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12-17-2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

DEC 1 7 2009

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

Dear Ms. Chan:

Subject: Application for Pesticide Notification (PRN 98-10)

Revise per Agency letter dated January 22, 2009,

Revise per Pesticide Registration Notice 2007-4 (Storage & Disposal),

and Update Warranty Statement

Drexel Endosulfan 2EC EPA Reg. No. 19713-99

Your submission dated February 25, 2009

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated February 25, 2009 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Sincerely,

Dana R. Pilitt

Kimberly Nesci
Product Manager 10
Insecticide Branch
Registration Division (7505P)



February 25, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Rm S-4900, One Potomac Yard
2777 S Crystal Drive
Arlington, VA 22202

Re: Submission of Revised Label by Notification per PR Notices 98-10 and 2007-4 and per EPA's EPA Stamped Accepted Label dated January 22, 2009 DREXEL ENDOSULFAN 2EC (EPA Reg. no. 19713-99)

Herewith:

- 1. Completed EPA Form 8570-1
- 2. One (1) copy of the label (99SP-0209*) incorporating EPA's comments dated 1/22/2009.

Also:

- i) Per PR Notice 2007-4, the storage and disposal statements were updated.
- ii) Under Warranty, the word "Recommendations" found on the first sentence was replaced with "Directions" to read "Our *Directions* For Use of this product......reliable." This change is permitted in PR Notice 98-10.

I highlighted the changes for easy reference.

3. Certification Statements

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370 or e-mail <u>Lchan@drexchem.com</u>. Thank you.

Respectfully yours, FOR DREXEL CHEMICAL COMPANY

Luz G Chan

Registration Manager

Cualo. Chan

1700 Channel Avenue • Post Office Box 13327 • Memphis, Tennessee 38113-0327
Phone: (901) 774-4370 • Fax: (901) 774-4666 • E-Mail: info@drexchem.com • www.DrexChem.com

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.



NOTIFICATION

DEC 17 2009

Drexel Endosulfan 2EC

Insecticide

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

ACTIVE INGREDIENT:

| Endosulfan | 24.6% |
|---------------------|--------|
| OTHER INGREDIENTS*: | |
| TOTAL: | 100.0% |

This product contains 2 pounds of Endosulfan per gallon.

*Contains xylene range aromatic solvent.



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

See FIRST AID Below SHAKE WELL BEFORE USING

EPA Reg. No: 19713-99

EPA Est. No: 19713-XX-XXX

Net Content:

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.

FIRST AID

Do not give anything by mouth to an unconscious or convulsing person.

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 ON SKIN OR CLOTHING:

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

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 spoons and 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 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), 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 when flagging), goggles or face shield, chemical-resistant head gear when exposed overhead, and chemical-resistant apron when mixing and loading.

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.

Manufactured By:

Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

ENGINEERING C

ROLS

Mixers and loaders supporting aerial applications at the rate of more than 1.5 lbs. ai. 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.
- 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, chemicalresistant 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 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
 flowers, 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 mak. 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.

CHEMICAL AND PHYSICAL 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 THROUGH ANY TYPE OF IRRIGATION SYSTEM. This product is not intended for use in CA. 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), 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. 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.

GENERAL INFORMATIN

Not for use or storage in or around residential sites, including, homes, non-agricultural outbuildings, non-commercial greenhouses, recreational vehicles, preschools, day care centers, and not for application to humans and pets. Apply the listed amount per acre when insects first appear and repeat as required, unless otherwise noted, to maintain effective control. Use in sufficient water for thorough coverage of listed crops, unless otherwise noted. Coverage of upper and lower leaf surfaces is essential for good control. For ground application, apply recommended amount of pesticide in a minimum of 10 gallons of water per acre on vegetable or row crops, unless otherwise noted. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides.

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

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

SPRAY DRIFT MANAGEMENT

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

ADDITIONAL USE RESTRICTIONS

- The use of high pressure hand wand on all sites except for Bark treatment or Tobacco drench is prohibited.
- If using high pressure hand wand equipment or Rights-of-Way sprayers, reduce the maximum rate of application to 0.005 lb. active ingredient (0.32 fl. oz. of this product) per gallon.

REI = Restricted Entry Interval

| Crop | Pests | Rate of Application | PHI (Days) |
|--------------|--|---|---------------------|
| Almonds | Early infestation of Peach twig borers | 4 qts. per acre | 58 |
| REI = 2 days | SPECIFIC DIRECTIONS: App petal fall for control of early se minimum of 200 gals. of wate gals. per acre (concentrate). I use 1 qt. per 100 gals. of wate | eason infestation. Ur per acre (dilute) o For areas less than | lse in a r in 40 |

NOTE: 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 (i.e., 4 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

For aerial application, the use of a closed mixing/loading system is required.

Apples Apple aphids, Apple rust 1 qt. per 100

| | mites, Rosy apple aphids | gais. of water or a maximum of 5 qts. per acre |
|--------------|---|--|
| REI = 2 days | SPECIFIC DIRECTIONS: Appleeding is noticed. If necessar qts. per 100 gals. to control A aphids. | ry, prior to petal fall, use 12 |

| Crop | Pests | Rate of Application | PHI (Days) |
|--------------|---|---------------------|---------------|
| Brussels | Cabbage aphids, Cabbage | 1.5 to 2 gts. | 14 |
| sprouts, | loopers, Cross-striped cab- | per acre | |
| Cauliflower | bageworms, Diamond-back | | |
| | moth larvae, Flea beetles, | | |
| | Harlequin bugs, Imported | | |
| | cabbageworms, Stink bugs | | |
| | Armyworms, Cutworms | 2 qts. | |
| | | per acre | |
| REI = 4 days | SPECIFIC DIRECTIONS: App feeding is noticed. | oly when pests app | ear or |
| | ake more than 2 applications pe b. of active ingredient (i.e., 4 qts | | |
| Carrots | Green peach aphids | 1 to 2 qts. | 7 |
| | | per acre | |
| REI = 2 days | SPECIFIC DIRECTIONS: App feeding is noticed. | oly when pest appe | ears or |

NOTE: Do not use tops for food or feed. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 4 qts.) per acre per season. Celery Green peach aphids 1 qt. per acre

> SPECIFIC DIRECTIONS: Apply when pests appear or feeding is noticed. Do not make more than 1 application 1 qt. per acre Green peach aphids SPECIFIC DIRECTIONS: Apply when pests appear or feeding is noticed. Do not make more than 2 applications per season.

> > 1 qt. per 100

gals, of water

NOTE: Do not exceed a maximum of 1 lb. of active ingredient (i.e., 2 qts.) per acre per seaso

Black cherry aphids, Plum

rust (nursery) mites

REI = 2 days

or 4 to 5 ats. per acre SPECIFIC DIRECTIONS: Apply when pests appear or feeding is noticed. Mineola moths (MI only) - Use 2 qts. per 100 gals. of water. Apply in the delayed dormant pe-REI = 2 days

NOTE: Do not feed cull fruits to animals or allow livestock to graze in treated orchards. Do not make more than 2 applications per year. Do not exceed a maximum of 2.5 lbs. of active ingredient (i.e., 5 qts.) per acre per

For airblast application, the use of a closed cab is required. For aerial application, the use of a closed mixing/loading system is required.

Cabbage loopers, Collards 1.5 to 2 qts. Diamondback, moth larvae, per acre Harlequin bugs, Imported

cabbageworms SPECIFIC DIRECTIONS: Apply when pests appear or REI = 2 days feeding is noticed.

NOTE: For all uses, do Do not make more than 1 application per year. Do not exceed a maximum of 1 lb. of active ingredient (i.e., 2 qts.) per acre per

| season. | | | |
|--|---|---|--------|
| Cotton (AZ, NM, OK, and TX only) REI = 2 days | Boll weevils | Ground: 1 to 3 qts. per acre Air: 1.5 qts. per acre | _ |
| | Bollworms, Cabbage loop- ers, Cotton leaf perforators, Lygus bugs, Stink bugs | Ground: 2 to 3 qts. per acre Air: 1.5 qts. per acre | |
| | Thrips | Ground: 3 qts. per acre Air: 1.5 qts. per acre | |
| | SPECIFIC DIRECTIONS: Appleeding is noticed. | oly when pests app | ear or |

NOTE: Applications may be made using ground or aerial equipment. The higher rate should be used under heavy pest pressure. Do not apply after the bolls are open. Do not graze dairy or meat animals in treated fields. Do not make more than 2 applications per season. For ground application, do not exceed a maximum of 2 lbs. of active ingredient (i.e., 4 qts.) per acre per season. For aerial application, do not exceed a maximum of 1.5 lbs. of active ingredient (i.e., 3 qts.) per season.

For aerial application, the use of a closed mixing/loading system is required. For airblast application, the use of a closed cab is required. Only mechanical harvesting is permitted. Hand thinning/pruning is prohibited.

> (Continued) ENDOSULFAN 2EC Page 3 of 6

| | | Rate of | PHI |
|---|--|--|--|
| Crop | Pests | Application | (Days) |
| cull fruits to anim make more than than 3 application ingredient (i.e., 5 For airblast applie Exception for airt closed cab airbla are permitted to a wearing chemical shirt and long pai plus socks, and g plus socks, and g | ed pomace from treated Apples als or allow livestock to graze in 2 applications during the fruiting is per year. Do not exceed a m qts.) per acre per season. action, the use of a closed cablast application to Apples: Whe st equipment is not feasible in A ise open cab airblast equipment—resistant headgear AND maximular plus organic vapor respirator, controlled to the control of t | n treated orchards. g period. Do not m aximum of 2.5 lbs is required. In application using Apple orchards, ap at PROVIDED they mum PPE clothing soveralls over long chemical-resistant | Do not ake more of active g en- plicators of are (i.e., -sleeved shoes |
| | | | |
| Apricots, Peaches, Nectarines | Black cherry aphids, Black peach aphids, Catfacing in- sects, Green peach aphids, Peach silver mites, Peach twig borers, Rusty plum aphids | 1 qt. per 100 gals. of water or a maximum of 5 qts. per acre | 30 |
| | SPECIFIC DIRECTIONS: App | oly when pests app | pear or |
| | feeding is noticed. | | |
| | Lesser peach tree borers, Peach tree borers | 1.5 qts. per 100 gals. of water or a maximum of 5 qts. per acre Southeastern States: 3 to 5 qts. per 100 gals. of water | 21 |
| | SPECIFIC DIRECTIONS: Bes | st control is obtaine | ed with a |
| REI = 2 days | single application post-harves September. Spray all bark are lower scaffold limbs. | | |
| | ed cull fruits or allow livestock to | | |
| | an 2 applications per year. Do e., 5 qts.) per acre per season. | not exceed 2.5 lbs | . of ac- |
| For airblast applic | cation, the use of a closed cab it tion, the use of a closed mixing | | required. |
| Beans (Dry) | Black bean aphids, Bean leaf skeletonizers, Cucumber beetles, Green stink bugs, Mexican bean beetles | 1 to 2 qts. per acre | 3 |
| | Western bean cutworms | 2 qts. | |

| Beans (Dry) | Black bean aphids, Bean leaf skeletonizers, Cucumber beetles, Green stink bugs, Mexican bean beetles | 1 to 2 qts. per acre | 3 |
|--------------|--|-------------------------|--------|
| | Western bean cutworms | 2 qts. per acre | |
| REI = 2 days | SPECIFIC DIRECTIONS: Appleeding is noticed. | ply when pests app | ear or |

NOTE: Do not feed treated threshings or allow livestock to graze in treated fields. Do not use on Lima beans as plant injury may occur. Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 4 qts.) per acre per season.

| | <u> </u> | | |
|--------------|---|---|---------|
| Blueberries | Blueberry bud mites | 3 qts. per acre in 300 gals. of water | |
| REI = 6 days | SPECIFIC DIRECTIONS: App after harvest and repeat 6 to 8 | | liately |
| | | | |

NOTE: Do not apply after buds are well formed. Do not make more than 2 applications per season. Do not exceed a maximum of 1.5 lbs. of active ingredient (i.e., 3 qts.) per acre per season.

| For actial applica | audit, the use of a closed mixing | noauling system is | required. |
|----------------------|--|---------------------------|-----------|
| Broccoli, Cabbage | Cabbage aphids, Cabbage loopers, Cross-striped cab- bageworms, Diamondback moth larvae, Flea beetles, Harlequin bugs, Imported cabbageworms, Stink bugs | 1.5 to 2 qts. per acre | 7 |
| | Armyworms, Cutworms | 2 qts. per acre | |
| REI = 4 days | SPECIFIC DIRECTIONS: Appreceding is noticed. | oly when pests app | oear or |

NOTE: Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 4 qts.) per acre per season.

(Continued)

| Crop | Pests | Rate of Application | PHI (Days) |
|--|--|---|--|
| Cucumbers, | Aphids, Cucumber beetles, | 1 to 2 qts. | 2 |
| Melons, | Striped flea beetles, Melon- | per acre | |
| Summer and | worms, Pickleworms, Rind- | | |
| Winter squash | worms (on Watermelons), | i | |
| | Squash beetles, Squash bugs, Squash vine borers | 1 | |
| | Cabbage loopers, | 2 qts. per acre | ł |
| | Omnivorous leafrollers | 2 qis. per acre | 1 |
| | SPECIFIC DIRECTIONS: Ap | l niv when neete an: | near or |
| | feeding is noticed. For Squas | | |
| REI = 2 days | weekly to flower buds, stems | | |
| NOTE: Do not on | moths first appear. | Do | |
| | ake more than 4 applications pos. of active ingredient (i.e., 4 qts | | |
| Eggplant | Blister beetles, Colorado | 1 to 2 qts. | 1 |
| Eggpiain | potato beetles, Flea | per acre | i . ' |
| | beetles, Green peach | | ` |
| | aphids, Green stink bugs, | | |
| | Whiteflies | | |
| REI = 2 days | SPECIFIC DIRECTIONS: App | oly when pests app | pear or |
| | feeding is noticed. | | |
| | es, do not make more than 2 ap | | |
| | of active ingredient (i.e., 4 qts. | | |
| Kale | Flea beetles, Harlequin | 1.5 qts. | 21 |
| | bugs, Imported | per acre | |
| | cabbageworms | | |
| REI = 2 days | SPECIFIC DIRECTIONS: App | ny wnen pests app | pear or |
| NOTE: F" | feeding is noticed. es, do Do not make more than | 4li4 | D- |
| | es, do to not make more than kimum of 0.75 lb. of active ingre | | |
| acre per season. | kindin or 0.75 lb. or active ingre | salent (i.e., 1.5 qts. | .) por |
| Lettuce | Cabbage loopers, Green | 1.5 to 2 qts. | 14 |
| Loudoc | peach aphids, Diamond- | per acre | '" |
| | back moth larvae, Imported | po. 00.0 | |
| | cabbageworms | | |
| | | | |
| REI = 2 days | SPECIFIC DIRECTIONS: App | oly when pests app | pear or |
| Remove wrapper | SPECIFIC DIRECTIONS: Appleeding is noticed. lettuce: Do not make more that leaves at harvest. On Leaf lettuce. | n 2 applications pe uce: Do not make | r season. more |
| NOTE: On Head Remove wrapper than 2 application livestock. Do not qts.) per acre per | SPECIFIC DIRECTIONS: Appleeding is noticed. lettuce: Do not make more that leaves at harvest. On Leaf lett is per season. For all uses, do exceed a maximum of 2 lbs. of season. | n 2 applications peuce: Do not make not feed crop refu active ingredient (| r season. more se to i.e., 4 |
| NOTE: On Head Remove wrapper than 2 application livestock. Do not qts.) per acre per | SPECIFIC DIRECTIONS: Api feeding is noticed. lettuce: Do not make more that leaves at harvest. On Leaf lett is per season. For all uses, do exceed a maximum of 2 lbs. of season. Aphids, Cabbage loopers, | n 2 applications peuce: Do not make not feed crop refu active ingredient (| r season. more se to |
| NOTE: On Head Remove wrapper than 2 application livestock. Do not qts.) per acre per | SPECIFIC DIRECTIONS: Api feeding is noticed. lettuce: Do not make more that leaves at harvest. On Leaf lett is per season. For all uses, do exceed a maximum of 2 lbs. of season. Aphids, Cabbage loopers, Imported cabbageworms | n 2 applications pe uce: Do not make not feed crop refu active ingredient (1.5 to 2 qts. per acre | r season. more se to i.e., 4 |
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| NOTE: On Head Remove wrapper han 2 application ivestock. Do not qts.) per acre per Mustard greens REI = 2 days NOTE: Do not maximum of 1 lb. | SPECIFIC DIRECTIONS: App feeding is noticed. lettuce: Do not make more than leaves at harvest. On Leaf lettuce is per season. For all uses, do exceed a maximum of 2 lbs. of season. Aphids, Cabbage loopers, imported cabbageworms SPECIFIC DIRECTIONS: App feeding is noticed. ake more than 1 application per of active ingredient (i.e., 2 qts. Consperse stink bugs (Soil treatment) SPECIFIC DIRECTIONS: App ground around trees prior to be consperse stink bugs (Foliar treatment) NOTE: Stink bugs must be we trol. Pear rust mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear psylia SPECIFIC DIRECTIONS: App vest or dormant treatment. Pear psylia SPECIFIC DIRECTIONS: App vest or dormant treatment. | a 2 applications per uce: Do not make not feed crop refu active ingredient (1.5 to 2 qts. per acre bly when pests apply year. Do not exce per seas 1 qt. per 100 gals. of water or 5 qts. per acre yet to 5 qts. per acre of the year acre of year acre of year acre of year acre of the year acre of year acre of the year acre of the year acre of the year acre of year acre of the year acre of the year acre of the year acre of year acre of the year acre of yea | r season. more se to i.e., 4 21 pear or sed a son. 7 and 7 in con- 7 f 10 gals. |
| NOTE: On Head Remove wrapper than 2 application tivestock. Do not tits.) per acre per Mustard greens REI = 2 days NOTE: Do not me maximum of 1 ib. Pears | SPECIFIC DIRECTIONS: Appleding is noticed. lettuce: Do not make more than leaves at harvest. On Leaf lettuce is per season. For all uses, do exceed a maximum of 2 lbs. of season. Aphids, Cabbage loopers, imported cabbageworms SPECIFIC DIRECTIONS: Appleding is noticed. ake more than 1 application per of active ingredient (i.e., 2 qts. Consperse stink bugs (Soil treatment) SPECIFIC DIRECTIONS: Appleding treatment) NOTE: Stink bugs must be wittol. Pear rust mites SPECIFIC DIRECTIONS: Appleding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: Appleding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: Appleding is noticed. Pear psylla SPECIFIC DIRECTIONS: Appleding is noticed. Pear psylla SPECIFIC DIRECTIONS: Appleding is noticed. | a 2 applications per uce: Do not make not feed crop refu active ingredient (1.5 to 2 qts. per acre bly when pests appresses 1 qt. per 100 gals. of water or 5 qts. per acre 200 to 400 gals. per acre bly to orchard floor of to gals. of water or 4 to 5 qts. per acre at by spray to obta 1 qt. per 100 gals. of water or 4 to 5 qts. per acre bly to gals. of water or 5 qts. per acre bly when pests appresses | r season. 21 21 221 221 221 221 222 223 224 225 227 227 227 227 227 227 |
| NOTE: On Head Remove wrapper han 2 application ivestock. Do not qts.) per acre per Mustard greens REI = 2 days NOTE: Do not maximum of 1 lb. | SPECIFIC DIRECTIONS: App feeding is noticed. lettuce: Do not make more than leaves at harvest. On Leaf lettuce is per season. For all uses, do exceed a maximum of 2 lbs. of season. Aphids, Cabbage loopers, imported cabbageworms SPECIFIC DIRECTIONS: App feeding is noticed. ake more than 1 application per of active ingredient (i.e., 2 qts. Consperse stink bugs (Soil treatment) SPECIFIC DIRECTIONS: App ground around trees prior to be consperse stink bugs (Foliar treatment) NOTE: Stink bugs must be we trol. Pear rust mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear leaf blister mites SPECIFIC DIRECTIONS: App feeding is noticed. Pear psylia SPECIFIC DIRECTIONS: App vest or dormant treatment. Pear psylia SPECIFIC DIRECTIONS: App vest or dormant treatment. | a 2 applications per uce: Do not make not feed crop refu active ingredient (1.5 to 2 qts. per acre Diy when pests approver 1, per 100 gals. of water or 5 qts. per 200 to 400 gals. of water or 4 to 5 qts. per acre at by spray to obta 1 qt. per 100 gals. of water or 4 to 5 qts. per acre at by spray to obta 1 qt. per 100 gals. of water or 5 qts. per acre by when pests approver 1, per 1, | r season. more se to i.e., 4 21 pear or sed a son. 7 and 7 in con- 7 f 10 gals. water for served or s |

| Crop | Pests | Rate of Application | PHI (Days) |
|---------------------------------------|---|---|---------------|
| NOTE: Do not fee | ed cull fruits to animals or allow | livestock to graze | in |
| | Do not exceed a maximum of 2 | | |
| | cre per season. Aerial applicati | | |
| ground. | d should only be employed if in | ipossible to apply | бу |
| | tion, the use of a closed mixing | /loading system is | required. |
| | cation, the use of a closed cab i | | , oqui, ou |
| | last application to Pears (OR, \ | | When ap- |
| | closed cab airblast equipment i | | |
| | rs are permitted to use open ca | | |
| | are wearing chemical-resistant , baseline clothing plus organic | | |
| | shirt and long pants, chemical | | |
| | lus socks, and goggles or face | | |
| Peas, dry | Pea aphids, Pea weevils | 1 to 2 qts. | 5 |
| (except seed | | per acre | |
| crop) | SPECIFIC DIRECTIONS: App | oly when pests app | ear or |
| (Northwest | feeding is noticed. | | |
| Only) | | | |
| | | | |
| REI = 2 days | | | |
| NOTE: Use only | on Peas to be harvested by cor | mbine. Do not feed | treated |
| | js to livestock or allow livestock | | |
| | an 2 applications per season. | | naximum |
| | ingredient (i.e., 4 qts.) per acre | | 4 |
| Peppers | Flea beetles, Green peach aphids, Hornworms, Pepper | 1 to 2 qts. per acre | 4 |
| | maggots | per acre | |
| | SPECIFIC DIRECTIONS: App | lv when nests and | ear or |
| REI = 2 days | feeding is noticed. | ory which people app | oui oi |
| NOTE: Do not ma | ake more than 2 applications pe | er season. Do not | exceed a |
| | s. of active ingredient (i.e., 4 qts | | |
| Plums, Prunes | Peach tree borers | 1 to 1.5 qts. | 7 |
| | | per 100 gais. | |
| | | of water or 4 to | |
| | | 5 qts. per acre | |
| | SPECIFIC DIRECTIONS: Bes | | |
| REI = 2 days | single application post-harves September. Spray all bark are | | |
| NEI – 2 days | lower scaffold limbs. | ac nom ground to | . 0, 10 |
| | ow livestock to graze on orchar | | |
| | not exceed a maximum of 2.5 | lbs. of active ingre | dient |
| (i.e., 5 qts.) per a | | | |
| | cation, the use of a closed cab i tion, the use of a closed mixing | | roguirod |
| Potatoes | · | | 1 |
| Potatoes | Aphids, Armyworms, Colorado potato beetles, | 1 to 2 qts. per acre | 1 |
| | Green stink bugs, Leaf- | per acre | |
| | footed bugs, Plant bugs, | | |
| | Potato flea beetles, Potato | | |
| | leafhoppers, Potato | | |
| | tuberworms, Three-lined | | |
| | potato beetles | 45.5 | |
| | European corn borers, | 1.5 to 2 qts. | |
| | Potato psyllid | per acre | |
| | False chinch bugs, Whiteflies | 2 qts. per acre | Ì |
| DEL - 0 4- | SPECIFIC DIRECTIONS: App | olv when nests fire | appear |
| REI = 2 days | or feeding is noticed. | , pooto 1113 | . appour |
| NOTE: Do not ma | ake more than 4 applications pe | er season. Do not | exceed a |
| | a. of active ingredient (i.e., 4 qts | | |
| Pumpkins | Aphids, Cucumber beetles, | 1 to 2 qts. | 2 |
| • | Squash vine borers | per acre | |
| | SPECIFIC DIRECTIONS: App | | |
| | or feeding is noticed. For Squ | ash vine borer cor | itroi, |
| | | | aninnina |
| REI = 2 days | apply weekly to flower buds, s | stems and vines be | ·9······9 |
| | when moths first appear. | | |
| NOTE: For all us | when moths first appear. es, do not make more than 4 ap | oplications per sea | son. Do |
| NOTE: For all use not exceed a max | when moths first appear. | oplications per sea | son. Do |
| NOTE: For all us | when moths first appear. es, do not make more than 4 ap | oplications per sea ient (i.e., 4 qts.) pe | son. Do |

| Crop | Pests | Rate of Application | PHI (Days) |
|--|--|--|---|
| Strawberries | Meadow spittlebugs, | 1 qt. per | 4 |
| | Strawberry aphids, Tamished plant bugs | 100 gals, or 2 qts, per acre | |
| | SPECIFIC DIRECTIONS: Ap | | 50 gals. |
| | of water per acre. Apply when | n pests appear or f | eeding is |
| | noticed. Do not reapply within twice during a 35-day period | | |
| | Cyclamen mites | 2 qts. per acre | 4 |
| | | in 400 gals. of | |
| | SPECIFIC DIRECTIONS: Ap | water ply when pests apr | l Dear or |
| REI = 2 days | feeding is noticed. Thoroughle crown of the plant. For multip | y wet the foliage, s le applications, do | tem and not apply |
| | at intervals less than 35 days | | |
| | ake more than 2 applications po s. of active ingredient (i.e., 4 qts | | |
| | ation, the use of a closed mixing | | |
| Sweet corn | Corn earworms | 3 qts. per acre | 1 |
| (Fresh vegetable use | SPECIFIC DIRECTIONS: Ma when silks first appear. | ke a single applica | ition |
| only) | Corn leaf aphids | 2 qts. per acre | 1 |
| DEL = 17 dovo | SPECIFIC DIRECTIONS: Ap | | ear or |
| REI = 17 days | feeding is noticed. | | |
| | oply to Sweet corn to be proces e to livestock or allow livestock | | |
| Do not make mor | re than 1 application per seasor | n. Do not exceed 1 | |
| | (i.e., 3 qts.) per acre per seaso | | consisted |
| Sweet potatoes | ation, the use of a closed mixing Sweet potato flea beetles | 1 qt. per acre | 1 |
| | SPECIFIC DIRECTIONS: Beg | | <u></u> |
| | transplanting or as soon as F | | |
| | Banded cucumber beetle larvae (aids in control) | 2 to 4 qts. per acre broadcast | 1 |
| | (South Central States | or 0.66 to 1.33 | |
| | Only) | qts. per acre in a 16 inch band | |
| | | over the row | |
| | | (48 inch row | |
| | | ` | |
| | SPECIFIC DIRECTIONS: Wo | spacing) | death of |
| REI = 3 days | SPECIFIC DIRECTIONS: Wo approximately 3 inches makir prior to plant set. | rk into the soil to a | |
| • | | rk into the soil to a ig a single treatme | nt just |
| NOTE: Do not fe | approximately 3 inches makir prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat | rk into the soil to a ag a single treatme allow livestock to g ions per season. I | nt just raze in Do not |
| NOTE: Do not fe | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a | rk into the soil to a ag a single treatme allow livestock to g ions per season. I | nt just raze in Do not |
| NOTE: Do not fer treated fields: Do exceed a maximu season. For aerial applica | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient ution, the use of a closed mixing | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac /loading system is | raze in Do not re per |
| NOTE: Do not fer treated fields: Do exceed a maximus season. For aerial applica Tobacco | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient ation, the use of a closed mixing Budworms, Cabbage loop- | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac //loading system is | raze in Do not re per |
| NOTE: Do not fer treated fields: Do exceed a maximus season. For aerial applica Tobacco (IN, KY, OH, | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicatum of 2 lbs. of active ingredient tion, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac /loading system is Fletd: 1 to 2 qts. | nt just raze in Do not re per required. |
| NOTE: Do not fer treated fields: Do exceed a maximus season. For aerial applica Tobacco | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat m of 2 lbs. of active ingredient ation, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: App | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac lloading system is Fleid: 1 to 2 qts. per acre | raze in Do not re per required. |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat m of 2 lbs. of active ingredient atton, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac //loading system is Fleid: 1 to 2 qts. per acre oly when pests app | raze in Do not re per required. 5 |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient atton, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. Budworms, Cabbage loop- | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac /loading system is Fletd: 1 to 2 qts. per acre bly when pests app Seed Bed: | raze in Do not re per required. |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat m of 2 lbs. of active ingredient atton, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per act/loading system is Field: 1 to 2 qts. per acre by when pests approved by the per acre 1 qt. per 100 gals. of | raze in Do not re per required. 5 |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat m of 2 lbs. of active ingredient attion, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac //loading system is Fletd: 1 to 2 qts. per acre oly when pests app. Seed Bed: 1 qt. per 100 gals. of water | nt just raze in Do not re per required. 5 |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient atton, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Applied in the property of the peach aphids, Hornworms applications of the peach aphids, Hornworms applied in the peach aphids, Hornworms applied in the peach aphids, Hornworms applied in the peach | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac //loading system is Fleid: 1 to 2 qts. per acre by when pests app Seed Bed: 1 qt. per 100 gals. of water by about 6 gals. of | raze in Do not re per required. 5 |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient attion, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. SPECIFIC DIRECTIONS: Appleeding is noticed. | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac l/loading system is Field: 1 to 2 qts. per acre oly when pests app. Seed Bed: 1 qt. per 100 gals. of water oly about 6 gals. of when pests appear. | raze in Do not re per required. 5 |
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| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient attion, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. SPECIFIC DIRECTIONS: Appleeding is noticed. | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac //loading system is Fletd: 1 to 2 qts. per acre oby when pests app. Seed Bed: 1 qt. per 100 gals. of water oly about 6 gals. of when pests appear | raze in Do not re per required. 5 |
| NOTE: Do not fet treated fields: Do exceed a maximu season. For aerial applica Tobacco (IN, KY, OH, PA, TN, and | approximately 3 inches makin prior to plant set. ed cull potatoes to livestock or a not make more than 2 applicat um of 2 lbs. of active ingredient atton, the use of a closed mixing Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. Budworms, Cabbage loopers, Flea beetles, Green peach aphids, Hornworms SPECIFIC DIRECTIONS: Appleeding is noticed. SPECIFIC DIRECTIONS: Appleeding is noticed. Green June bug larvae | rk into the soil to a g a single treatme allow livestock to g ions per season. I (i.e., 4 qts.) per ac (/loading system is Fleid: 1 to 2 qts. per acre oly when pests app Seed Bed: 1 qt. per 100 gals. of water oly about 6 gals. of when pests appear 100 gals. of when pests appear 100 gals. of water 100 gals. of water 100 gals. of water | raze in Do not re per required. 5 finished or feed- 5 |
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NOTE: Do not make more than 2 applications per season. Do not exceed a maximum of 2 lbs. of active ingredient (i.e., 4 qts.) per acre per season.

(Continued)

| | | Rate of | PHI |
|---|---|--|--------|
| Crop | Pests | Application | (Days) |
| Tomatoes (Field & Greenhouse) REI = 2 days | Blister beetles, Colorado potato beetles, Flea bee- tles, Green peach aphids, Tomato hornworms | 1 to 2 qts. per acre | 2 |
| | Tomato fruitworms, Tomato russet mites, Yellowstriped armyworms | 2 qts. per acre | |
| | Cabbage loopers, Stink bugs | 2 qts. per acre | |
| | Whiteflies | 1 qt. per 100 to 200 gals. of water per acre | |
| | SPECIFIC DIRECTIONS: Apply when pests appear or feeding is noticed. | | |
| | nake more than 4 applications pos. of active ingredient (i.e., 4 qts | | |

COMMERCIALLY GROWN ORNAMENTALS GROWN OUTDOORS IN NURSERIES ONLY

Ornamental Trees and Shrubs (REI = 2 days)

Use Restriction: Do not apply more than 2.5 lbs. a.i. (5 qts. of this product) per

| Crop | Pests | Rate of Application | |
|---|---|----------------------------|--|
| Box elder | Box elder bugs | 1 qt. per 100 | |
| | _ | gals, of water | |
| | i | (2 tsps. per gal.) | |
| | SPECIFIC DIRECTIONS: Spray foliage and truni | | |
| | when insects first appear. Repeat as required in | | |
| | late Summer or Fall, Spra | | |
| | walls, fences and other pla | | |
| | gate. | | |
| | uch as spoons müst not be | | |
| | pesticides. Do not exceed a | maximum of 3 lbs. of | |
| active ingredient (i.e., 6 | qts.) per acre per year. | | |
| Dogwood, Lilac | Dogwood borers, Lilac | 1 qt. per 100 | |
| | borers | gals. of water | |
| | SPECIFIC DIRECTIONS: Apply in early June and | | |
| | repeat in 10 to 14 days. Drench all bark areas | | |
| | down to the ground level. | | |
| NOTE: Do not exceed | a maximum of 3 lbs. of activ | e ingredient (i.e., 6 ats | |
| per acre per year. | | • ((. | |
| Pines (Austrian, Jack, | Zimmerman pine moths | 1 qt. per 100 | |
| Red, Scotch, White) | | gals. of water | |
| | SPECIFIC DIRECTIONS: Apply in mid-April and | | |
| | again, if necessary, in late Fall. Thoroughly wet | | |
| | bark and main stem, especially where branches | | |
| | join the main stem. | | |
| NOTE: Do not exceed a per acre per year. | a maximum of 3 lbs. of activ | e ingredient (i.e., 6 qts. | |
| Spruce | Spruce gall aphids | 1 gt. per 100 | |
| (New England Area | | gals. of water | |
| Only) | SPECIFIC DIRECTIONS: Apply in late April or | | |
| | early May when Aphids are present but before | | |
| | galls are formed. | | |
| NOTE: Do not exceed | a maximum of 3 lbs. of activ | e ingredient (i.e., 6 ats. | |
| per acre per year. | | | |
| Taxus | Taxus bud mites | 1 qt. per 100 | |
| | | gals, of water | |
| | SPECIFIC DIRECTIONS: Make 3 to 5 application | | |
| | begining in mid-May. Thoroughly spray foliage, | | |
| | twigs and bark. | | |
| NOTE: Do not evened | a maximum of 3 lbs. of activ | o Ingradient (i.e. 6 etc. | |

STORAGE AND

POSAL

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

PESTICIDE STORAGE: Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

- Contain spill, absorb with a material such as sawdust, clay granules or dirt.
- 2. Collect and place in suitable containers for disposal.
- 3. Wash area with soap and water to remove remaining pesticide.
- 4. Follow washing with soap and water to remove remaining pesticide.
- Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
- 6. Do not allow runoff to enter sewer.
- 7. Dispose of waste as indicated below:

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):

Nonrefiliable 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

Nonrefiliable 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. 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.

Refiliable Containers:

Refillable container. Refill this container with this product 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—COND. JNS 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 of or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

