

Reg # 10182-110

PM-13

179

NOT REVIEWED
in accordance with PR Notice 82-2.
Based on dir. labeling dated 11/27/90

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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. Wash thoroughly after handling.

Statement of Practical Treatment

IF IN EYE: Flush eyes with plenty of water. 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 ASSISTANCE, CALL (800) F-A-S-T-M-E-D (327-6633).
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident Call CHEMTREC: 1-800-424-9300.

For other product information, contact your local ICI Americas Distributor or see Material Safety Data Sheet.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not apply when weather conditions favorable for runoff from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply this product or contaminate water when disposing of equipment washwaters.

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.

129C-14

RESTRICTED USE PESTICIDE. This is for and restricted to persons. For other uses to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses approved by the Certified Applicator's certification.



**Keep Out of Reach of Children
WARNING**

See Side Panel For Additional Precautionary Statements and Statement of Practical Treatment

AVISO - PRECAUCION AL USUARIO:
Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

ACTIVE INGREDIENT	
Permethrin	
(3-Phenocyclohexylmethyl (2) (2,4,6-tri-2,2-dichloroethoxy)-2,2-dimethylcyclopropanecarboxylate)	26.0%
INERT INGREDIENTS	74.0%
TOTAL	100.0%

*Concentration: Min. 35% (21.00) and max. 65% (21.00)

EPA Reg. No. 10102-110
EPA Est. No. 33-67-NJ-1
US Patent No. 4,024,182



Net Weight: 2 POUNDS
Made in U.S.A.
Agricultural Products
ICI Americas Inc.
Wilmington, Delaware 19897



Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to attached booklet for directions for use. This labeling must be in the possession of the user at the time of pesticide application. Do not apply this product through any type of irrigation system.

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. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep up and remove to chemical waste area. Keep water soluble pack in original foil bag and store in a cool dry place. Do not store below 32°F. Handle carefully when stored at temperatures less than 50°F to avoid breakage of pack.
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: When all packs are used, dispose of foil bags in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.
CONDITIONS OF SALE AND LIMITED WARRANTY:
The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, pest resistance or other unintended consequences may result because of such factors as timing and method of application, weather and usage conditions, mixture with other chemicals, and other factors not mentioned or other conditions not mentioned in the use of this product, all of which are beyond the control of Seller. All such risk shall be assumed by Buyer and Seller, and Buyer and User agree to hold Seller harmless for any claims resulting from such factors.
Seller warrants that the product conforms to the chemical description on the label and to the net weight or net volume stated on the label, subject to the inherent risks referred to above, which shall in no way constitute a warranty under any circumstances of use. This warranty does not extend to the use of the product in violation of the instructions, or under abnormal conditions of storage, handling and application, or to the use of the product in violation of the label and the instructions. This warranty shall be void if the product is used in violation of the label and the instructions. **SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.** When Buyer or User gives leaves or droppings resulting from the use or handling of the product, including claims based on animal, vegetable, or fish or other uses, Seller, Buyer or User must promptly notify in writing. Seller or User will be held liable in respect of the use of the product only if the claim is filed in writing within 90 days of the date of purchase of the product. **THE EXCLUSIVE REMEDY OF BUYER OR USER AND THE LIMIT OF LIABILITY of Seller shall be, at the election of Seller, refund of the purchase price and/or replacement of a quantity of product.** **SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE PURCHASE PRICE.**
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5-16-91

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Based on draft labelling dated 11/27/90

RATE CONVERSION CHART

Pounds Active/Acre	Formulation Ounce/Acre	Formulation Lbs/Acre
0.15	3.2	0.2
0.10	6.4	0.4
0.05	9.6	0.6
0.15	16	1.0
0.10	24	1.7
0.20	32	2.0

RESTRICTED USE PESTICIDE.
Toxic 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.



COMPLETE DIRECTIONS FOR USE AND USE PRECAUTIONS

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY: The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. 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 and Buyer and User assumes the risk of any such use. **SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.**

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. **THE EXCLUSIVE REMEDY OF BUYER OR USER AND THE LIMIT OF LIABILITY OF SELLER WILL BE, AT THE ELECTION OF SELLER, REFUND OF THE PURCHASE PRICE FOR PRODUCT BOUGHT, OR REPLACEMENT OF AMOUNT OF PRODUCT USED. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.**

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ICI Agricultural Products
ICI Americas Inc.
Wilmington, Delaware 19887

EPA Reg. No. 10182-110 01-0804-172R3
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Keep Out of Reach of Children

WARNING

AVISO - PRECAUCION AL USUARIO:
Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente

ACTIVE INGREDIENT	
Permethrin	
(3-Phenoxyphenyl) methyl (+) cis	
trans-3 (2,2-dichloroethenyl)-	
2,2-dimethylcyclopropane-	
carboxylate*	25.0%
INERT INGREDIENTS	75.0%
TOTAL	100.0%

*Cis/trans ratio: Min 35% (+) cis and max 65% (+) trans

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. 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.

For other product information, contact your local ICI Americas Distributor or see Material Safety Data Sheet.

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. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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. Do not apply this product or contaminate water when disposing of equipment washwaters.

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.

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 through any type of irrigation system

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 on insect populations reaching economic thresholds. The higher rates may be required

under conditions of heavy infestation. Do not apply more than 12 lbs. per acre per season (3 lbs. ai/acre). 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.

MIXING INSTRUCTIONS

AMBUSH 25W insecticide is intended for dilution with water for spray application. Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep AMBUSH 25W insecticide thoroughly mixed. Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

Fill spray tank ¼ to ½ full of water. With the agitator running, drop the required number of unopened soluble packs of AMBUSH 25W insecticide into the tank. Continue agitation while adding the remainder of the water. Do not use this product with oil.

REENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information

WARNING

Area treated with AMBUSH 25W insecticide on (insert date). Do not enter without appropriate protective clothing until sprays have dried (if more restrictive, insert State Department of Agriculture reentry interval)

In case of accidental exposure to pesticide spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. Get medical attention if needed

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs ai/A (oz/A)	Remarks
Alfalfa	Alfalfa Caterpillar Armyworms. Cutworms. Loopers. Webworms. Potato Leafhopper. [†] Blue Alfalfa Aphid. [‡] Green Peach Aphid. Pea Aphid. [‡] Green Cloverworm. Spotted Alfalfa Aphid. Velvetbean Caterpillar Alfalfa Weevil. [‡] Egyptian Alfalfa Weevil. [‡] Cucumber Beetle. Meadow Spittlebug. Plant Bugs including Lygus spp. [‡] Stink Bugs	0.05-0.2 (3.2-12.8) 0.1-0.2 (6.4-12.8)	Use higher recommended dose for increased pest pressure or for increased residual pest control. Apply in a minimum of 1 gallon of finished spray per acre by aircraft or 10 gallons of finished spray per acre with ground equipment. Use higher gallonage, 5-10 gallons by air, or 20 by ground finish spray per acre when foliage is dense and/or when pest populations are high. Do not apply more than 0.2 pound active per cutting. When rates 0.1 pound active per acre or less are used, application may be made on day of harvest. When rates greater than 0.1 pound active per acre are used, do not apply within 14 days of harvest. Avoid application when honey bees are actively foraging by applying during the early morning or during the evening hours.
Almonds	Navel Orangeworm Peach Twig Borer	0.2-0.4 (12.8-25.6)	Apply by ground equipment using sufficient water to obtain uniform coverage. Can be applied up to 7 days before harvest. Do not apply more than 2.0 lbs a.i. per acre per season. Do not graze livestock in treated orchards.
Apples	Apple Aphid Redbanded Leafroller Oblique-banded Leafroller Plum Curculio. White Apple Leafhopper Spotted Tentiform Leafminer Tarnished Plant Bug	0.1-0.4 (6.4-25.6)	Apply by ground equipment only, using 25-400 gallons of spray per acre. Spray to wet all foliage. Do not apply after petal fall.
Artichokes	Artichoke Plume Moth	0.1-0.3 (6.4-19.2)	Apply by ground equipment using sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 1.5 lbs. a.i. per acre per season. Buds may be harvested on the day of application.
Asparagus	Cutworm Complex Asparagus Beetle	0.05-0.1 (3.2-6.4)	Apply by ground equipment using sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 0.4 lbs. a.i. per acre per season. Do not apply within 3 days of harvest.

[†] Under heavy insect pressure use 0.2 lbs. a.i. A second application of alternate chemistry may be necessary to reduce populations below economic thresholds.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs ai/A (oz/A)	Remarks
Asparagus Ferns	Japanese Beetle. Asparagus Beetle. Lygus Bugs	0.1 (6.4)	Apply to the fern stage of the asparagus plant after spearharvest when larval and adult stage of the asparagus beetle, Lygus bugs and the adult stage of the Japanese beetle are present.
Avocados	Thrips. Leafhoppers. Mind bugs. larvae	0.2 (12.8) † 12.8 oz / 100 gal	Apply by ground equipment. Spray to wet all foliage. Apply when insects appear and repeat at 7-10 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.
Cantaloupes (Refer to Cucurbit Vegetables for application directions)			
Celery (Refer to Leafy Vegetables for application directions)			
Cherries †	Lesser Peach Tree Borer. Rose Chafer. Green Fruitworm. Redbanded Leafroller. Plum Curculio. Tarnished Plant Bug	lbs ai / 100 gal 0.025-0.05 (1.6-3.2)	Do not exceed 400 gallons 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 feed forage to livestock.
Christmas Trees † (Container and Field Grown)	Nantucket Pine Tip Moth	0.1-0.2 (6.4-12.8)	Apply first application when adults appear and repeat at 5-7 day intervals or as needed throughout the season. Use sufficient water to obtain full coverage of foliage.
Chrysanthemums (Florida only)	Vegetable Leafminer	0.1-0.2 (6.4-12.8)	Apply by ground

[†] Currently not registered for use in California.

[‡] See page 26 for additional information.

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DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
COLE CROPS Broccoli	Cabbage Looper, Imported Cabbageworm, Diamondback Moth, ^b Cabbage Aphid ^a	0.05-0.1 (3.2-6.4)	Apply every 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 0.8 lbs. a.i. per acre per season. Do not apply within 1 day of harvest.
Brussels Sprouts	Cabbage Looper, Imported Cabbageworm, Diamondback Moth, ^b Cabbage Aphid ^a	0.05-0.1 (3.2-6.4)	Apply as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 0.8 lbs. a.i. per acre per season. Do not apply within 1 day of harvest.
Cabbage	Cabbage Looper, Imported Cabbageworm, Diamondback Moth Cabbage Aphid ^a	0.05-0.2 (3.2-12.8)	Apply every 5-10 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 1.0 lb. a.i. per acre per season. Do not apply within 1 day of harvest.
Cauliflower	Cabbage Looper, Imported Cabbageworm, Diamondback Moth, Cabbage Aphid ^a	0.05-0.1 (3.2-6.4)	Apply every 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 0.8 lbs. a.i. per acre per season. Do not apply within 1 day of harvest.
Chinese Broccoli † (Gai lan, white flowering)	Cabbage Looper, Imported Cabbageworm, Diamondback Moth Cabbage Aphid ^a	0.05-0.1 (3.2-6.4)	Apply every 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 0.8 lbs. a.i. 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	0.05-0.2 (3.2-12.8)	Apply every 5-10 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 1.0 lb. a.i. per acre per season. Do not apply within 1 day of harvest.
Conifers † (Container and Field Grown)	Nantucket Pine Tip Moth	0.1-0.2 (4-12.8)	Apply first application when adults appear and repeat at 5-7 day intervals or as needed throughout the season. Use sufficient water to obtain full coverage.

^a Aids in suppression.
^b Currently not registered for use in California.
^c In areas infested with resistant insects the highest use rate will provide suppression only. In this situation, due to pyrethroid cross resistance, a second application of an alternate chemistry may be needed.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Cotton	Bollworm, Tobacco Budworm, Pink Bollworm, Lygus Bugs, Cabbage Looper, Cotton Leafperforator, Beet Weevil, Cotton Fleahopper, Saltmarsh Caterpillar, Whitefly, ^c Cotton Aphid, ^c Cutworms	0.1-0.2 (6.4-12.8)	Apply as required by scouting reports, usually at intervals of 5 to 7 days. Apply by air or ground. Use sufficient water to obtain full coverage of foliage. For control of boll weevils spray on a 3 to 5 day schedule or as needed. Do not apply within 14 days of harvest. The higher rates of AMBUSH 25W insecticide (0.15 to 0.2 lbs. a.i. per acre) may be required under conditions of heavy lepidopterous worm infestation. AMBUSH 25W insecticide aids in the reduction of lepidopterous egg hatch by contact action. Do not apply more than 2.0 lbs. a.i. per acre per season. Do not apply by ground within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds; estuaries and commercial fish ponds. Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ambush [®] , Ammo [®] , Asana [®] XL, Baythroid [®] , Capture [®] , Cymbush [®] , Karate [®] , Pounce [®] , and Scour [®] . SPRAY DRIFT PRECAUTIONS All aerial equipment and ground application equipment must be properly maintained and calibrated using appropriate carriers. Do not make aerial or ground applications during temperate inversions. Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. For aerial applications, the spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices boom length must not exceed 75% of wing span or rotor diameter.

^c Only suppression can be expected when utilized on a 5-7 day schedule.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Cucurbit Vegetables ¹	Leafminers and Squash Bugs	0.2 (12.8)	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 may be applied up to harvest.
	Cabbage Looper, Cucumber Beetle, (adults), Cutworms, Melon Worm, Pickleworm, Plant Bugs, (including Lygus and Stink Bugs), Rindworms, Squash Vine Borer	0.1-0.2 (6.4-12.8)	
Eggplant	Colorado Potato Beetle ^b	0.2 (12.8)	Apply by ground or air equipment using sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 3.0 lbs. a.i. per acre per season. Do not apply within 3 days of harvest.
	Vegetable Leafminer, Cabbage Looper, Flea Beetle	0.1-0.2 (6.4-12.8)	
Field Corn/ Popcorn/Field Corn Grown for Seed (Preemergent Use)	Armyworm, Cutworms	0.1-0.2 (6.4-12.8)	Apply in the time period from 5 days prior to planting up to emergence of the crop. Apply as a broadcast spray in a minimum of 10 gallons of finished spray/acre with ground equipment or 1 gallon/acre by air.**

¹ Balsam pear (Bitter Melon), Chinese Waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, gourds, edible melons, including hybrids such as cantaloupe, casabe, crenshaw, honeydew melons, honeyballs, mango melon, muskmelon, Persian melon, pumpkin, squash, summer and winter watermelon, including hybrids.

^b In areas infested with resistant insects the highest use rate will provide suppression only. In this situation, due to pyrethroid cross resistance, a second application of an alternate chemistry may be needed.

** AMBUSH 25W 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 Pre-mix, Lasso 4E & ME Dual[®] SE, Atrazine 4L & 80W, Blixer[®] 80W & 4L, Princep[®], Princep Caliber[®] 90 2-4-D Roundup[®], Bronco[®], Banvel[®], Ertazine[®].
NOTE: Do not tankmix AMBUSH[®] 25W insecticide with Bicep[®] or GRAMOXONE[®] Extra.

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DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Field Corn/ Popcorn/ Field Corn Grown for Seed (Foliar Use)	Cutworms, European Corn Borer, Armyworm, Southwestern Corn Eater, Flea Beetle, Corn Earworm, † Corn Rootworm Beetle, † Tobacco Budworm**	0.1-0.2 (6.4-12.8)	Apply prior to the brown silk stage. Apply a minimum of 1 gallon of finished spray/acre by air and 10 gallons/acre with ground equipment.**
	Stalk Borer	0.1-0.2 (6.4-12.8)	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 burn-down herbicide are suggested to initiate movement.**
Fibers	Filbertworm Oblique-banded Leafroller	0.2-0.4 (12.8-25.6)	Apply when insects appear. Do not apply more than 1.6 lbs. a.i. per acre per season. Apply in a minimum of 15 gallons of finished spray per acre with ground equipment. Do not apply within 14 days of harvest. Do not graze livestock in treated orchards.
Leafy Vegetables† (except Brassica)	Vegetable Leafminer Cabbage Looper, Cutworm Complex Fall Armyworm Beet Armyworm Corn Earworm Green Cloverworm Leafhoppers, European Corn Borer	0.1-0.2 (6.4-12.8)	Apply every 3-5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 2.0 lbs. a.i. per acre per season. Can be applied up to 1 day of harvest.
Lettuce (Refer to Leafy Vegetables for application directions)			

† These are the crops of the leafy vegetables crop group that AMBUSH 25W insecticide can be used on: Amaranth (leafy amaranth), Chinese spinach (ampala), arbutus (Roulette), celery, celtuce, chervil, corn salad, chrysanthemum, globe-earred chrysanthemum, garden cress, garden cress (wild), yellow (orakel), winter cress, dandelion, dock (spiral), endive (escarole), fenel, Florence lettuce, head and leaf, orach, parsley, purslane, garden purslane, winter thudarb, spinach, spring green spinach, New Zealand Swiss chard.

* Not for control of this insect in California.

** AMBUSH 25W 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[®]/Alazine Pre-mix, Lasso 4E & ME, Dual[®] BE, Alazine 4L & 80W, Bladex[®] 60W & 4L, Princep[®], Princep Caliber[®] 90 2,4-D, Roundup[®], Bronco[®], Banvel[®], Estrazve[®]. NOTE: Do not tankmix AMBUSH[®] 25W insecticide with Bicep[®] or GRAMOXONE[®] Extra.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Mushrooms (Mushroom houses & adjacent premise areas)	Mushroom Flies (Sciarae and Phorid Adults)	Apply 6 oz. † † † 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 prior to point of runoff. Use AMBUSH 25W prior to filling house, during cool-down, 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 two 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.
Onions (Dry Bulb) and Garlic	Onion Thrips, Armyworms, Cutworms, Leafminers, Onion Maggots (adults), Stink Bugs	0.15-0.3 (9.6-19.2) 0.1-0.3 (6.4-19.2)	Apply in a minimum of 20 gallons per acre with ground equipment or a minimum of 5 gallons/acre by air † as a 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 2.4 pounds active per acre per season. Do not apply within 1 day of harvest. Do not graze livestock in treated areas or cut treated crops for feed.
Ornamentals/ Nursery Stock † (Field-Grown)	Beet Armyworm, Cabbage Looper, Citrus Thrip, Heliothis spp., Leafhoppers, Leafminers, Whiteflies, Cutworms	0.1-0.2 lbs. a.i./ 100 gal.	Marginal leaf burn may occur on Salvia, Dieffenbachia and Pteris Fern. Application to blooming plants may cause browning of petals. † of all species and varieties have been tested. Before treating large number of plants of a particular variety, treat a few plants and observe prior to full scale application. Apply to nonbearing plants of fruiting species.
Papaya (Florida only)	Fruit fly	0.1 (12.8) † † 6.4 oz./ 100 gal.	Apply by ground equipment. Spray to wet all foliage. Apply when insects appear and repeat at 7-10 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.

† Currently not registered for use in California.
† † See page 26 for additional information.
† † † 1 oz. of the powder equals 5 level teaspoons.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Peaches	Peach Twig Borer Oriental Fruit Moth Green Fruitworm Lesser Peachtree Borer Plum Curculio Tarnished Plantbug Rose Chaler	0.1-0.4 (6.4-25.6)	Apply by ground equipment using 25-300 gallons of spray per acre. Spray to wet all foliage. Can be applied up to 7 days before harvest. Do not apply more than 3.0 lbs. a.i. per acre per season. Do not graze livestock in treated orchards.
Pears (Dormant)	Pear Psylla	0.2-0.4 (12.8-25.6)	Apply at a rate of 0.8 to 1.6 lbs. (0.2 to 0.4 lbs. active) per acre. May be combined with 2 to 8 gallons of spray oil per acre. Apply during the dormant through delayed dormant growth periods only. Apply in 3 to 20 gallons of finished spray per acre by aircraft and 25 to 400 gallons per acre by ground equipment. Do not apply more than 0.8 lbs. a.i. per acre per season. Do not graze orchard floor.
Pears (Pre-Bloom Seasonal)	Pear Psylla Codling Moth Green Fruitworm	0.2-0.4 (12.8-25.6)	Apply two pre-bloom sprays followed by three seasonal sprays. Pre-bloom sprays can be applied from dormant through bud burst stages. Seasonal sprays can be applied from petal fall up to 14 days of harvest. Do not apply more than 2.0 lbs. a.i. per acre per season.
Peppers (Bell)	Vegetable Leafminer Cabbage Looper Flea Beetle Pepper Weevil European Corn Borer	0.1-0.2 (6.4-12.8) 0.2 (12.8)	Apply by ground or air equipment using sufficient water to obtain uniform coverage. Apply as needed. Do not apply more than 1.6 lbs. a.i. per acre per season. Do not apply within 3 days of harvest.
Pistachios	Peach Twig Borer Naval Orangeworm Cane Thicket	0.1-0.4 (12.8-25.6)	Apply at a rate of 0.8 to 1.6 lbs. (0.2-0.4 lbs. active) per acre. Use sufficient water to obtain full coverage of foliage. Do not apply more than 0.8 lbs. a.i. 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 orchards.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Potatoes	Colorado Potato Beetle, ^b Potato Leafhopper, Asier Leafhopper, Potato Flea Beetle, Potato Aphid, Potato Tuberworm, Potato Psyllid, Cabbage Looper	0.05-0.2 (3.2-12.8)	Apply as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 2.4 lbs. a.i. per acre per season. Can be applied up to 7 days prior to harvest.
Pumpkins (Refer to Cucurbit Vegetables for application directions.)			
Roses † (Field-Grown)	Heliothis spp	0.1-0.2 (6.4-12.8)	Apply in 5 gallons of finished spray per acre with ground equipment and 1 gallon per acre by air.
Roses † (Greenhouse)	Beet Armyworm, Cabbage Looper, Omnivorous Leafroller	8 oz/ 100 gals water	AMBUSH 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, and a small number of plants should be treated under local conditions to determine plant safety prior to commercial use.
Soybeans	Green Cloverworm, Mexican Bean Beetle, Bean Leaf Beetle, Cabbage Looper, Potato Leafhopper, Velvetbean Caterpillar, Saltmarsh Caterpillar, Corn Earworm, Beet Armyworm, Soybean Looper ^{b,1}	0.05-0.1 (3.2-6.4) 0.1-0.2 (6.4-12.8)	Apply by air or ground. Do not apply more than 0.4 lbs. a.i. per acre per season. Can be applied up to 60 days before harvest. Do not graze treated areas or harvest for forage or hay.
Spinach (Refer to Leafy Vegetables for application directions.)			

¹ Currently not registered for use in California.
² In areas infested with resistant insects the highest use rate will provide suppression only. In this situation, due to pyrethroid cross resistance a second application of an alternate chemistry may be needed.
³ Maximum use rate in California is 0.1 lbs. a.i./A.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate lbs a/A (oz/A)	Remarks
Sweet Corn/ Sweet Corn Grown for Seed	Corn Earworm, European Corn Borer, Fall Armyworm, Corn Rootworm Adults Cutworms, Aster Leafhopper Flea Beetle	0.1-0.2 (6.4-12.8)	Apply every 5 days or as needed by air or ground. Do not apply more than 1.2 lbs. a.i. per acre per season. Do not apply within 1 day of harvest of ears for storage 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 grown for the fresh market)	Corn Earworm, European Corn Borer, Fall Armyworm, Southern Armyworm, Corn Rootworm Adults, Cutworms, Aster Leafhopper	0.1-0.25 (6.4-16.0)	Apply every 5 days or as needed by air or ground. Do not apply more than 3.25 lbs. a.i. per acre per crop season. Do not graze livestock in treated areas or harvest for forage. AMBUSH 25W insecticide may be mixed with Lannate (methomyl) in accordance with label limitations and precautions. Label dosage rates should not be exceeded.
Tomatoes (Only for application to tomatoes grown in Florida and Puerto Rico for final marketing as fresh tomatoes.)	Tomato Fruitworm, Cabbage Looper, Tomato Pinworm, Vegetable Leafminer, Beet Armyworm, Southern Armyworm, Colorado Potato Beetle, Granulate Cutworm, Hornworm	0.05-0.2 (3.2-12.8)	Apply by air or ground in sufficient water to obtain uniform coverage. Do not apply more than 1.2 lbs. a.i./acre per crop season. Can be applied up to 7 days 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).
Walnuts	Worm Orangeworm, Codling Moth, Walnut Husk Fly	0.2-0.4 (12.8- 25.6)	Apply when insects appear. Do not apply more than 1.6 lbs. a.i. per acre per season. Apply in a minimum of 20 gallons of finished spray per acre by aircraft or 100 gallons of finished spray per acre with ground equipment. Do not apply within 1 day of harvest. Do not graze livestock in treated orchards.

In areas infested with resistant insects the highest use rate will provide suppression only. In this situation, due to pyrethroid cross resistance, a second application of an alternate chemistry may be needed.

Read label to determine rate of AMBUSH 25W insecticide to be applied. Consult the table below to determine number of acres a 1 lb. or 2 lb. water soluble pack will treat at the desired rate. Based on number of acres to be sprayed per tankload, drop in the required number of unopened packs.

AMBUSH 25W insecticide treatment rate (lb. a.i. per acre)									
	05	10	15	20	25	30	35	40	
# acres/ 1 lb.	5	2 1/2	1 2/3	1 1/4	1	5/6	5/7	5/8	
# acres/ 2 lb.	10	5	2 1/2	2 1/4	2	1 1/2	1 3/7	1 1/4	

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* Do not use more than 12.8 oz. AMBUSH 25W/A. The final spray should be no more concentrated than 12.8 oz./100 gallons for avocados and 6.4 oz./100 gallons for pineapples. Since tree size and spacing will affect the amount of spray needed for dilute sprays, the applicator must know the number of gallons of water/A needed to spray the trees to the point of drip. If you do not know this gallonage, you should conduct a test to determine it. If you do not know how to conduct such a test with your equipment, you should ask for assistance from your equipment dealer. For dilute sprays (i.e., sprayed to the point of drip) 12.8 oz. AMBUSH 25W should be diluted with the gallonage determined by this test.

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. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep up and remove to chemical waste area. Keep water soluble pack in original foil bag and store in a cool dry place. Do not store below 32°F. Handle carefully when stored at temperatures less than 50°F to avoid breakage of pack.

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: When all packs are used, dispose of foil bags in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.