eyewear (face shield or goggles), if the system operates under pressure, and
- -be provided and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown: coveralls, chemical resistant gloves, chemical resistant footwear, and the type of respirator specified in the PPE section.

Applicators using airblast equipment on all crops except ornamental trees and shrubs must use an enclosed cab that meets the definition of the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition such applicators must:

- -wear the personal protective equipment required in the PPE section of this labeling,
- -either wear the type of respirator specified in the PPE section of this labeling or use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the type of respirator specified in the PPE section of this labeling.
- -be provided and must have immediately available for use in an emergency when they must exit the cab in the treated are: coveralls, chemical-resistant gloves, chemical resistant footwear, chemical-resistant headgear, if overhead exposure, and if using an enclosed cab that provides respiratory protection, a respirator of the type specified in the PPE section of this labeling,
- -take off any PPE that was worn in the treated area before reentering the cab, and
- -store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

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

USER SAFETY RECOMMENDATIONS

Users should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing / PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 extremely toxic to fish and aquatic invertebrates and toxic to birds and mammals. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. See spray drift management instructions under "Directions for Use." Do not contaminate water when disposing of equipment wash waters or rinsate. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency before applying this product. Apply this product only as specified on this label.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE. 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, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Protective eyewear
- Shoes plus socks

Notify workers of the application by warning them orally and by posting warning signs at the entrances to treated areas.

This product may be used in California by following the specific crop directions and the SUPPLEMENTAL LABEL found at the end of this label.

GENERAL INSTRUCTIONS

Not for use or storage in or around residential sites, including homes, non-agricultural outbuildings, non-commercial greenhouses, pleasure boats, recreational vehicles, preschools, day care centers, and applications to humans and pets.

Do not use in undiluted form.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

Apply the listed amount per acre when insects first appear and repeat as required, unless otherwise noted, to maintain effective control. Use in sufficient water for thorough coverage of listed crops unless otherwise noted. Coverage of upper and lower leaf surfaces is essential for good control. For ground application, apply recommended amount of pesticide in a minimum of 10 gallons of water per acre on vegetable or row crops unless otherwise noted. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides.

Mixing Instructions

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 Thionex Endosulfan 3EC Insecticide used.

Do not plant root crops other than carrots, potatoes, sweet potatoes, and sugar beets as follow-up crops.

Spraying Instructions

Do not use high pressure hand wand equipment except for bark treatment or tobacco drench. If using high pressure hand wand equipment or Right-of-Way sprayers, reduce the maximum rate of application to 0.005 lb. active ingredient (0.2 fl. oz. of this product) per gallon.

Requirements for Reducing Spray Drift

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. A 30 ft. vegetative buffer strip must be maintained between all areas treated with this product and rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds.

For ground boom applications, do not apply within 100 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds. Apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

For airblast applications, do not apply within 100 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Direct spray above trees / vines and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3-10 mph at the application site as measured by an anemometer outside of the site on the upwind site.

For aerial applications, do not apply within 300 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds. The boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3 – 10 mph as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

The applicator also must use all other measures necessary to control drift.

CHEMIGATION STATEMENT

CHEMIGATION USE INSTRUCTIONS - POTATOES ONLY (Not Registered for Use in CA)

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 the Chemigation Application Instructions are followed.

APPLICATION THROUGH IRRIGATION SYSTEMS - CHEMIGATION

For overhead chemigation, do not apply within 100 feet of rivers, natural ponds, lakes, steams, reservoirs, marshes, estuaries, and commercial fish ponds. Apply only when wind speed is 10 mph or less.

Apply this product only through sprinkler, including center pivot, lateral move, end tow side (wheel) roll, traveler, big 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 nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its 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 noninjurious 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 stage 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: Makhteshim-Agan of North America 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 electing to make such a connection.

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of a 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 pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

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

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

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

SPRINKLER CHEMIGATION (FOLIAR SPRAY USES)

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

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

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

PREHARVEST INTERVAL

Observe days interval between last application and harvest indicated by number in () following the crop.

CROP	INSECTS CONTROLLED	RATE OF APPLICATION	METHOD OF APPLICATION
APPLES (21) (Except California)	Aphids (including Apple Aphid, Rosy Apple Aphid, Woolly Apple Aphid), Apple Rust Mite, Green Fruitworm, Tarnished Plant Bug, Tentiform Leafminer, White Apple Leafhopper (first generation) Do not feed pomace from treate	2/3 qt./100 gals. or a maximum of 3 1/3 qts. per acre	Applications made at pink and/or petal fall provide best control of Tarnished Plant Bug and Green Fruitworm. For best control of first generation White Apple Leafhopper, apply when nymphs first appear on leaves. If necessary, prior to petal fall, use 1 qt. per 100 gals. to control Apple Aphid and Rosy Apple Aphid. For control of Tentiform Leafminer, make first application as soon as moth flights begin. A second application should be made 10 days later.
	 Do not feed cull fruits to animal Do not make more than 2 appli Do not make more than 3 appli Do not exceed a maximum of 2 Exception for airblast application apple orchards, applicators are resistant headgear AND maxim 	s or allow livestock to greations during the fruiting cations per season. 5 lbs. active ingredient on to apples: when applic permitted to use open-coum PPE clothing (i.e., lints, chemical resistant of a closed mixing/loading.	g period. (i.e., 3 1/3 qts. of product) per acre per season. cation using enclosed-cab airblast equipment is not feasible in cab airblast equipment PROVIDED they are wearing chemical baseline clothing plus organic vapor respirator, coveralls over gloves, chemical resistant shoes plus socks; and goggles or
APPLES (30) (California only)	Aphids (including Apple Aphid, Rosy Apple Aphid, Woolly Apple Aphid), Apple Rust Mite, White Apple Leafhopper (first generation)	2/3 qt. per 100 gals. or a maxi-mum of 3 1/3 qts. per acre	For best control of first generation White Apple Leafhopper, apply when nymphs first appear on leaves. If necessary, prior to petal fall, use 1 qt. per 100 gals. to control Apple Aphid and Rosy Apple Aphid.

	Do not feed pomace from treate	ed apples to livestock.					
	Do not feed cull fruits to animal	ls or allow livestock to gr	raze in treated orchards.				
	Do not make more than 2 appli-	cations per season.	•				
	 Do not exceed a maximum of 2.5 lbs. active ingredient (i.e., 3 1/3 qts. of product) per acre per season. Exception for airblast application to apples: when application using enclosed-cab airblast equipment is not feasible in 						
		apple orchards, applicators are permitted to use open-cab airblast equipment PROVIDED they are wearing chemical					
			baseline clothing plus organic vapor respirator, coveralls over				
			gloves, chemical resistant shoes plus socks; and goggles or				
	face shield).						
	For aerial application, the use of the second	of a closed mixing/loadin	g system is required.				
	 Restricted-Entry Interval (REI) i 	is 2 days.					
APRICOTS,	Peachtree Borer, Lesser	1 qt./ 100 gals. or 2	Pacific Northwest: Use 2/3-1 qt. per 100 gals.; Southeastern				
NECTARINES,	Peachtree Borer	2/3 - 3 1/3 qts. per	States: Use 2 to 3 1/3 qts. per 100 gals. Best control is				
PEACHES (21)		acre .	obtained with a single application post-harvest after the				
(Except	•	<u> </u>	leaves have dropped. Spray all bark areas from ground				
California)		<u> </u>	level to lower scaffold limbs.				
	Do not feed cull fruits to animal		aze in treated orchards.				
	Do not make more than 2 applies	•					
			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the use						
	For aerial application, the use of the second	•	g system is required.				
	Restricted-Entry Interval (REI) i						
APRICOTS,	Aphids (including Black Cherry	2/3 qt./ 100 gals or a	Make applications when insects appear or feeding is				
NECTARINES,	Aphid, Black Peach Aphid, Green	maximum of 3 1/3	noticed.				
PEACHES (30)	Peach Aphid, Rusty Plum Aphid), Catfacing Insects (Stink Bug type),	qts. per acre					
(Except	Green Fruitworm, Peach Silver	'					
California)	Mite, Peach Twig Borer	,	·				
	Do not feed cull fruits to animal:	s nor allow livestock to c	praze in treated orchards				
	Do not make more than 2 applies	-	, allo in final of oronards.				
			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the use						
•	For aerial application, the use of						
	Restricted-Entry Interval (REI) i		3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -				
APRICOTS.	Aphids (including Black Cherry	2/3 qt./ 100 gals. or	Make applications when insects appear or feeding is				
NECTARINES,	Aphid, Black Peach Aphid, Green	a maximum of 3 1/3	noticed.				
PEACHES (30)	Peach Aphid, Rusty Plum Aphid),	qts. per acre					
(California only)	Catfacing Insects (Stink Bug type),						
	Peach Silver Mite, Peach Twig						
•	Borer						
	Do not feed cull fruits to animals		aze in treated orchards.				
	Do not make more than 2 applies	•					
			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the use						
	For aerial application, the use of Participant Entry Interval (PET) in the property of th		g system is required.				
BEANS, DRY	Restricted-Entry Interval (REI) i. Black Bean Aphid, Bean Leaf	2/3 -1 1/3 gts. per	Make applications when insects appear or feeding is				
(3)	Skeletonizer, Cowpea Curculio,	acre	noticed. For control of Cowpea Curculio, make 3				
(Except	Cucumber Beetle, Flea Beetles,	2010	applications at 5-day intervals starting when the pods are				
California)	Green Stink Bug, Leafhopper,		1/2-inch long.				
Gamonna	Mexican Bean Beetle		· · · · · · · · · · · · · · · · · · ·				
	Aphid, Armyworm, Western Bean	1 1/3 qts. per acre					
	Cutworm, Whitefly						
	Do not feed treated threshings of	or allow livestock to graz	e in treated fields.				
	Do not make more than 2 applications	cations per season.					
	Do not exceed a maximum of 2	lbs. active ingredient (i.e.	e., 2 2/3 qts. of product) per acre per season.				
·	 Restricted-Entry Interval (REI) is 	s 2 days.					
BEANS, DRY	Black Bean Aphid, Bean Leaf	2/3 – 1 1/3 qts. per	Make applications when insects appear or feeding is				
(3) (California	Skeletonizer, Cucumber Beetle, Flea	acre	noticed.				
on i y)	Beetles, Green Stink Bug,						
	Leafhoppers, Mexican Bean Beetle	1.110	4				
	Aphids, Western Bean Cutworm,	1 1/3 qts. per acre	·				
	Whitefly	an allow live startification	o in trooted fields				
	Do not feed treated threshings of the part make more than 3 applies.		e in treated fields.				
	Do not make more than 2 applic Do not exceed a maximum of 2.		e., 2 2/3 qts. of product) per acre per season.				
	 Do not exceed a maximum of 2 Restricted-Entry Interval (REI) is 	. •	5., 2 2/3 4/5. Of product) per acre per season.				
BLUEBERRIES	Blueberry Bud Mite	2 qts. per acre in	Apply immediately after harvest and repeat 6 to 8 weeks				
PEDEDEIMIED	Discouring Data Mills	300 gals	later.				
							

(Except	 Do not apply after buds are well 								
California)	 Do not make more than 2 applications per season. Do not exceed a maximum of 1.5 lbs. active ingredient (i.e., 2 qts. of product) per acre per season. For aerial application, the use of a closed mixing/loading system is required. 								
	Restricted-Entry Interval (REI) is		system is required.						
BROCCOLI (7),	Cabbage Aphid, Cabbage Looper,	1 – 1 1/3 gts. per	Make applications	when in	sects	appear	or	feeding	ı
BRUSSELS	Cross-striped Cabbageworm,	acre	noticed.						
SPROUTS (14),	Diamondback Moth Larvae, Flea								
CABBAGE (7), .	Beetle, Harlequin Bug, Imported								
CAULI-	Cabbageworm, Leafhoppers, Stink Bugs								
FLOWER (14) (Except California)	Armyworm, Cutworm, Whitefly	1 1/3 qts. per acre	Make applications noticed.	when in	sects	appear	or	feeding	i
,	Do not make more than 2 applic	ations per season.	,						
	Do not exceed a maximum of 2	- .	., 2 2/3 qts. of produc	t) per acre	e per se	eason.			
7777	Restricted-Entry Interval (REI) is		Males assisses					f!'	
BROCCOLI (7), BRUSSELS	Cabbage Aphid, Cabbage Looper, Cross-striped Cabbageworm,	1 – 1 1/3 qts. per acre	Make applications noticed.	when in	isects	appear	or	reeaing	
SPROUTS (14),	Diamondback Moth Larvae, Flea	acie	noticed.						
CABBAGE (7),	Beetles, Harlequin Bug, Imported								
CAULI-	Cabbageworm, Stink Bugs	<u> </u>		•					
FLOWER	Armyworms, Cutworms, Whitefly	1 1/3 qts. per acre	<u> </u>						
(14) (California	Do not make more than 2 applic			4)					
only)	 Do not exceed a maximum of 2 Restricted-Entry Interval (REI) is 		., 2 2/3 qts. of produc	t) per acre	e per se	eason.			
CARROTS (7)	Green Peach Aphid, Leafhopper	2/3 – 1 1/3 qts. per	Make application	when in	sects a	annear	or	feeding	i
(Except	l Creen Cach Aprila, Ecamopper	acre	noticed.	***************************************		аррои	01	locumg	
California)	Armyworm, Flea Beetle, Whitefly	1 1/3 qts. per acre							
	Do not use tops for food or feed.						•		
	Do not make more than one app								
	Do not exceed a maximum of 1		, 1 1/3 qts. of product	per acre	per sea	son.			
CARROTE (7)	Restricted-Entry Interval (REI) is Green Peach Aphid	2 days. 2/3 – 1 1/3 qts. per	Make application	when in	sects o	annear	or	fooding	_
CARROTS (7)	Gleen reach Aprild	2/3 - 1/3 Uts. pc	I Make application	AALICH HIS		shhcai	U	recurry	
	·	1					-	_	•
	Flea Beetles, Whitefly	acre 1 1/3 qts. per acre	noticed.						•
(California only)	Flea Beetles, Whitefly Do not use tops for food or feed.	acre 1 1/3 qts. per acre							
	Do not use tops for food or feed. Do not make more than one app	acre 1 1/3 qts. per acre	noticed.						
	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1.	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e.,	noticed.						
(California only)	Do not use tops for food or feed Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is	acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e., 2 days.	noticed.) per acre	per sea	ason.		Fdi	
(California only)	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 - 1 1/3 qts. per	noticed.) per acre	per sea	ason.		feeding	
	Do not use tops for food or feed Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is	acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e., 2 days.	noticed. 1 1/3 qts. of product) per acre	per sea	ason.		feeding	
(California only) CELERY (4) (Except	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre	noticed. 1 1/3 qts. of product) per acre	per sea	ason.		feeding	
(California only) CELERY (4) (Except	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1	acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e.,	noticed. 1 1/3 qts. of product Make application noticed.) per acre	per sea	ason. appear		feeding	
(California only) CELERY (4) (Except California)	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is	acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre dication per season. b. active ingredient (i.e., 2 days.	noticed. 1 1/3 qts. of product Make application noticed. 1 1/3 qts. of product	per acre when ins	per sea	ason. appear ason.	or		i:
CELERY (4) (Except California)	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3-1 1/3 qts. per	noticed. 1 1/3 qts. of product Make application noticed. 1 1/3 qts. of product Make application	per acre when ins	per sea	ason. appear ason.	or		is
(California only) CELERY (4) (Except	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3-1 1/3 qts. per acre	noticed. 1 1/3 qts. of product Make application noticed. 1 1/3 qts. of product	per acre when ins	per sea	ason. appear ason.	or		is
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CELERY (4) (Except California) CELERY (4) (California only) CELERY (7) (Except	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper Flea Beetles, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not make more than 2 applic Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not make more than 2 applic Do not exceed a maximum of 1 Restricted-Entry Interval (REI) of Peachtree Borer, Lesser Peachtree Borer Black Cherry Aphid, Green Fruitworm, Plum Rust (Nursery) Mite	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3-1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 qt. per acre ations per season. b. active ingredient (i.e., 2 days. 2/3 qts. per acre ations per season. b. active ingredient (i.e., 2 days. 1 qt./100 gals. or 2 2/3 – 3 1/3 qts. per acre, Pacific Northwest: 2/3 -1 qt./100 gals. 2/3 qt. per 100 gals. 2/3 qt. per 100 gals.	noticed. 1 1/3 qts. of product, Make application noticed. 1 1/3 qts. of product, Make application noticed. 1 1/3 qts. of product, Make applications noticed. Make applications noticed. Make applications noticed.	per acre when ins per acre when ins per acre when in per acre when in per acre when in when in when in when in	per sea per sea per sea per sea sects a per sea sects a per sea th a sii ve drop wer scat sects a	ason. appear ason. appear ason. appear ason. appear ason. appear	or or or or or	feeding feeding ation po	is is
CELERY (4) (Except California) CELERY (4) (California only) CELERY (7) (Except California) CELERY (7) (Except California only) CHERRIES (21) (Except	Do not use tops for food or feed. Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper, Leafhoppers Armyworm, Flea Beetle, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid, Cabbage Looper Flea Beetles, Whitefly Do not make more than one app Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not exceed a maximum of 1 Restricted-Entry Interval (REI) is Green Peach Aphid Do not make more than 2 applic Do not exceed a maximum of 1 Restricted-Entry Interval (REI) of Peachtree Borer, Lesser Peachtree Borer Black Cherry Aphid, Green Fruitworm, Plum Rust (Nursery)	acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3-1 1/3 qts. per acre 1 1/3 qts. per acre 1 1/3 qts. per acre lication per season. b. active ingredient (i.e., 2 days. 2/3 qt. per acre ations per season. b. active ingredient (i.e., 2 days. 2/3 qts. per acre ations per season. b. active ingredient (i.e., 2 days. 2/3 qts. per acre ations per season. b. active ingredient (i.e., 2 days. 1 qt./100 gals. or 2 2/3 – 3 1/3 qts. per acre, Pacific Northwest: 2/3 -1 qt./100 gals. 2/3 qt. per 100 gals. or 2 2/3 – 3 1/3 qts.	noticed. 1 1/3 qts. of product, Make application noticed. 1 1/3 qts. of product, Make application noticed. 1 1/3 qts. of product, Make applications noticed. 1 1/3 qts. of product, Make applications noticed. 1 1/3 qts. of product, Dest control is ob harvest after the lareas from ground in the second of th	per acre when ins per acre when ins per acre when in per acre	per sea sects a	ason. appear ason. appear ason. appear ason. appear ason. appear ason. appear	or or or or or	feeding feeding ation poay all ba	is is

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	Michigan Only:	1 1/3 qts. per 100	Apply in the delayed dormant period.				
	Mineola Moth	gals, not to exceed					
		3.33 qts. (2.5 lb a.i.)					
	per acre						
	Do not feed cull fruits to anima		aze in treated orchards.				
	Do not make more than 2 appli	•					
			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the us						
	For aerial application, the use of the second application and the second application are second as a second are second as a second application are second as a second are second are second as a second a		g system is required.				
	Restricted-Entry Interval (REI)						
CHERRIES	Black Cherry Aphid, Plum Rust	2/3 qt. per 100 gals.	Make applications when insects appear or feeding is noticed.				
(21) (California	(Nursery) Mite	or 2 2/3 – 3 1/3 qts.	Hoticea.				
only)	Do not feed cull fruits to anima		are in treated orchards				
	Do not make more than 2 appli		aze in treated orchards.				
	1	•	(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the us	•					
	For aerial application, the use of the second						
	Restricted-Entry Interval (REI)		g system is required.				
CITRUS (Non-	Citrus Aphid	2/3 gt. per 100 gals.	Make applications when insects appear or feeding is				
bearing Trees	Old do 7 (pind	or a maximum of 3	noticed.				
and Nursery		1/3 qts. per acre					
Stock)	Do not apply to bearing trees or		within twelve months.				
(Except	Do not make more than 2 applier						
California)			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the us		• • • • • • • • • • • • • • • • • • • •				
	For aerial application, the use of the second						
	Restricted-Entry Interval (REI)		· · · · · · · · · · · · · · · · · · ·				
CITRUS (Non-	Citrus Aphid	2/3 qt. per 100 gals.	Make applications when insects appear or feeding is				
bearing Trees		or a maximum of 3	noticed.				
and Nursery		1/3 qts. per acre					
Stock)	Do not apply to bearing trees o	r trees that will bear fruit	within twelve months.				
(California only)	Do not make more than 2 appli		• • •				
			(i.e., 3 1/3 qts. of product) per acre per season.				
	For airblast applications the use						
	For aerial application, the use of		g system is required.				
	Restricted-Entry Interval (REI)		The state of the s				
COLLARDS	Aphid, Cabbage Looper,	1 - 1 1/3 qts. per	Make application when insects appear or feeding is noticed.				
(21)	Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin	acre					
(Except California)	Bug, Imported Cabbageworm,						
California)	Leafhoppers						
	Whitefly	1 1/3 gts. per acre					
	Do not make more than one ap						
			, 1 1/3 qts. of product) per acre per season.				
	Restricted-Entry Interval (REI)		in the que, or productly per delle per season.				
COLLARDS	Aphids, Cabbage Looper,	1 gt. per acre	Make application when insects appear or feeding is noticed.				
(21) (California	Diamondback Moth Larvae, Flea		The approximation where appear or rooting to rooting.				
only	Beetles, Harlequin Bug, Imported						
	Cabbageworm, Whitefly						
•	Do not make more than one ap	plication per season.					
	Do not exceed a maximum of 0	.75 lb. active ingredient ((i.e., 1 qt. of product) per acre per season.				
	 Restricted-Entry Interval (REI) i 	s 2 days.					
COTTON	Aphids	Ground	Make applications when insects appear or feeding is				
(For Use in AZ,		1/2 - 1 qt. per acre	noticed. For control of aphids, thorough coverage is				
NM, OK and TX	,	Air	important.				
only)		1 qt. per acre					
	Boll Weevil	Ground					
		2/3 - 2 qts. per acre	•				
	· .	Air 1 qt. per acre					
	Bollworm, Cabbage Looper,	Ground					
	Cotton Leafperforator, Cotton	1 1/3 - 2 gts. per					
	Leafworm, Fleahopper, Lygus	acre					
	Bugs, Stink Bugs, Tobacco	Air					
•	Budworm	1 qt. per acre					
	Thrips	Ground					
	T · · ·	ı . I					
		2 qts. per acre					
		2 qts. per acre Air 1 qt. per acre					

			_				
	Whitefly	Ground					
	•	1 1/3 qts. per acre					
	ì	Air					
		1 qt. per acre					
	Applications may be made using ground or aerial application equipment. The higher rate should be used under						
'	heavy pest pressure.						
	Do not make more than 2 appli	ications per season.					
	Do not apply after bolls open.		•				
	Do not graze meat or dairy anii	mals in treated fields.					
	For aerial application, the use of the second	of a closed mixing/loadin	g system is required.				
	Do not exceed a maximum of 2	2 lbs. active ingredient (i	.e., 2 2/3 qts. of product) per acre per season.				
	Restricted-Entry Interval (REI)	is 2 days.					
	Only mechanical harvesting is	permitted. Hand thinning	/pruning is prohibited.				
COTTON	Aphids	Ground	Make applications when insects appear or feeding is				
(California only)		1/2 - 1 qt. per acre	noticed. For control of aphids, thorough coverage is				
		Air	important.				
		1 qt. per acre					
	Bollworm, Cabbage Looper,	Ground					
	Cotton Leafperforator,	1 1/3 - 2 ats. per					
	Fleahoppers, Lygus Bugs, Stink	acre					
	Bugs	Air					
		1 qt. per acre	·				
	Thrips	Ground					
	1	2 qts. per acre					
	•	Air					
		1 qt. per acre	·				
	Whitefly	Ground					
		1 1/2 qts. per acre					
	1	Air					
`•		1 qt. per acre					
	 Applications may be made using 	ng ground or aerial applic	cation equipment. The higher rate should be used under				
	heavy pest pressure.						
	 Do not make more than 2 appli 	cations per season.					
	Do not apply after bolls open.	1					
	Do not graze meat or dairy anir	mals in treated fields.					
	For aerial application, the use of	of a closed mixing/loadin	g system is required.				
	Do not exceed a maximum of 2	lbs. active ingredient (i.	e., 2 2/3 qts. of product) per acre per season.				
	Restricted-Entry Interval (REI)	is 2 days.					
	Only mechanical harvesting is:	permitted. Hand thinning	/pruning is prohibited.				
CUCUMBERS	Aphids, Cucumber Beetle,	2/3 - 1 1/3 qts. per	Make applications when insects appear or feeding is				
(2), MELONS	Melonworm, Pickleworm,	acre	noticed. For squash vine borer control, apply weekly to				
(2), PUMPKINS	Rindworm (on watermelons),	}	flower buds, stems, and vines beginning when moths first				
(2) SUMMER	Squash Beetle, Squash Bug,		appear.				
and WINTER	Squash Vine Borer, Striped Flea	1					
SQUASH (2)	Beetle ·						
(Except	Cabbage Looper, Omnivorous	1 1/3 qts. per acre					
California)	Leafroller, Whitefly	l					
	Do not make more than 4 appli						
	Do not exceed a maximum of 2	lbs. active ingredient (i	.e., 2 2/3 qts. of product) per acre per season.				
	 Restricted-Entry Interval (REI) 	is 2 days.					
CUCUMBERS	Aphids, Cucumber Beetle,	2/3 - 1 1/3 qts. per	Make applications when insects appear or feeding is				
(2), MELONS	Melonworm, Pickleworm,	acre	noticed. For squash vine borer control, apply weekly to				
(2), PUMPKINS	Rindworm (on watermelons),		flower buds, stems and vines beginning when moths first				
(2), SUMMER	Squash Beetle, Squash Bug,	1	appear				
and WINTER	Squash Vine Borer, Striped Flea						
SQUASH (2)	Beetle	J					
(California only)	Cabbage Looper, Omnivorous	1 1/3 qts. per acre					
(1	Leafroller, Whitefly	<u></u>					
	Do not make more than 3 applications per season.						
			e., 2 2/3 qts. of product) per acre per season.				
	Restricted-Entry Interval (REI) i						
EGGPLANT (1)	Blister Beetle, Colorado Potato	1 1/3 qts. per acre	Make applications when insects appear or feeding is				
(Except	Beetle, Flea Beetle, Green Peach	4	noticed.				
California)	Aphid, Green Stink Bug						
···/	Whitefly						
	1						
	Do not make more than 2 appli	cations per season	<u> </u>				
		uauuno per seasun. The active ingredient (i.e.	., 1 1/3 qts. of product) per acre per season.				
			., i ino qua. di producci, per acre per acasoni.				
	Restricted-Entry Interval (REI) i	s ∠ uays.					

		, 					
EGGPLANT (1)	Blister Beetle, Colorado Potato	1 1/3 pts. per acre	Make application when insects appear or feeding is noticed				
(California only)	Beetle, Flea Beetles, Green Peach						
	Aphid, Green Stink Bug, Whitefly						
	 Do not make more than one application per season. Do not exceed a maximum of 0.5 lb. active ingredient (i.e., 1 1/3 pts. of product) per acre per season. 						
		_	i.e., 1 1/3 pts. of product) per acre per season.				
KALE (24)	Restricted-Entry Interval (REI) Cabbase Figs Booties Headers in		State andication when income and an and all the state of				
KALE (21)	Cabbage Flea Beetle, Harlequin	1 qt. per acre	Make application when insects appear or feeding is noticed				
(Except California)	Bug, Imported Cabbageworm		·				
Camornia							
	Do not make more than one ap-	polication per season.					
			(i.e., 1 qt. of product) per acre per season.				
	Restricted-Entry Interval (REI)	-	(v)				
KALE (21)	Cabbage Flea Beetle, Harlequin	1 gt. per acre	Make application when insects appear or feeding is noticed				
(California only)	Bug, Imported Cabbageworm		j i i i i i i i i i i i i i i i i i i i				
	Do not make more than one ap	polication per season.					
			(i.e., 1 qt. of product) per acre per season.				
	Restricted-Entry Interval (REI)	_	(, . 4 o. p				
LETTUCE (14)	Cabbage Looper, Diamondback	1 – 1 1/3 qts. per	Make applications when insects appear or feeding				
(Except	Moth Larvae, Green Peach Aphid,	acre	noticed.				
California)	Imported Cabbageworm,						
	Leafhoppers						
	Armyworms, Whitefly	1 1/3 qts. per acre					
			inning. Remove wrapper leaves at harvest.				
			than 2 applications per season.				
•	Do not feed crop refuse to lives		man 2 applications per scason.				
	,		e., 2 2/3 qts. of product) per acre per season.				
			e., 2 2/3 qts. of product) per acre per season.				
LETTUCE (14)	Restricted-Entry Interval (REI) i Cabbage Looper, Diamondback	1 – 1 1/3 qts. per	Make applications when inpacts appear or feeding				
		1 ' '	Make applications when insects appear or feeding insticed.				
(California only)	Moth Larvae, Green Peach Aphid,	acre	Houced.				
	Imported Cabbageworm,	}					
,	Leafhoppers	1 1/2 atc. per acre					
,	Leafhoppers Whitefly	1 1/3 qts. per acre					
,	Leafhoppers Whitefly On Head Lettuce: Do not excee	ed 2 applications after th	inning. Remove wrapper leaves at harvest.				
,	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu	ed 2 applications after thuce: Do not make more	inning. Remove wrapper leaves at harvest. than 2 applications per season.				
,	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives	ed 2 applications after th uce: Do not make more tock.	than 2 applications per season.				
,	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2	ed 2 applications after th uce: Do not make more tock. ! lbs. active ingredient (i.					
,	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) in	ed 2 applications after th uce: Do not make more tock. ! lbs. active ingredient (i. is 2 days.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i	ed 2 applications after the uce: Do not make more tock. I bs. active ingredient (i. is 2 days. 1 - 1 1/3 qts. per	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
MUSTARD GREENS (21)	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall	ed 2 applications after th uce: Do not make more tock. ! lbs. active ingredient (i. is 2 days.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
GREENS (21) (Except	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin	ed 2 applications after the uce: Do not make more tock. I bs. active ingredient (i. is 2 days. 1 - 1 1/3 qts. per	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
GREENS (21)	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm,	ed 2 applications after the uce: Do not make more tock. I bs. active ingredient (i. is 2 days. 1 - 1 1/3 qts. per	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
GREENS (21) (Except	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Leafhoppers	ed 2 applications after th uce: Do not make more tock. Ibs. active ingredient (i. is 2 days. 1 – 1 1/3 qts. per acre	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season.				
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GREENS (21) (Except California) MUSTARD GREENS (21) California only)	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettue Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Leafhoppers Whitefly Do not make more than one ap Do not exceed a maximum of 1 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetles, Harlequin Bug, Imported Cabbageworm, Whitefly Do not make more than one ap Do not exceed a maximum of 0 Restricted-Entry Interval (REI) i Green Fruitworm, Tarnished	ed 2 applications after the uce: Do not make more stock. Ibs. active ingredient (i. is 2 days. 1 – 1 1/3 qts. per acre acre 1 1/3 qts. per acre plication per season. Ib. active ingredient (i.e. is 2 days. 1 qt. per acre plication per season. 75 lb. active ingredient is 2 days. 2/3 qt. per 100 gals.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. 1 1/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. (i.e., 1 qt. of product) per acre per season.				
GREENS (21) (Except California) MUSTARD GREENS (21) California only)	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettu Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Leafhoppers Whitefly Do not make more than one ap Do not exceed a maximum of 1 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetles, Harlequin Bug, Imported Cabbageworm, Whitefly Do not make more than one ap Do not exceed a maximum of 0 Restricted-Entry Interval (REI) i	ed 2 applications after the uce: Do not make more stock. Ibs. active ingredient (i. is 2 days. 1 – 1 1/3 qts. per acre 1 1/3 qts. per acre plication per season. 1 qt. per acre plication per season. 75 lb. active ingredient s 2 days.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. 1 1/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. (i.e., 1 qt. of product) per acre per season.				
GREENS (21) (Except California) MUSTARD GREENS (21) (California only) PEARS (7) (Except	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettue Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Leafhoppers Whitefly Do not make more than one ap Do not exceed a maximum of 1 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetles, Harlequin Bug, Imported Cabbageworm, Whitefly Do not make more than one ap Do not exceed a maximum of 0 Restricted-Entry Interval (REI) i Green Fruitworm, Tarnished	ed 2 applications after the uce: Do not make more stock. Ibs. active ingredient (i. is 2 days. 1 – 1 1/3 qts. per acre acre 1 1/3 qts. per acre plication per season. Ib. active ingredient (i.e. is 2 days. 1 qt. per acre plication per season. 75 lb. active ingredient is 2 days. 2/3 qt. per 100 gals.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. 1 1/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. (i.e., 1 qt. of product) per acre per season. Make applications at white bud or petal fall when insects.				
GREENS (21) (Except California) MUSTARD GREENS (21) (California only) PEARS (7) (Except	Leafhoppers Whitefly On Head Lettuce: Do not excee On Leaf Lettuce and Head Lettue Do not feed crop refuse to lives Do not exceed a maximum of 2 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Leafhoppers Whitefly Do not make more than one ap Do not exceed a maximum of 1 Restricted-Entry Interval (REI) i Aphids, Cabbage Looper, Diamondback Moth Larvae, Fall Armyworm, Flea Beetles, Harlequin Bug, Imported Cabbageworm, Whitefly Do not make more than one ap Do not exceed a maximum of 0 Restricted-Entry Interval (REI) i Green Fruitworm, Tarnished	ed 2 applications after the uce: Do not make more stock. Ibs. active ingredient (i. is 2 days. 1 – 1 1/3 qts. per acre acre 1 1/3 qts. per acre plication per season. Ib. active ingredient (i.e. is 2 days. 1 qt. per acre plication per season. 75 lb. active ingredient is 2 days. 2/3 qt. per 100 gals. or 2 2/3 – 3 1/3 qts.	than 2 applications per season. e., 2 2/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. 1., 1 1/3 qts. of product) per acre per season. Make application when insects appear or feeding is noticed. Make applications at white bud or petal fall when insect appear or feeding is noticed. Apply in a minimum of 10 gals. of water for aerial.				
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	Pear Leaf Blister Mite	1/3 – 2/3 qt. per 100 gals. not to exceed 3.3 qts. (2.5 lbs. a.i.) per	Apply to trees as a post-harvest or dormant treatment.			
	acre Do not feed cull fruits to animals or allow livestock to graze in treated orchards.					
	For airblast applications the us ID only): when application usi permitted to use open-cab a maximum PPE clothing (i.e., long pants, chemical resistant For aerial application, the use Restricted-Entry Interval (REI)	2.5 lbs. active ingredient se of a closed cab is req ing enclosed-cab airblas irblast equipment PRO baseline clothing plus o gloves, chemical resista of a closed mixing/loadir is 2 days.	(i.e., 3 1/3 qts. of product) per acre per season. uired. Exception for airblast application to pears (OR, WA, and st equipment is not feasible in pear orchards, applicators are VIDED they are wearing chemical resistant headgear AND rganic vapor respirator, coveralls over long sleeved shirt and nt shoes plus socks; and goggles or face shield). rg system is required. ontrol and should only be employed if impossible to apply by			
PEARS (7) (California only)	ground. Pear Psylla	3 1/3 qts. per acre	Apply in a minimum of 10 gals. of water for aerial application or in 300 gals. of water for dilute application. Apply when adults are first observed or nymphs are small and repeat to maintain control.			
	Pear Rust Mite, Consperse Stink Bug (foliar treatment)	2/3 qt. per 100 gals. or 2 2/3 – 3 1/3 qts. per acre	Make applications when insects appear or feeding is noticed. Stink bugs must be wet by spray to obtain control.			
	Consperse Stink Bug (soil treatment)	2/3 qt. per 100 gals.; 200 – 400 gals. per acre	Apply to orchard floor and around trees prior to bloom.			
	Pear Leaf Blister Mite	1/3 – 2/3 qt. per 100 gals. not to exceed 3.3 qts. (2.5 lbs. a.i.) per acre	Apply to trees as a post-harvest or dormant treatment.			
	For airblast applications the us For aerial application, the use of the Restricted-Entry Interval (REI)	e of a closed cab is requor of a closed mixing/loadin is 2 days.				
PEPPERS (4) (Except California)	Armyworms, Flea Beetles, Green Peach Aphid, Hornworm, Leafhoppers, Pepper Maggot	2/3 – 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.			
	Whitefly Do not make more than 2 appl Do not exceed a maximum of 2 Restricted-Entry Interval (REI)	lbs. active ingredient (i.	e., 2 2/3 qts. of product) per acre per season.			
PEPPERS (4) (California only)	Flea Beetles, Green Peach Aphid, Hornworms, Pepper Maggot Whitefly	2/3 – 1 1/3 qts. per acre 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.			
,	Do not make more than 2 appli	ications per season. 2 lbs. active ingredient (i.	e., 2 2/3 qts. of product) per acre per season.			
PINEAPPLE (For Fresh Market Only)	Pineapple Fruit Mite	2 – 2 2/3 qts. per acre	Make applications when insects appear or feeding is noticed. Apply at intervals of 7 to 10 days if necessary, particularly during the 40-day period of blooming.			
(7) (Except California)	For aerial application, the use of	ications per season. 2.5 lbs. active ingredient of a closed mixing/loadin	(i.e., 3 1/3 qts. of product) per acre per season.			
PINEAPPLE (For Fresh Market Only)	Restricted-Entry Interval (REI) Pineapple Fruit Mite	2 – 2 2/3 qts. per acre	Make applications when insects appear or feeding is noticed. Apply at intervals of 7 to 10 days if necessary, particularly during the 40-day period of blooming.			
(7) (California only)	Do not feed treated forage or p Do not make more than 2 appli Do not exceed a maximum of 2 For aerial application, the use of Restricted-Entry Interval (REI)	cations per season. 2.5 lbs. active ingredient of a closed mixing/loadin	livestock. (i.e., 3 1/3 qts. of product) per acre per season.			
PLUMS (7), PRUNES (7)	Fruittree Leafroller (Pacific Northwest Only)	2/3 qt. per 100 gals. or 2 2/3 – 3 1/3 qts. per acre	Apply during pre-pink stage of growth when insects appear or feeding is noticed.			

(Except	Aphids (including Hop Aphid,		For control of aphids, apply when eggs hatch during pre-
California)	Leafcurl Plum Aphid, Thistle Aphid), Plum Rust (Nursery) Mite		bloom or petal fall. Summer applications should be made before leaves curl.
	Peach Twig Borer	2/3 qt. per 100 gals. or 2 2/3 – 3 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.
	Lesser Peachtree Borer, Peachtree Borer	1 qt. per 100 gals. or 2 2/3 – 3 1/3 qts. per acre	Pacific Northwest: 2/3 - 1 qt. per 100 gals, or 2 2/3 - 3 1/3 qts. per acre. Best control is obtained with a single application post-harvest after the leaves have dropped. Spray all bark areas from ground level to lower scaffold limbs.
	Do not allow livestock to graze or		or grasses in treated areas.
	 Do not make more than 2 applic Do not exceed a maximum of 2 For airblast applications the use 	5 lbs. active ingredient ((i.e., 3 1/3 qts. of product) per acre per season. ired.
	 For aerial application, the use of Restricted-Entry Interval (REI) is 		g system is required.
PLUMS (7), PRUNES (7)	Aphids (including Hop Aphid, Leafcurl Plum Aphid, Thistle Aphid),	2/3 qt. per 100 gals. or 2 2/3 – 3	For control of aphids, apply when eggs hatch during pre- bloom or petal fall. Summer applications should be made
(California only)	Plum Rust (Nursery) Mite Peach Twig Borer	1/3 qts. per acre 2/3 qt. per 100 gals. or 2 2/3 – 3	before leaves curl. Make applications when insects appear or feeding is noticed.
	Lesser Peachtree Borer, Peachtree Borer	1/3 qts. per acre 2/3 - 1 qt. per 100 gals. or 2 2/3 - 3 1/3 qts. per acre	Best control is obtained with a single application post- harvest after the leaves have dropped. Spray all bark areas from ground level to lower scaffold limbs.
	Do not allow livestock to graze or	n treated orchard crops	
	For aerial application, the use of	5 lbs. active ingredient (a closed mixing/loading	
	 For airblast applications the use Restricted-Entry Interval (REI) is 		rea.
POTATOES (1) (Except California)	Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaffooted Bug, Plant Bugs, Potato	2/3 – 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed. For application by irrigation systems, apply the specified
	Flea Beetle, Potato Leafhopper, Potato Tuberworm, Threelined Potato Beetle		dosage of Thionex 3EC per acre. Follow all directions given under CHEMIGATION USE INSTRUCTIONS section of this label.
	European Corn Borer, Potato Psyllid	1 – 1 1/3 qts. per acre	·
	False Chinch Bug, Whitefly	1 1/3 qts. per acre	
	Do not make more than 4 application Do not exceed a maximum of 2 line. Restricted-Entry Interval (REI) is	lbs. active ingredient (i.e	e., 2 2/3 qts. of product) per acre per season.
POTATOES (1) (California only)	Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaffooted Bug, Plant Bugs, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, Threelined	2/3 – 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.
•	Potato Beetle European Corn Borer, Potato Psyllid	1 – 1 1/3 qts. per acre	
	False Chinch Bug, Whitefly	1 1/3 qts. per acre	
	Do not make more than 4 application Do not exceed a maximum of 2 I Restricted-Entry Interval (REI) is	bs. active ingredient (i.e	e., 2 2/3 qts. of product) per acre per season.
STRAW- BERRIES (4)	Meadow Spittlebug, Strawberry Aphid, Tarnished Plant Bug, Whitefly	1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.
(Except California)	Do not make more than 2 applications	ations per season. bs. active ingredient (i.e	a 35-day period when fruit is present. 2., 2 2/3 qts. of product) per acre per season. 3 system is required.
	Restricted-Entry Interval (REI) is Cyclamen Mite	2 days. 1 1/3 qts. per acre in 400 gals. of	Make applications when insects appear or feeding is noticed. Thoroughly wet the foliage, stem and crown of the
	 Do not make more than 2 applica 	ations per season. bs. active ingredient (i.e a closed mixing/loading	plant. nan 35 days when fruit is present, 2 2/3 qts. of product) per acre per season. system is required.

STRAW-	Meadow Spittlebug, Strawberry	1 1/3 qts. per acre	Make applications when insects appear or feeding is			
BERRIES (4)	Aphid, Tarnished Plant Bug, Whitefly	<u> </u>	noticed.			
(California only)	 Do not reapply within 15 days or more than twice during a 35-day period when fruit is present. Do not make more than 2 applications per season. 					
	 Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. active ingredient (i.e., 2 2/3 qts. of product) per acre per season. 					
	For aerial application, the use of a closed mixing/loading system is required.					
	Restricted-Entry Interval (REI) is 2 days.					
	Cyclamen Mite	1 1/3 qts. per acre	Make applications when insects appear or feeding is			
		in 400 gals.	noticed. Thoroughly wet the foliage, stem, and crown of the plant. For multiple applications, do not apply at			
		·	intervals less than 35 days when fruit is present.			
	Do not make more than 2 applica	tions per season.				
•			., 2 2/3 qts. of product) per acre per season.			
•	For aerial application, the use of a		system is required.			
SWEET CORN	 Restricted-Entry Interval (REI) is : Corn Leaf Aphid, Whitefly 	1 1/3 qts. per acre	Make application when insects appear or feeding is			
(Fresh	Con Lear Aprila, Winterly	1 175 qts. per acre	noticed.			
Vegetable Use	Corn Earworm	2 qts. per acre	Make a single application when silks first appear.			
Only) (1)	 Do not apply to sweet corn to be j 		,			
(Except California)			w livestock to graze in treated fields.			
ouorrina)	 Do not make more than 1 applica Do not exceed a maximum of 1.5 	•	.e., 2 qts. of product) per acre per season.			
	For aerial application, the use of a	• ,				
	Restricted-Entry Interval (REI) is	• •				
SWEET CORN (Fresh	Corn Leaf Aphid, Whitefly	1 1/3 qts. per acre	Make application when insects appear or feeding is noticed.			
Vegetable Use Only) (1)	Corn Earworm	2 qts. per acre	Make a single application when silks first appear.			
(California only)	Do not apply to sweet corn to be it.					
(,)	 Do not feed treated forage or ens Do not make more than 1 applica 	•	w livestock to graze in treated fields.			
			.e., 2 qts. of product) per acre per season.			
	For aerial application, the use of a					
	 Restricted-Entry Interval (REI) is ' 	17 days.				
SWEET POTATOES (1)	Sweet Potato Flea Beetle, Sweet Potato Weevil	2/3 qt. per acre	Make applications when insects appear or feeding is noticed. For flea beetle control, begin applications shortly			
(Except California)			after transplanting or as soon as flea beetles appear. For sweet potato weevil control, apply in sufficient water for complete coverage. Applications may be made to transplants in the nursery and/or in the field. Repeat applications may be made as necessary. For sweet potato weevil control in a clean up program, apply at a rate of 2 2/3 qts. per acre to the soil under the sweet potato nursery beds and to the area immediately surrounding the nursery beds. Do not place the seed tubers directly on the ground treated with endosulfan.			
	Whitefly	1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.			
•	Banded Cucumber Beetle Larvae	1 1/3 – 2 2/3 qts.	Work into the soil to a depth of approximately 3 inches.			
	(aids in control) (South Central States and Puerto Rico Only)	per acre broadcast or 1/2 to 1 gt. per	Treatment should be made just prior to plant set.			
	States and Fuerto Rico Omy)	acre on a 16-inch				
		band over the row				
		(48-inch row	•			
	spacing).					
• .	Do not feed cull potatoes to livestock or allow livestock to graze in treated fields. Do not make more than 2 applications are access.					
	 Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. active ingredient (i.e., 2 2/3 qts. of product) per acre per season. 					
	For aerial application, the use of a					
	 Restricted-Entry Interval (REI) is 3 	days.				
SWEET POTATOES (1) (California only)	Sweet Potato Flea Beetle, Sweet Potato Weevil	2/3 qt. per acre	Make applications when insects appear or feeding is noticed. For flea beetle control, begin applications shortly after transplanting or as soon as flea beetles appear. For sweet potato weevil control, apply in sufficient water for complete coverage. Applications may be made to transplants in the nursery and/or in the field. Repeat applications may be made as necessary.			
	Do not feed cull potatoes to livesto		graze in treated fields.			
	 Do not make more than 2 applicat 	ions per season.				
			(i.e., 2 qts. of product) per acre per season.			
[For aerial application, the use of a Restricted-Entry Interval (REI) is 3 		system is required.			
	- nestricted-Entry interval (REI) IS 3	uays.				

TOBACCO (5) (For Use in IN, KY, OH, PA, TN, and WV only)	Aphids (including Green Peach Aphid, Tobacco Aphid), Budworm, Cabbage Looper, Flea Beetles, Hornworms	2/3 qt. per 100 gals.	Seed Bed: Make applications when insects appear or feeding is noticed. Apply about 6 gals. of finished spray per 100 square yards.	
	Green June Bug Larvae	2/3 pt. per 100 gals.	Plant Bed: Make applications when insects appear or feeding is noticed. Drench at a rate of 1 gal. per square yard.	
	Aphids (including Green Peach Aphid, Tobacco Aphid), Budworm, Cabbage Looper, Flea Beetles, Green June Bug Larvae, Hornworms	2/3 – 1 1/3 qts. per acre	Field: Make applications when insect activity or feeding is noticed.	
	Stink Bugs	2/3 qt. per 100 gals.	Field: Make applications when insect activity or feeding is noticed.	
	 Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. active ingredient (i.e., 2 2/3 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 2 days. 			
TOMATOES (Field and Greenhouse)	Aphid, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Tomato Hornworm	2/3 – 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.	
(2) (Except	Cabbage Looper, Stink Bug	1 – 1 1/3 qts. per acre		
California)	Tomato Fruitworm, Tomato Russet Mite, Whitefly, Yellowstriped Armyworm	1 1/3 qts. per ácre	Make applications when insects appear or feeding is noticed.	
	Whitefly	2/3 qt. per 100 gals. of water Use 100-200 gals. of spray per acre	Make applications when insects appear or feeding is noticed. Higher spray volumes may be necessary for thorough coverage when high whitefly populations exist.	
	Do not make more than 4 applic Do not exceed a maximum of 2 Restricted-Entry Interval (REI) is	ations per season. lbs. active ingredient (i.e	., 2 2/3 qts. of product) per acre per season.	
TOMATOES (Field and Greenhouse) (2) (California only)	Aphids, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Tomato Hornworm, Webworm	2/3 – 1 1/3 qts. per acre	Make applications when insects appear or feeding is noticed.	
	Cabbage Looper, Stink Bug Tomato Fruitworm, Tomato Russet Mite, Whitefly, Yellowstriped Armyworm	1 – 1 1/3 qts. per acre 1 1/3 qts. per acre		
	Whitefly	2/3 qt. per 100 gals. Use 100-200 gals.of spray per acre	Make applications when insects appear or feeding is noticed. Higher spray volumes may be necessary for thorough coverage when high whitefly populations exist.	
	 Do not make more than 4 applications per season. Do not exceed a maximum of 2 lbs. active ingredient (i.e., 2 2/3 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 2 days. 			
WALNUTS (Except California)	Walnut Aphid	2 – 2 2/3 qts. per acre	Make application when insects appear or feeding is noticed. Apply in a minimum of 100 gals, of water per acre.	
	 Do not apply after husk split. Do not graze livestock on orchard crops or grasses in treated areas. Do not make more than 1 application per season. Do not exceed a maximum of 2 lbs. active ingredient (i.e., 2 2/3 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 2 days. For airblast applications the use of a closed cab is required. 			
· · · · · · · · · · · · · · · · · · ·	For aerial application, the use of a closed mixing/loading system is required.			

COMMERCIALLY GROWN ORNAMENTALS Grown Outdoors in Nurseries ONLY

Ornamental Trees And Shrubs METHOD OF APPLICATION CROP **INSECTS CONTROLLED** RATE OF APPLICATION DOGWOOD, Dogwood Borer, Lilac Borer ²/₃ qt. per 100 gals. Apply in early June and repeat in 10 to 14 days. Drench (1 1/3 teaspoons per all bark areas down to the ground level. LILAC (Except California) gal.) Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) of 48 hours. Make applications when insects appear or feeding is DOUGLAS FIR Aphids, Cooley Spruce Gall 2/3 qt. per 100 gals. (Grown for Adelgid, Douglas Fir Needle Midge (1 1/3 teaspoons per noticed. For control of gall adelgid, apply when white cottony tufts appear. For control of needle midge, apply Ornamen-tals, gal.) in late April or early May just before buds open.

Nursery Stock or Christmas Trees) (Pacific Northwest Only)	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) of 48 hours. 			
PINES (Austrian, Jack, Red, Scotch, White) (Except California)	Zimmerman Pine Moth	% qt. per 100 gals. (1 1/3 teaspoons per gal.)	Apply in mid-April and again, if necessary, in late fall. Thoroughly wet bark and main stem, especially where branches join main stem.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) of 48 hours. 			
SHADE TREES (Except Birch), SHRUBS (Except California)	Aphids	2/3 qt. per 100 gals. (1 1/3 teaspoons per gal.)	Make applications when insects appear or feeding is noticed.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 48 hours. 			
SHADE TREES (Except Birch), SHRUBS (California only)	Aphids	2/3 qt. per 100 gals. (1 1/3 teaspoons per gal.)	Make applications when insects appear or feeding is noticed.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 48 hours. 			
SPRUCE (New England Area Only)	Spruce Gall Aphid	2/3 qt. per 100 gals. (1 1/3 teaspoons per gal.)	Apply in late-April or early-May when aphids are present but before galls are formed.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 48 hours. 			
TAXUS (Except California)	Taxus Bud Mite	2/3 qt. per 100 gals. (1 1/3 teaspoons per gal.)	Make 3 to 5 applications beginning in mid-May. Thoroughly spray foliage, twigs, and bark.	
	Black Vine Weevil	1 1/3 qts. per 100 gals. (2 2/3 teaspoons per gal.)	Spray thoroughly and drench soil under the plants. Apply when the weevils first appear and repeat in 14 days.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Restricted-Entry Interval (REI) is 48 hours. 			
LEATHERLEA F FERN (LEATHER HOLLY FERN) (Except California)	Leatherleaf Fern Borer	¾ qt: per 100 gals. (1⅓ teaspoons per gal.)	Begin treatment when first larval feeding is observed in the mid-vein area at the base of the leaflets. Repeat at intervals of 2 to 3 weeks as necessary.	
	 Food utensils such as teaspoons must not be used for food purposes after use in measuring pesticides. Do not exceed a maximum of 3 lbs. active ingredient (i.e., 4 qts. of product) per acre per season. Do not use in the greenhouse. Restricted-Entry Interval (REI) is 48 hours. 			

STORAGE AND DISPOSAL

Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or 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 a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills. Contact INFOTRAC: (800) 535-5053.

To confine spill: Dike surrounding area or absorb with sand, cat litter, or commercial clay. 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:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.



Refillable Container: Refillable container. Refill this container with endosulfan only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL INFOTRAC AT (800) 535-5053.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of product.

CALIFORNIA SUPPLEMENTAL LABEL

PROCEDURES FOR REDUCING 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 run-off 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 endosulfan applications:

DIRECTIONS FOR USE (General)

IN ADDITION TO SPECIFIC INSTRUCTIONS UNDER DIRECTIONS FOR USE ON THE PRINCIPAL LABELS, THE FOLLOWING CONDITIONS MUST ALSO BE FOLLOWED FOR USE IN CALIFORNIA:

- 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 1½ lbs. a.i./acre/application or more than 3 lbs. a.i./acre/season. (Orchard crops and strawberries exempted on rate/acre/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 aerial 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 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.
- 5. For aerial applications, the spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor vortices. The working boom length must not exceed 75% of wing span or rotor diameter.
- 6. Aircraft boom pressure shall not exceed 40 pounds per square inch.
- 7. Aircraft nozzles shall be equipped with orifices directed backward parallel to the horizontal axis of the aircraft in flight.
- 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 ¹/₁₆ inch in diameter (D-4 or larger).
- 10. Helicopters operating at 60 mph or less shall be equipped with nozzles having an orifice not less than \$^1/16\$ inch in diameter. A number 46 or equivalent whirlplate may be used.
- 11. For ground applications, equipment other than handguns shall be equipped with nozzles having an orifice not less than ¹/₁₆ inch in diameter or larger. Boom nozzles shall be operated at a boom pressure not to exceed 30 pounds per square inch.

READ CONTAINER LABEL FOR COMPLETE USE INSTRUCTIONS

ACCEPTABLE SITES FOR ENDOSULFAN APPLICATION

- 1. FIELDS, WITH NO DRAINS, HAVING CONTAINMENT THROUGH BERMS (able to hold irrigation water and normal rainwater), LEVEES AND NON-DRAINING CIRCULATION SYSTEMS.
- FIELDS WITH DRAINS, BUT DRAINAGE FLOWS TO SUMP, FARM POND, EVAPORATION POND, OR RECIRCULATION SYSTEM WITHOUT DRAINAGE (uncontrollable overflow acceptable, e.g., 10 or 100 year flood). Only grower maintained recirculation systems without drainage are acceptable.
- 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 ENDOSULFAN APPLICATION

- 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, ESTUARIES, OR THE OCEAN.
- 3. ANY AND ALL FIELDS WITH SURFACE DRAINAGE PATTERNS IN THE MOSS LANDING DRAINAGE SYSTEM HAVING MAIN ARTERIES THAT DRAIN INTO THE ELKHORN SLOUGH (northern portion of Monterey County).
- 4. ANY AND ALL FIELDS WITH DRAINAGE PATTERNS IN THE SAN DIEGO CREEK DRAINAGE SYSTEM HAVING MAIN ARTERIES THAT DRAIN INTO NEWPORT BAY.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED. THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

Thionex® is a registered trademark of Makhteshim Chemical Works, Ltd.

Thionex 3EC (66222-63)(EPA app 10-31-07)(EPA notif 06-03-08)



RESTRICTED USE PESTICIDE

Due to acute toxicity to humans, aquatic organisms, and avian species. For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.

SUPPLEMENTAL LABELING THIONEX® 3EC

INSECTICIDE

For Agricultural or Commercial Use Only NOT FOR USE OR STORAGE IN OR AROUND RESIDENTIAL SITES-SEE Directions for Use/General instructions for prohibited areas

ACTIVE INGREDIENT

INERT INGREDIENTS:* **TOTAL** 100.0%

> *Contains Xylene Range Aromatic Solvent. Contains 3 pounds of endosulfan per gallon.

EPA Reg. No. 66222-63

Manufactured for:

Makhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd., Suite 300 Raleigh, NC 27609

NET CONTENTS: 2 1/2 GALLONS

KEEP OUT OF REACH OF CHILDREN



SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONARY INFORMATION.

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.)

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.

Do not apply this product through any type of irrigation equipment.

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

REI= Restricted Entry Interval

CROP	PESTS	RATE OF	METHOD OF APPLICATION		
OROI	12010		METHOD OF AFFEIGATION		
ALMONDS (58)	(Early infestion of): Peach twig borers	2.66 qts. per acre	SPECIFIC DIRECTIONS: Apply during Popcorn, pink, or petal fall for control of early season infestation. Use in a minimum of 200 gals. of water per acre (dilute) or in 40 gals. per acre (concentrate). For areas less than 1 acre, use 0.7 qt. per 100 gals. of water.		
	 Do not graze livestock on orchard crops or grasses in treated areas. Treated hulls may be fed to livestock and dairy animals. Do not make more than 1 application per season. Do not exceed a maximum of 2 lbs. of active ingredient (2.66 qts.) per acre per season. For airblast application, the use of a closed cab is required. For aerial application, the use of a closed mixing/loading system is required. Restricted-Entry Interval (REI) is 2 days. A 30-foot vegetative buffer strip must be maintained between all areas treated with this product and rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. This product is extremely toxic to fish and aquatic invertebrates and toxic to birds and mammals. Do not apply within 100 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds. Apply as a directed spray to foliage. If using airblast, turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3-10 mph at the application site as measured by an anemometer outside the orchard on the upwind side. 				

Thionex 3EC(EPA app 11-29-07)(almonds supplemental)