

Zeneca**AMBUSH® 25W****INSECTICIDE****WETTABLE POWDER****RESTRICTED USE PESTICIDE****Due to Toxicity to Fish and Aquatic Organisms**

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.

ACTIVE INGREDIENT

Permethrin

(3-Phenoxyphenyl)methyl(±)-*cis, trans*-3-

(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate* 25.0%

INERT INGREDIENTS: 75.0%**TOTAL** 100.0%**Cis/trans* ratio: Min. 35% (±) *cis* and max 65% (±) *trans*.

EPA Reg. No. 10182-35

**KEEP OUT OF REACH OF CHILDREN
WARNING—AVISO**

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.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with water for 15 minutes. Get medical attention if irritation persists.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL
1-800-F-A-S-T-M-E-D (327-8633).**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,
call CHEMTREC, 1-800-424-9300**

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING**

MAY CAUSE EYE IRRITATION. HARMFUL IF SWALLOWED. Do not get in eyes, on skin, or on clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

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

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

User Safety Recommendations

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty container.

Storage: Mix as needed. Do not store diluted material. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep up and remove to chemical waste area.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INSTRUCTIONS

Apply AMBUSH® 25W insecticide as shown in “DIRECTIONS FOR APPLICATION.” Use sufficient water to obtain full coverage of foliage. Timing and frequency of applications should be based upon insect populations reaching economic thresholds. The higher rates may be required under conditions of heavy infestation. Do not apply more than 2.0 pounds active ingredient per acre per season. Crops in this label may be planted immediately after last treatment. Do not plant other crops within 60 days after last application. Any other crop may be planted if it is not harvested or grazed.

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or State agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

CHEMIGATION**SPRINKLER IRRIGATION APPLICATION**

Apply AMBUSH 25W insecticide at rates and timing described elsewhere in this label. Apply with center pivot or continuous-move equipment distributing ½ acre-inch or less during treatment. If stationary (solid sets, handlines, or wheel lines other than continuous-move) are used, AMBUSH 25W insecticide should be injected into no more than the last 20 to 30 minutes of the set. Do not apply when winds are greater than 10 to 15 mph to avoid drifts or wind skips. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.

USE PRECAUTIONS—SPRINKLER IRRIGATION APPLICATION

- A. Apply this product only through sprinkler (including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- F. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Do not apply through chemigation systems connected to public water systems.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
COLE CROPS—Brassica Leafy Vegetables			
Broccoli	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre.

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
			Use sufficient water to obtain full coverage of foliage. Apply every 5 days or as needed. Do not apply more than 0.8 pound active ingredient per acre per season. Do not apply within 1 day of harvest.
Brussels Sprouts	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply as needed. Do not apply more than 0.8 lb. ai per acre per season. Do not apply within 1 day of harvest.
Cabbage	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.2 (3.2 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply every 5 to 10 days or as needed. Do not apply more than 1.0 lb. ai per acre per season. Do not apply within 1 day of harvest.
Cauliflower	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply every 5 days or as needed. Do not apply more than 0.8 lb. ai per acre per season. Do not apply within 1 day of harvest.
Chinese Broccoli ^b (gai lon, white flowering)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply every 5 days or as needed. Do not apply more than 0.8 lb. ai per acre per season. Do not apply within 1 day of harvest.
Chinese Cabbage (Tight-heading varieties only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.2 (3.2 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply every 5 to 10 days or as needed. Do not apply more than 1.0 lb. ai per acre per season. Do not apply within 1 day of harvest.
Collards (AR, AZ, GA, IL, NC, OK, SC & TX only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by ground equipment only. Apply in a minimum of 10 gallons of water per acre. Spray using sufficient water to obtain uniform coverage. Apply as needed. Do not exceed 8 applications. Do not apply within 1 day of harvest.
CUCURBIT VEGETABLES			

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
Cucurbit Vegetables [†]	Leafminer and Squash Bug	0.2 (12.8)	Apply by air or ground equipment. Apply a minimum of 4 gallons of finished spray per acre by air or 20 gallons of finished spray per acre with ground equipment. Do not apply more than 1.6 pounds active ingredient per acre per season. AMBUSH 25W insecticide may be applied up to harvest.
	Cabbage Looper Cucumber Beetle (adult) Cutworm Melon Worm Pickleworm Plant Bug (including Lygus and Stink Bug) Rindworm Squash Vine Borer	0.1 to 0.2 (6.4 to 12.8)	
FRUITING VEGETABLES			
Eggplant	Colorado Potato Beetle	0.2 (12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 2.0 lbs. ai per acre per season. Do not apply within 3 days of harvest.
	Vegetable Leafminer Cabbage Looper Flea Beetle	0.1 to 0.2 (6.4 to 12.8)	
Peppers (Bell)	Vegetable Leafminer Cabbage Looper Flea Beetle Pepper Weevil	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 1.6 lbs. ai per acre per season. Do not apply within 3 days of harvest.
	European Corn Borer	0.2 (12.8)	
Tomatoes	Tomato Fruitworm Cabbage Looper Tomato Pinworm Vegetable Leafminer Beet Armyworm Southern Armyworm Colorado Potato Beetle Granulate Cutworm Hornworm	0.05 to 0.2 (3.2 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Do not apply more than 1.2 lbs. ai per acre per crop season. Can be applied up to the day of harvest. Do not apply as a band. Do not use on tomato varieties in which the mature tomatoes will be less than 1 inch in diameter (such as cherry tomatoes).
LEAFY VEGETABLES			
Leafy Vegetables* (Except Brassica)	Vegetable Leafminer Cabbage Looper Cutworm Complex Fall Armyworm Beet Armyworm Corn Earworm Green Cloverworm Leafhoppers European Corn Borer	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply every 3 to 5 days as needed. Do not apply more than 2.0 lbs. ai per acre per season. Can be applied up to 1 day of harvest. Spinach only—Do not apply more than 1.0 lb. ai per acre per season.

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
ROOT, TUBER AND BULB VEGETABLES			
Onions (Dry Bulb and Garlic)	Onion Thrips Armyworm	0.15 to 0.3 (9.6 to 19.2)	Apply by air or ground equipment. Apply in a minimum of 20 gallons of water per acre with ground equipment or in a minimum of 6 gallons per acre by air as foliar spray. Begin applications when pests appear and repeat as necessary to maintain control. Use the higher label rates as onion thrips population increases and avoid rescue situations. Do not apply more than 2.0 lbs. ai per acre per season. Do not apply within 1 day of harvest.
	Cutworm Leafminer Onion Maggot (adult) Stink Bug	0.1 to 0.3 (6.4 to 19.2)	
Potatoes	Colorado Potato Beetle Potato Leafhopper Aster Leafhopper Potato Flea Beetle Potato Aphid Potato Tuberworm Potato Psyllid Cabbage Looper	0.05 to 0.2 (3.2 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply as needed. Do not apply more than 1.6 lbs. ai per acre per season. Can be applied up to 14 days prior to harvest.
Turnips (FL, GA, IL, IN, OK, SC, TX, WA only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid ^a	0.05 to 0.1 (3.2 to 6.4)	Apply by ground equipment only. Apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply as needed. Do not apply within 1 day of harvest. Do not graze treated areas or feed crop refuse to livestock.
(TX, OK, IL, IN only)			Do not exceed 8 applications.
(SC, GA, FL, WA only)			Do not exceed 4 applications.
CEREAL GRAINS			
Field Corn/ Popcorn/ Field Corn Grown for Seed (Preemer- gent use)**	Armyworm Cutworm	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Apply in the time period from 5 days prior to planting up to emergence of the crop.
Field Corn/ Popcorn/ Field Corn Grown for Seed (Foliar use)**	Cutworm European Corn Borer Armyworm Southwestern Corn Borer Flea Beetle Corn Earworm*** Corn Rootworm Beetle*** Tobacco Budworm***	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Do not apply more than 0.6 lb. ai per acre per season. Allow a minimum of 6 days between treatments. Do not apply within 30 days of harvest of grain or fodder (stover). Forage may be harvested on the day of application.

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
	Stalk Borer	0.1 to 0.2 (6.4 to 12.8)	When treating for stalk borer, AMBUSH 25W insecticide must be applied when or shortly before the stalk borer larvae are moving into the corn from surrounding weeds and grasses. Mowing or burndown herbicide is suggested to initiate movement. **
Sweet Corn	Corn Earworm European Corn Borer Fall Armyworm Corn Rootworm (adult) Cutworm Aster Leafhopper Flea Beetle ^b	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Apply every 5 days or as needed. Do not apply more than 1.2 lbs. ai per acre per season. Do not apply within 1 day of harvest of ears or forage or livestock grazing. AMBUSH 25W insecticide may be mixed with Lannate [®] (methomyl) in accordance with label limitations and precautions. Label dosage rates should not be exceeded.
Sweet Corn (Florida only)	Corn Earworm European Corn Borer Fall Armyworm Southern Armyworm Corn Rootworm (adult) Cutworm Aster Leafhopper	0.1 to 0.25 (6.4 to 16.0)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Apply every 5 days or as needed. Do not apply more than 2.0 lbs. ai per acre per crop season. AMBUSH 25W insecticide may be mixed with Lannate (methomyl) in accordance with label limitations and precautions. Label dosage rates should not be exceeded.
TREE CROPS			
Almonds	Navel Orangeworm Peach Twig Borer	0.2 to 0.4 (12.8 to 25.6)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain uniform coverage. Can be applied up to 7 days before harvest. Do not apply more than 2.0 lbs. ai per acre per season. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Apples	Apple Aphid Redbanded Leafroller Obliquebanded Leafroller Plum Curculio White Apple Leafhopper Spotted Tentiform Leafminer Tarnished Plant Bug	0.1 to 0.4 (6.4 to 25.6)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Spray to wet all foliage. Do not apply after petal fall.
Avocados	Thrips Leafhopper Mirid Bug Lepidopterous Larvae	0.2 (12.8)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Spray to wet all foliage. Apply when insects appear and repeat at 7- to 10-day intervals as needed to provide control. Do not make more than 6 applications per season. Do not apply within 7 days of harvest.

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
			Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Cherries	Lesser Peachtree Borer Rose Chafer Green Fruitworm Redbanded Leafroller Plum Curculio Tarnished Plant Bug	0.1 to 0.2 (6.4 to 12.8)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Apply when insects appear. In the east, do not exceed 6 applications per season, with no more than 4 applications after petal fall. In the west, do not apply more than 4 applications per season, with no more than 3 applications after petal fall. Do not apply within 3 days of harvest. Do not graze livestock in treated orchards. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Filberts	Filbertworm Obliquebanded Leafroller	0.2 to 0.4 (12.8 to 25.6)	Apply by air or ground equipment. By air, apply in a minimum of 10 gallons of water per acre. By ground, apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply when insects appear. Do not apply more than 1.6 lbs. ai per acre per season. Do not apply within 14 days of harvest. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Papaya (Florida only)	Fruit Fly	0.1 (6.4)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Spray to wet all foliage. Apply when insects appear and repeat at 7- to 10-day intervals as needed to provide control. Do not make more than 6 applications per season. Do not apply within 7 days of harvest. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Peaches	Peach Twig Borer Oriental Fruit Moth Green Fruitworm Lesser Peachtree Borer Plum Curculio Tarnished Plant Bug Rose Chafer	0.1 to 0.3 (6.4 to 19.2)	Apply by air or ground equipment. By air, apply in a minimum of 10 gallons of water per acre. By ground, apply in a minimum of 25 gallons of water per acre. Spray to wet all foliage. Can be applied up to 14 days before harvest. Do not apply more than 1.5 lbs. ai per acre per season. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Pears (Dormant)	Pear Psylla	0.2 to 0.4 (12.8 to 25.6)	Apply by air or ground equipment. By air, apply in a minimum of 10 gallons of water per acre. By ground, apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply at a rate of 0.8 to 1.6 pints (0.2 to 0.4 lbs. ai) per acre. May be combined with 2 to 8 gallons of spray oil per acre. Apply

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
			during the dormant through delayed dormant growth periods only. Do not apply more than 0.8 lb. ai per acre per season. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Pears (Pre-Bloom)	Pear Psylla Codling Moth Green Fruitworm	0.2 to 0.4 (12.8 to 25.6)	Apply by air or ground equipment. By air, apply in a minimum of 10 gallons of water per acre. By ground, apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply 2 pre-bloom sprays. Pre-bloom sprays can be applied from dormant through bud burst stages. Do not apply more than 0.8 lb. ai per acre per season. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Pistachios	Peach Twig Borer Navel Orangeworm Chinch Bug	0.2 to 0.4 (12.8 to 25.6)	Apply by ground equipment only. Apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain full coverage of foliage. Apply at a rate of 0.8 to 1.6 pints (0.2-0.4 lb. ai) per acre. Do not apply more than 0.8 lb. ai per acre per season. Do not apply after 10 percent hull split. Nuts may be harvested on the day of application. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
Walnuts	Navel Orangeworm Codling Moth Walnut Husk Fly	0.2 to 0.4 (12.8 to 25.6)	Apply by air or ground equipment. By air, apply in a minimum of 10 gallons of water per acre. By ground, apply in a minimum of 25 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply when insects appear. Do not apply more than 1.6 lbs. ai per acre per season. Do not apply within 1 day of harvest. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock.
OTHER CROPS			
Alfalfa, Alfalfa grown for seed	Alfalfa Caterpillar Armyworm Cutworm Looper Webworm Potato Leafhopper Blue Alfalfa Aphid ^e Green Peach Aphid Pea Aphid ^e Green Cloverworm Spotted Alfalfa Aphid Velvetbean Caterpillar	0.05 to 0.2 (3.2 to 12.8)	Apply by air or ground equipment. Use higher recommended dosage for increased pest pressure or for increased residual pest control. Apply in a minimum of 2 gallons of finished spray per acre by aircraft or 10 gallons of finished spray per acre with ground equipment. Use higher gallonage, 5 to 10 gallons by air, or 20 by ground, finished spray per acre when foliage is

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
	Alfalfa Weevil ^e Egyptian Alfalfa Weevil ^e Cucumber Beetle Meadow Spittlebug Plant Bug including <i>Lygus</i> spp. ^e Stink Bug	0.1 to 0.2 (6.4 to 12.8)	dense and/or when pest populations are high. Do not apply more than 0.2 pound ai per cutting. When rates of 0.1 pound ai per acre or less are used, application may be made on day of harvest. When rates greater than 0.1 pound ai active per acre are used, do not apply within 14 days of harvest. Avoid application when bees are actively foraging by applying during the early morning or during the evening hours.
Artichokes	Artichoke Plume Moth	0.1 to 0.3 (6.4 to 19.2)	Apply by ground equipment only. Apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 1.5 lbs. ai per acre per season. Buds may be harvested on the day of application.
Asparagus	Cutworm Complex Asparagus Beetle	0.05 to 0.1 (3.2 to 6.4)	Apply by ground equipment only. Apply in a minimum of 10 gallons of water per acre. Use sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 0.4 lb. ai per acre per season. Do not apply within 1 day of harvest.
Mushrooms (Mushroom houses and adjacent premise areas)	Mushroom Flies (Sciarid and Phorid adults)	Apply 6 oz. ^c to 11 gal. water or 8 level tablespoons to 3 gal. water. As a guide, use 1 gal. spray per 750 sq. ft. (400-1,400 sq. ft.)	Spray directly to walls and ceilings as residual surface treatment only. Spray to point of runoff. Use AMBUSH 25W insecticide prior to filling house, during cooldown, during spawning, up to pinning, and between breaks. Do not use when mushrooms are present. Treat as needed when flies appear. Do not make more than 20 applications prior to pinning of first break; apply no more than 2 applications between each break. Do not apply more than 30 applications total per crop of 5 breaks. Do not apply within 3 days of harvest.
Soybeans	Green Cloverworm Mexican Bean Beetle Bean Leaf Beetle Cabbage Looper Potato Leafhopper Velvetbean Caterpillar Saltmarsh Caterpillar	0.05 to 0.1 (3.2 to 6.4)	Apply by air or ground equipment. By air, apply in a minimum of 2 gallons of water per acre. By ground, apply in a minimum of 10 gallons of water per acre. Do not apply more than 0.4 lb. ai per acre per season. Can be applied up to 60 days before harvest. Do not graze treated areas or harvest for foliage or hay.
	Corn Earworm Beet Armyworm Japanese Beetle*** Soybean Looper ^d	0.1 to 0.2 (6.4 to 12.8)	
ORNAMENTALS			
Asparagus Fern	Japanese Beetle Asparagus Beetle Lygus Bug	0.1 (6.4)	Apply to the fern stage of the asparagus plant after spear harvest when larval and adult stage of the asparagus beetle, lygus bugs, and the adult stage of the Japanese beetle are present.

Crop	Target Pests	Rate Lbs. ai/A (Oz./A)	Remarks
Christmas Trees ^b (Container and field grown)	Nantucket Pine Tip Moth	0.1 to 0.2 (6.4 to 12.8)	Apply first application when adults appear and repeat at 5- to 7-day intervals or as needed throughout the season. Use sufficient water to obtain full coverage of foliage.
Chrysanthemums (Florida only)	Vegetable Leafminer	0.1 to 0.2 (6.4 to 12.8)	Apply by ground.
Conifers ^b (Container and field grown)	Nantucket Pine Tip Moth	0.1 to 0.2 (6.4 to 12.8)	Apply first application when adults appear and repeat at 5- to 7-day intervals or as needed throughout the season. Use sufficient water to obtain full coverage of foliage.
Ornamentals Nursery Stock ^b (Field grown)	Beet Armyworm Cabbage Looper Citrus Thrips <i>Heliothis</i> spp. Leafhopper Leafminer Whitefly Cutworm	0.1 to 0.2 (lbs. ai/100 gal.)	Marginal leaf burn may occur on Salvia, Dieffenbachia, and Pteris Fern. Application to blooming plants may cause browning of petals. Not all species and varieties have been tested. Before treating large numbers of plants of a particular variety, treat a few plants and observe prior to full-scale application. Apply to nonbearing plants of fruiting species.
Roses ^b (Field grown)	<i>Heliothis</i> spp.	0.1 to 0.2 (6.4 to 12.8)	Apply by air or ground equipment. Apply in a minimum of 2 gallons per acre by air in 10 gallons of finished spray per acre with ground equipment.
Roses ^b (Greenhouse)	Beet Armyworm Cabbage Looper Omnivorous Leafroller	8 fl. oz./100 gals. water	AMBUSH 25W insecticide is not phytotoxic to the following varieties of greenhouse roses: Ballena, Bettina, Cara Mia, Coquette, Excitement, Forever Yours, G. Wave, Jack Frost, Jr. Bridesmaid, Matador, Paul's Pink, Samantha, Seventeen, Town Crier, Tropicana, and Visa. Other varieties may vary in their sensitivity to AMBUSH 25W insecticide, and a small number of plants should be treated under local conditions to determine plant safety prior to commercial use.

NOTE: Do not tank mix AMBUSH 25W insecticide with Bicep®, GRAMOXONE® SUPER herbicide/GRAMOXONE® EXTRA herbicide.

*LEAFY VEGETABLES (Except Brassica): Amaranth (leafy amaranth, Chinese spinach, tampala); arugula (Roquette); Cardoon; celery; Chinese celery; celtuce; chervil; corn salad; chrysanthemum, edible-leaved; chrysanthemum, garland; cress, garden; cress, upland (yellow rocket, winter cress); dandelion; dock (sorrel); endive (escarole); fennel, Florence; lettuce (head and leaf); orach; parsley; purslane, garden; purslane, winter; radicchio (red chicory); rhubarb; spinach; spinach, vine (Malabar spinach, Indian spinach); spinach, New Zealand; Swiss chard.

†CUCURBIT VEGETABLES: Chayote (fruit); Chinese Waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourds, edible (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelons, including hybrids such as true cantaloupe, cantaloupe, casaba, crenshaw, golden pershaw melon, honeydew melons, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon; pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), and winter (butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon, including hybrids.

** AMBUSH 25W insecticide may be applied in tank mixtures with the following herbicides in accordance with label limitations and precautions. Label dosage rates should not be exceeded. Lasso®/Atrazine Premix; Lasso 4E & ME; Dual® 8E; Atrazine 4L & 80W; Bladex® 80W & 4L; Princep®; Princep® Caliber 90®; 2,4-D; Roundup®, Bronco®, Banvel®, Extrazine®.

*** Not for control of this insect in California.

^aAids in suppression.

^bCurrently not registered for use in California.

^c1 ounce of this powder equals 5 level teaspoons.

^dMaximum use rate in California is 0.1 pound active ingredient per acre.

^eUnder heavy insect pressure, use 0.2 pound active ingredient per acre. A second application of alternate chemistry may be necessary to reduce populations below economic thresholds.

RATE CONVERSION CHART

Pounds Active Ingredient/Acre	Formulation Ounces/Acre	Formulation Pounds/Acre
0.05	3.2	0.2
0.10	6.4	0.4
0.125	8.0	0.5
0.15	9.6	0.6
0.175	11.2	0.7
0.20	12.8	0.8

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