

PM 03

10182-18 NOTIFICATION

9-23-97

10/25

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number 248706

Application for Pesticide - Section I

1. Company/Product Number: 10182-18
2. EPA Product Manager: George LaRocca
3. Proposed Classification: Restricted
4. Company/Product (Name): AMBUSH Insecticide
5. Name and Address of Applicant: ZENCA Ag Products, 1800 Concord Pike, PO Box 15458, Wilmington, DE 19850-5458
6. Expedited Review: In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

Section II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Final printed labels reflecting EPA approval use direction revisions for pistachios.

6661 22
NOLVOJILON

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other (Specify)
3. Location of Net Contents Information: Label, Container
4. Size(s) Retail Container: No. per container, Package wgt.
5. Location of Label Directions: On Label, On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: Lithograph, Paper glued, Stenciled, Other

Section - IV

1: Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Deborah Touzell, Title: Regulatory Information Coordinator, Telephone No.: 302-886-1226
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.
2. Signature: Deborah Touzell
3. Title: Regulatory Information Coordinator
4. Typed Name: Deborah Touzell
5. Date: September 9, 1997
6. Date Application Received: (Stamped)

**CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY**

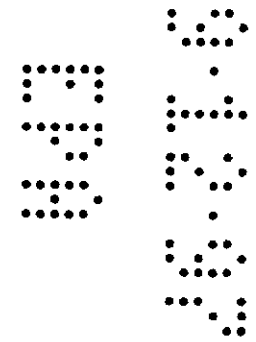
NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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.

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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.



CEREAL GRAINS

Field Corn/Popcorn/Field Corn Grown for Seed (Preemergent Use) 12

Field Corn/Popcorn/Field Corn Grown for Seed (Foliar Use) 12

Sweet Corn 12

Sweet Corn (Florida Only) 12

TREE CROPS

Almonds 13

Apples 13

Avocados 13

Cherries 13

Filberts 14

Papaya (Florida Only) 14

Peaches 14

Pears (Dormant) 14

Pears (Pre-bloom) 15

Pistachios 15

Walnuts 15

OTHER CROPS

Alfalfa, Alfalfa Grown for Seed 16

Artichokes 16

Asparagus 16

Mushrooms 17

Range Grass 17

Soybeans 18

ORNAMENTALS

Asparagus Ferns 18

Christmas Trees 18

Chrysanthemums (Florida Only) 18

Conifers 18

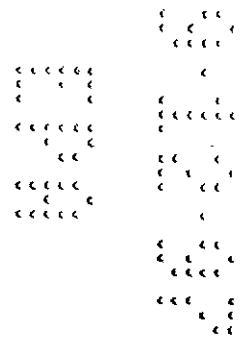
Ornamentals Nursery Stock 19

Pine Seed Orchard 19

Roses (Field Grown) 19

Roses (Greenhouse) 19

RATE CONVERSION CHART 21



DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

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

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

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

- Coveralls.
- Chemical-resistant gloves, such as Barrier Laminate or Butril Rubber \geq 14 mils or Nitrile Rubber \geq 14 mils or Viton \geq 14 mils.
- Shoes plus socks.
- Protective eyewear.

STORAGE AND DISPOSAL

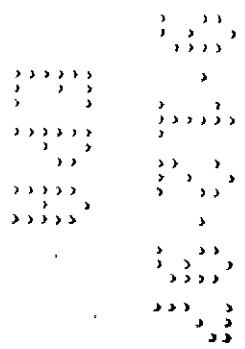
PROHIBITIONS: Do not contaminate water food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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:

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of 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 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 lbs ai 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.

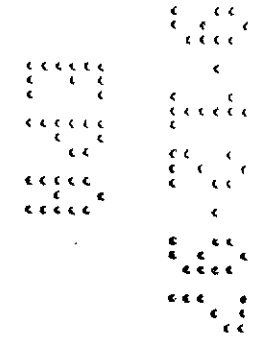
If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience 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 Insecticide at rates and timing described elsewhere in this label. Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. If stationary (solid sets, handlines or wheel lines other than continuous-move) are used, AMBUSH insecticide should be injected into no more than the last 20-30 minutes of the set. Do not apply when winds are greater than 10-15 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

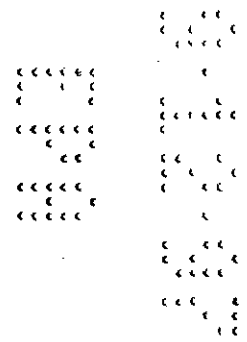
- A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal 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 also 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.



- * LEAFY VEGETABLES (Except Brassica): Amaranth (leafy amaranth, Chinese spinach, tampala); arrugla (Roquette); Cardoon; celery; Chinese celery; celtuce; chervil; com 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 may be applied in tank-mixtures with the following herbicides in accordance with label limitations and precautions. Label dosage rates should not be exceeded. GRAMOXONE[®] SUPER; GRAMOXONE[®] EXTRA, BICEP[®], 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.

- * Aids in suppression.
- * Currently not registered for use in California.
- * 0.1% ai solution = 3 1/3 pt formulation per 100 gallons of water.
- * Maximum use rate in California is 0.1 lbs. a.i./Acre.
- * Under heavy insect pressure use 0.2 lbs a.i./Acre. A second application of alternate chemistry may be necessary to reduce populations below economic thresholds.



RATE CONVERSION CHART			
POUNDS ACTIVE/ACRE	FLUID OUNCES/ACRE	PINTS/ACRE	ACRES TREATED/ GALLON
0.05	3.2	0.2	40.0
0.10	6.4	0.4	20.0
0.125	8.0	0.5	16.0
0.15	9.6	0.6	13.3
0.175	11.2	0.7	11.4
0.20	12.8	0.8	10.0

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