

# 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.



# Endosulfan 3EC

Insecticide

For Agricultural or Commercial Use Only. Not for use or storage in or around residential sites – see DIRECTIONS FOR USE INFORMATION for prohibited areas.

**ACTIVE INGREDIENT:**

Endosulfan .....	34.0%
<b>OTHER INGREDIENTS:*</b> .....	66.0%
<b>TOTAL:</b> .....	100.0%

This product contains 3 pounds of Endosulfan per gallon.

\* Contains xylene range aromatic solvent.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  **PELIGRO**  
**POISON**  **VENENO**

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

See **FIRST AID** Below

EPA Reg. No. 19713-399

EPA Est. No. 19713-XX-XXX

Net Content: \_\_\_\_\_

### FIRST AID

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Do not give any liquid to the person.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

**IF ON SKIN OR CLOTHING:**

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

**IF IN EYES:**

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

**IF INHALED:**

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

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

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

Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**DANGER:** Fatal if swallowed, inhaled, or absorbed through skin. Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear appropriate protective clothing listed below. Remove and wash contaminated clothing before reuse.

Do not contaminate food or feed. Keep out of reach of domestic animals. Food utensils such as measuring cups must not be used for food purposes after use in measuring pesticides.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of 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:

- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an (OV) cartridge or a canister with any R, P or HE prefilter.

#### IN ADDITION:

#### All mixers and loaders who are not using engineering controls (see engineering requirements below) and flaggers must wear:

- Coveralls over long-sleeved shirt and long pants, chemical-resistant footwear plus socks, goggles or face shield, chemical-resistant gloves (except when flagging), chemical-resistant headgear when exposed overhead, and chemical-resistant apron when mixing and loading.

(Continued)

Manufactured By:

**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

399SP-0312\*

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## PRECAUTIONARY STATEMENTS (Cont.)

### All other mixers, loaders, applicators, and 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 apron when mixing and loading, applying dips, cleaning up spills or cleaning/repairing equipment, and 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 CONTROLS

Mixers and loaders supporting aerial applications at the rate of more than 1.5 lbs. a.i. per acre 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.
- Wear protective eyewear (face shield or goggles), if the system operates under pressure.
- Be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown: coveralls, chemical-resistant footwear, and the type of respirator specified in the PPE section.

Applicators using airblast equipment must use an enclosed cab that meets the definition in the WPS 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 area: 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 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 WPS for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

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

## ENVIRONMENTAL HAZARDS

This product is 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.

## PHYSICAL OR CHEMICAL HAZARDS

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

## DIRECTIONS FOR USE

### RESTRICTED USE PESTICIDE

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

## AGRICULTURAL USE REQUIREMENTS

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

The requirements in this box only apply to uses of this product that are covered by the WPS.

### Do not enter or allow worker entry into treated areas during the REI found in the specific directions for each site or crop.

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

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves made of any waterproof material, protective eyewear, and shoes plus socks.

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

## NOTE TO ALL USERS

**It is unlawful to use this product from containers bearing previous (older) versions of labeling after July 31, 2012 for the following uses which may have appeared on those earlier labels.**

**Note: These uses do not appear on this new label and therefore product from this container cannot be used on crops in this first listing except for currently approved Special Local Need registrations (FIFRA Section 24(C)):** Almonds, Apricots, Broccoli, Brussels sprouts, Carrots, Cauliflower, Celery (non-AZ), citrus (non-bearing), Collard greens, Dry beans, Dry peas, Eggplant, Filbert, Kale, Kohlrabi, Mustard greens, Nectarine (CA Only), Macadamia, Plum, Prune, Poplars grown for pulp and timber, Strawberry (Annual), Sweet potato, Tart cherry, Tomatoes (greenhouse-grown only), Turnip, Walnut, Ornamental trees, Shrubs and Herbaceous Plants – includes Boxelder, Dogwood, Lilac, Douglas fir grown for ornamental nursery stock or Christmas trees [Pacific Northwest only], Elms, Leatherleaf fern, Pines [Austrian, Jack, Red, Scotch, White], Shade tree [except Birch], Shrubs, Spruce [New England area only], Taxus, Orchids, Hybrid poplars, Christmas trees

**It is unlawful to use this product after July 31, 2012 for the following uses: Note: These uses may appear on this new label and product from this container can be used on crops in this listing and the listings that follow until the specified end-of-use date for each listing.** Cabbage, Celery (AZ Only), Cotton, Cucumbers, Lettuce, Stone fruits not listed above including Nectarine (non-CA), Peaches, Sweet cherry, Summer melons (Cantaloupe, Honeydew, Watermelon), Summer squash, Tobacco

**It is unlawful to use this product after July 31, 2013 for the following uses:** Pears

**It is unlawful to use this product after December 31, 2014 IN THE STATE OF FLORIDA for the following uses:** Apple, Blueberry, Pepper, Potatoes, Pumpkins, Sweet corn, Tomato, Winter squash

**It is unlawful to use this product after July 31, 2015 for the following uses:** Apple, Blueberry, Peppers, Potatoes, Pumpkins, Sweet corn, Tomato, Winter squash

**It is unlawful to use this product after July 31, 2016 for the following uses:** Pineapple, Strawberry (Biennial/Perennial)

**It is unlawful to use this product on any crop or use site after July 31, 2016.**

For use in California, refer to the California Supplemental Label, "PROCEDURES FOR REDUCING THE RISK OF CONTAMINATION OF AQUATIC ECOSYSTEMS IN CALIFORNIA", which follows the "CHEMIGATION STATEMENT" on this label.

#### **USE INFORMATION**

Not for use or storage in or around residential sites, including, homes, non-agricultural outbuildings, recreational vehicles, preschools, day care centers, and not for application to humans and pets. Do not use or store in greenhouses. 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 specified amount of pesticide in a minimum of 10 gallons of water per acre on vegetable or row crops, unless otherwise noted. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides.

When applying this material by aircraft, mix the specified amount with sufficient water to provide a minimum of 1 gallon of finished spray per acre on vegetable crops, unless otherwise noted, and a minimum of 20 gallons of finished spray per acre on fruit crops. Where more than 2 quarts of this material are specified, mix with sufficient water to provide a minimum of finished spray equal to twice the amount of this product used.

Do not plant root crops other than Carrots, Potatoes, Sweet potatoes and Sugar beets as follow-up crops. Observe days interval between last application and harvest.

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

#### **SPRAY DRIFT MANAGEMENT**

1. 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.
2. 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.
3. 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 fine, medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.
4. For orchard 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 and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3 to 10 mph as measured by an anemometer outside of the orchard on the upwind side.
5. 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 to 10 mph as measured by an anemometer. Use fine, 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.
6. The applicator also must use all other measures necessary to control drift.

#### **CHEMIGATION STATEMENT**

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

#### **PROCEDURES FOR REDUCING THE RISK OF CONTAMINATION OF AQUATIC ECOSYSTEMS IN CALIFORNIA FOR CROP USES LISTED ON THE PRODUCT LABEL**

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

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

#### **DIRECTIONS FOR USE IN CALIFORNIA (GENERAL)**

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

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

#### **ACCEPTABLE SITES FOR APPLICATION OF THIS PRODUCT IN CALIFORNIA**

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

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

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

#### **FOR DRIFT CONTROL IN CALIFORNIA**

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 wingspan or rotor diameter.
6. Aircraft boom pressure shall not exceed 40 pounds per square inch.
7. Aircraft nozzles shall be equipped with orifices directed backward, parallel to the horizontal axis of the aircraft in flight.
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 one-sixteenth 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 one-sixteenth 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 one-sixteenth inch in diameter or larger. Boom nozzles shall be operated at a boom pressure not to exceed 30 pounds per square inch.

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

**Pre-Harvest Interval (PHI)**

**Restricted Entry Interval (REI)**

Crop	Pests	Rate of Application
Apples (21) (Except CA) REI = 7 days	Aphids (including Apple aphids, Rosy apple aphids, Woolly apple aphids), Apple rust mites, Green fruitworms, Tarnished plant bugs, Tentiform leafminers, White apple leafhoppers (first generation)	0.5 qt. per 100 gals. or a maximum of 2.66 qts. per acre
SPECIFIC DIRECTIONS: Applications made at pink and/or petal fall provide best control of Tarnished plant bugs and Green fruitworms. For best control of first generation White apple leafhoppers, apply when nymphs first appear on leaves. If necessary, prior to petal fall, use 0.5 qt. per 100 gals. to control Apple aphids and Rosy apple aphids. For control of Tentiform leafminers, make first application as soon as moth flight begins. A second application should be made 10 days later.		
<p><b>Note:</b> Do not feed pomace from treated Apples to livestock. Do not apply more than 2 times during the fruiting period. Do not apply more than 3 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p> <p><b>Exception for airblast application to Apples:</b> 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-resistant headgear AND maximum PPE clothing (i.e., baseline clothing plus organic vapor respirator, coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant shoes plus socks, and goggles or face shield).</p>		
Apples (30) (CA only) REI = 7 days	Aphids (including Apple aphids, Rosy apple aphids, Woolly apple aphids), Apple rust mites, White apple leafhoppers (first generation)	0.5 qt. per 100 gals. or a maximum of 2.66 qts. per acre
SPECIFIC DIRECTIONS: For best control of first generation White apple leafhoppers, apply when nymphs first appear on leaves. If necessary, prior to petal fall, use 0.5 qt. per 100 gals. to control Apple aphids and Rosy apple aphids.		
<p><b>Note:</b> Do not feed pomace from treated Apples to livestock. Do not apply more than 2 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p> <p><b>Exception for airblast application to Apples:</b> 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-resistant headgear AND maximum PPE clothing (i.e., baseline clothing plus organic vapor respirator, coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant shoes plus socks, and goggles or face shield).</p>		
<b>(Continued)</b>		

<b>(Cont.)</b>		
Crop	Pests	Rate of Application
Nectarines (21), Peaches (21) (Except CA) REI = 7 days	Peachtree borers, Lesser peachtree borers	1 qt. per 100 gals. or 2.66 to 3.33 qts. per acre Pacific Northwest: 0.66 to 1 qt. per 100 gals. Southeastern States: 2 to 3.33 qts. per 100 gals.
SPECIFIC DIRECTIONS: Best control is obtained with a single application post-harvest. Spray all bark areas from ground level to lower scaffold limbs.		
<p><b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed 2.5 lbs. of active ingredient (i.e., 3.33 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p>		
Nectarines (30), Peaches (30) (Except CA) REI = 7 days	Aphids (including Black cherry aphids, Black peach aphids, Green peach aphids, Rusty plum aphids), Catfacing insects (Stink bug type), Green fruit-worms, Peach silver mites, Peach twig borers	0.66 qt. per 100 gals. or a maximum of 3.33 qts. per acre
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
<p><b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed 2.5 lbs. of active ingredient (i.e., 3.33 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p>		
Peaches (30) (CA only) REI = 7 days	Aphids (including Black cherry aphids, Black peach aphids, Green peach aphids, Rusty plum aphids), Catfacing insects (Stink bug type), Peach silver mites, Peach twig borers	0.66 qt. per 100 gals. or a maximum of 3.33 qts. per acre
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
<p><b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed 2.5 lbs. of active ingredient (i.e., 3.33 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p>		
Blueberries (Except CA) REI* = 6 days; 10 days	Blueberry bud mites	2 qts. per acre per 300 gals. of water
SPECIFIC DIRECTIONS: Apply immediately after harvest and repeat 6 to 8 weeks later.		
<p><b>Note:</b> *REI for low-bush is 10 days and 6 days for high-bush blueberries. Do not apply after buds are well-formed. Do not make more than 2 applications per year. Do not exceed 1.5 lbs. of active ingredient (i.e., 2 qts.) per acre per year. Apply only with groundboom equipment or by airblast. Do not make aerial applications.</p>		
<b>(Continued)</b>		

<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Cabbage (17) (Except CA) REI = 4 days	Cabbage aphids, Cabbage loopers, Cross-striped cabbageworms, Diamondback moths (larvae), Flea beetles, Harlequin bugs, Imported cabbageworms, Leafhoppers, Stink bugs	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Armyworms, Cutworms, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Cabbage (17) (CA Only) REI = 4 days	Cabbage aphids, Cabbage loopers, Cross-striped cabbageworms, Diamondback moths (larvae), Flea beetles, Harlequin bugs, Imported cabbageworms, Stink bugs	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Armyworms, Cutworms, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Cantaloupe (4), Honeydew (4), Melons (4), Watermelon (4) REI = 4 days	Aphids, Cucumber beetles, Melonworms, Pickleworms, Rindworms (on Watermelons), Squash beetles, Squash bugs, Squash vine borers, Striped beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. For Squash vine borer control, apply weekly to flower buds, stems and vines beginning when moths appear.	
	Cabbage loopers, Omnivorous leafrollers, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Applications can be made using groundboom or aerial application equipment. Do not make more than 4 applications per year. In California, do not apply more than 3 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Celery (11) (AZ Only) REI = 4 days	Green peach aphids, Cabbage loopers, Leafhoppers	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
	Armyworms, Flea beetles, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 1 application per year. Do not exceed a maximum of 1 lb. of active ingredient (i.e., 1.33 qts.) per acre per year.		
Celery (11) (AZ Only) REI = 4 days	Green peach aphids	0.66 qt. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 1 lb. of active ingredient (i.e., 1.33 qts.) per acre per year.		

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<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Cherries [Sweet Only] (21) (Except CA) REI = 7 days	Peachtree borers, Lesser peachtree borers	1 qt. per 100 gals. or 2.66 to 3.33 qts. per acre Pacific Northwest: 0.66 to 1 qt. per 100 gals.
	SPECIFIC DIRECTIONS: Best control is obtained with a single application post-harvest after leaves have dropped. Spray all bark areas from ground level to lower scaffold limbs.	
	Black cherry aphids, Green fruitworms, Plum rust (Nursery) mites	0.66 qt. per 100 gals. or 2.66 to 3.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
Cherries [Sweet Only] (21) (CA Only) REI = 7 days	<b>Pacific Northwest only:</b> Eyespotted bud moths, Fruittree leafrollers	0.66 qt. per 100 gals. or 2.66 to 3.33 qts. per acre
	SPECIFIC DIRECTIONS: For Bud moth control, apply at popcorn stage. For Leafroller control, apply during pre-pink stage of growth.	
	<b>MI Only:</b> Mineola moths	1.33 qts. per 100 gals.
	SPECIFIC DIRECTIONS: Apply in the delayed-dormant period. Do not apply more than 2.5 lbs. of active ingredient (3.33 qts. of this product) per acre per application.	
<b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 2.5 lbs. of active ingredient (i.e., 3.33 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.		
Cherries [Sweet Only] (21) (CA Only) REI = 7 days	Black cherry aphids, Plum rust (Nursery) mites	0.66 qt. per 100 gals. or 2.66 to 3.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Eyespotted bud moths, Fruittree leafrollers	0.66 qt. per 100 gals. or 2.66 to 3.33 qts. per acre
	SPECIFIC DIRECTIONS: For Bud moth control, apply at popcorn stage. For Leafroller control, apply during pre-pink stage of growth.	
<b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 2.5 lbs. of active ingredient (i.e., 3.33 qts.) per acre per year. Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.		

**(Continued)**

<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Cotton (AZ, NM, OK, and TX only) REI = 10 days	Aphids	0.5 to 1 qt. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Thorough coverage is important.	
	Boll weevils	0.66 to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Bollworms, Cabbage loopers, Cotton leafperforators, Cotton leafworms, Fleahoppers, Lygus bugs, Stink bugs, Tobacco budworms	1.33 to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Thrips	2 qts. per acre
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
<b>Note:</b> Applications may only be made using groundboom application equipment. Do not make aerial applications. The higher rate should be used under heavy pest pressure. Do not apply after bolls open. Do not graze dairy or meat animals in treated fields. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year. Only mechanical harvesting is permitted. Hand thinning/pruning is prohibited.		
Cotton (CA Only) REI = 10 days	Aphids	0.5 to 1 qt. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Thorough coverage is important.	
	Boll weevils	0.66 to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Bollworms, Cabbage loopers, Cotton leafperforators, Fleahoppers, Lygus bugs, Stink bugs	1.33 to 2 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Thrips	2 qts. per acre
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.		
<b>Note:</b> Applications may only be made using groundboom application equipment. Do not make aerial applications. The higher rate should be used under heavy pest pressure. Do not apply after bolls open. Do not graze dairy or meat animals in treated fields. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year. Only mechanical harvesting is permitted. Hand thinning/pruning is prohibited.		

**(Continued)**

<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Cucumbers (11), Summer squash (4) (Except CA) REI = 4 days	Aphids, Cucumber beetles, Melonworms, Pickleworms, Squash beetles, Squash bugs, Squash vine borers, Striped flea beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. For Squash vine borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.	
	Cabbage loopers, Omnivorous leafrollers, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 4 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Cucumbers (11), Summer squash (4) (CA Only) REI = 4 days	Aphids, Cucumber beetles, Melonworms, Pickleworms, Squash beetles, Squash bugs, Squash vine borers, Striped flea beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. For Squash vine borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.	
	Cabbage loopers, Omnivorous leafrollers, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 3 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Lettuce (14) (Except CA) REI = 4 days	Cabbage loopers, Diamondback moths (larvae), Green peach aphids, Imported cabbageworms, Leafhoppers	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Armyworms, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. <b>On Head lettuce</b> – Do not make more than 2 applications per year. Remove wrapper leaves at harvest. <b>On Leaf lettuce</b> – Do not make more than 2 applications per year. Do not feed crop refuse to livestock. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Lettuce (14) (CA Only) REI = 4 days	Cabbage loopers, Diamondback moths (larvae), Green peach aphids, Imported cabbageworms	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. <b>On Head lettuce</b> – Do not make more than 2 applications per year. Remove wrapper leaves at harvest. <b>On Leaf lettuce</b> – Do not make more than 2 applications per year. Do not feed crop refuse to livestock. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		

**(Continued)**

(Cont.)		
Crop	Pests	Rate of Application
Pears (7) (Except CA) REI = 7 days	Green fruitworms, Tarnished plant bugs	0.5 qt. per 100 gals. or maximum 2.66 qts. per acre
	SPECIFIC DIRECTIONS: Make applications at white bud or petal fall when insects appear or feeding is noticed.	
	Pear psylla	2.66 qts. per acre
	SPECIFIC DIRECTIONS: Apply in 300 gals. of water for dilute application. Apply when adults are first observed or nymphs are small.	
	Pear rust mites, Consperse stink bugs (Foliar treatment)	0.5 qt. per 100 gals. or maximum 2.66 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Stink bugs must be wet by spray to obtain control.	
	Pear leaf blister mites	0.33 to 0.5 qt. per 100 gals. or maximum 2.66 qts. per acre
SPECIFIC DIRECTIONS: Apply to trees as a post-harvest or dormant treatment. Do not apply more than 2 lbs. of active ingredient (2.66 qts. of this product) per acre per application.		
<p><b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not apply more than 2 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.</p> <p>Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p> <p><b>Exception for airblast application to Pears (OR, WA, and ID only):</b> When application using enclosed cab airblast equipment is not feasible in Pear orchards, applicators are permitted to use open cab airblast equipment PROVIDED they are wearing chemical-resistant headgear AND maximum PPE clothing (i.e., baseline clothing plus organic vapor respirator, coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant shoes plus socks and goggles or face shield).</p>		
Pears (7) (CA Only) REI = 7 days	Pear psylla	2.66 qts. per acre
	SPECIFIC DIRECTIONS: Apply 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 mites, Consperse stink bugs (Foliar treatment)	0.5 qt. per 100 gals. or maximum 2.66 qts. per acre
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Stink bugs must be wet by spray to obtain control.		
<b>(Continued)</b>		

(Cont.)		
Crop	Pests	Rate of Application
Pears (7) (CA Only) REI = 7 days (Cont.)	Pear leaf blister mites	0.33 to 0.5 qt. per 100 gals. or maximum 2.66 qts. per acre
	SPECIFIC DIRECTIONS: Apply to trees as a post-harvest or dormant treatment. Do not apply more than 2 lbs. of active ingredient (2.66 qts. of this product) per acre per application.	
<p><b>Note:</b> Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not apply more than 2 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.</p> <p>Apply by airblast only. The use of a closed cab is required. Do not make aerial applications.</p> <p><b>Exception for airblast application to Pears (OR, WA, and ID only):</b> When application using enclosed cab airblast equipment is not feasible in Pear orchards, applicators are permitted to use open cab airblast equipment PROVIDED they are wearing chemical-resistant headgear AND maximum PPE clothing (i.e., baseline clothing plus organic vapor respirator, coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant shoes plus socks and goggles or face shield).</p>		
Peppers (4) (Except CA) REI = 4 days	Armyworms, Flea beetles, Green peach aphids, Hornworms, Leafhoppers, Pepper maggots	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
	Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
<p><b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.</p>		
Peppers (4) (CA Only) REI = 4 days	Flea beetles, Green peach aphids, Hornworms, Pepper maggots	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
	Whiteflies	1.33 qts. per acre
SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.		
<p><b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.</p>		
Pineapple (10) Fresh Market Only (CA Only) REI = 10 days	Pineapple fruit mites	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Make a second application at 7 to 10 days interval, if necessary, particularly during the 40-day blooming period.	
<p><b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not feed forage or Pineapple by-products to livestock. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.</p>		
<b>(Continued)</b>		

<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Potatoes (7) (Except CA) REI = 7 days	Aphids, Armyworms, Colorado potato beetles, Green stink bugs, Leafhoppers, Plant bugs, Potato flea beetles, Potato leafhoppers, Potato tuberworms, Threelined potato beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	European corn borers, Potato psyllids	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	False chinch bugs, Whiteflies	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not apply by chemigation. Do not make more than 4 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Potatoes (7) (CA only) REI = 7 days	Aphids, Armyworms, Colorado potato beetles, Green stink bugs, Leafhoppers, Plant bugs, Potato flea beetles, Potato leafhoppers, Potato tuberworms, Threelined potato beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	European corn borers, Potato psyllids	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	False chinch bugs, Whiteflies	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 4 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year. Chemigation using endosulfan is NOT permitted in California.		
Pumpkin (11), Winter squash (11) REI = 7 days	Aphids, Cucumber beetles, Melonworms, Pickleworms, Squash beetles, Squash bugs, Squash vine borers, Striped flea beetles	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. For Squash vine borer control, apply weekly to flower buds, stems and vines beginning when moths appear.	
	Cabbage loopers, Omnivorous leafrollers, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 4 applications per year. In California, do not apply more than 3 times per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
<b>(Continued)</b>		

<b>(Cont.)</b>		
<b>Crop</b>	<b>Pests</b>	<b>Rate of Application</b>
Strawberries: Biennial and Perennial Only (7) (Including CA) REI = 7 days	Meadow spittlebugs, Strawberry aphids, Tarnished plant bugs, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Do not reapply within 15 days or more than twice during a 35-day period when fruit is present.	
	Cyclamen mites	1.33 qts. per acre in 400 gals.
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is 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.	
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Sweet corn (17) (Fresh Vegetable Use Only) (Including CA) REI = 17 days	Corn leaf aphids, Whiteflies	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make application when insects appear or feeding is noticed.	
	Corn earworms	2 qts. per acre
SPECIFIC DIRECTIONS: Apply when silks first appear.		
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Mechanical harvesting only. Do not apply to Sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow livestock to graze in treated fields. Do not make more than 1 application per year. Do not exceed a maximum of 1.5 lbs. of active ingredient (i.e., 2 qts.) per acre per year.		
Tobacco (10) (IN, KY, OH, PA, TN, and WV only) REI* = 10 days; 13 days	Aphids (including Green peach aphids, Tobacco aphids), Budworms, Cabbage loopers, Flea beetles, Hornworms	<b>Seed Bed:</b> 0.66 qt. per 100 gals.
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Apply approximately 6 gals. of finished spray per 100 sq. yds.	
	Green June bugs (larvae)	<b>Plant Bed:</b> 0.66 pt. per 100 gals.
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Drench at a rate of 1 gal. per sq. yd.	
	Aphids (including Green peach aphids, Tobacco aphids), Budworms, Cabbage loopers, Flea beetles, Green June bugs (larvae), Hornworms	<b>Field:</b> 0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insect activity or feeding is noticed.	
Stink bugs	<b>Field:</b> 0.66 qt. per 100 gals.	
SPECIFIC DIRECTIONS: Make applications when insect activity or feeding is noticed.		
<b>Note:</b> *REI is 10 days for foliar field treatment and 13 days for seedbed or plantbed treatment. Do not use high pressure hand wand equipment. Do not make more than 2 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
<b>(Continued)</b>		



(Cont.)		
Crop	Pests	Rate of Application
Tomatoes (4) (Field Use Only) (Except CA) REI = 4 days	Aphids, Blister beetles, Colorado potato beetles, Flea beetles, Tomato hornworms	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Cabbage loopers, Stink bugs	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Tomato fruitworms, Tomato russet mites, Whiteflies, Yellowstriped armyworms	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Whiteflies	Use 0.66 qt. per 100 gals. of water. Use 100 to 200 gals. of spray per acre.
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Higher spray volumes may be necessary for thorough coverage when high Whitefly populations exist.		
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not use in greenhouse. Do not make more than 4 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		
Tomatoes (4) (Field Use Only) (CA Only) REI = 4 days	Aphids, Blister beetles, Colorado potato beetles, Flea beetles, Tomato hornworms, Webworms	0.66 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Cabbage loopers, Stink bugs	1 to 1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Tomato fruitworms, Tomato russet mites, Whiteflies, Yellowstriped armyworms	1.33 qts. per acre
	SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed.	
	Whiteflies	Use 0.66 qt. per 100 gals. of water. Use 100 to 200 gals. of spray per acre.
SPECIFIC DIRECTIONS: Make applications when insects appear or feeding is noticed. Higher spray volumes may be necessary for thorough coverage when high Whitefly populations exist.		
<b>Note:</b> Apply only with groundboom equipment. Do not make aerial applications. Do not use in greenhouse. Do not make more than 4 applications per year. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 2.66 qts.) per acre per year.		

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store in or around the home. Do not store below 20°F (-7°C). Do not use or store near heat, open flame or hot surfaces. Keep out of reach of children and animals. Store in original containers only. Store in cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or diluted material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage and disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL:

**Nonrefillable Container (rigid material; less than 5 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 and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth 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. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (rigid material; 5 gallons or greater):** 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 one-fourth 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. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Refillable Containers:** Refillable container. Refill this container with pesticide 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% 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.

## **WARRANTY—CONDITIONS OF SALE**

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

To the extent consistent with applicable law, the Manufacturer or the Seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with the directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

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