



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division
475 M Street, S.W.
Washington, D.C. 20460

EPA Reg. Number: 10088-110
Date of Issuance: AUG 6 2002

Term of Issuance: Conditional

Name of Pesticide Product: Permethrin 2.5% Concentrate

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Athea Laboratories, Inc.
P.O. Box 240014
Milwaukee, WI 53224

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. Submit or cite product performance data to support the public health pest claims on the label. These pests include mosquitoes, fleas, ticks and spiders. Alternatively, you may use the cite-all option to satisfy this requirement and make appropriate offers to pay to companies on the data submitters' list for permethrin.
3. Make the following label change:
 - a. Revise the EPA Registration Number to read "EPA Reg. No. 10088-110"
 - b. Throughout the label, change "eliminate" and "destroying" to "control" and "controlling" and change "the most ... insects" to "many ... insects".

Signature of Approving Official:

Date:

Susan L. Stanton, for George T. LaRocca

AUG 6 2002

- c. Add the following Worker Protection Standard (WPS) exclusionary statement in accordance with PR Notice 93-11:

“Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.”

- 4. Please submit two (2) copies of your final printed label before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosures

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

CAUTION

May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further 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 (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378. For information on product, usage, etc., call 1-800-743-6417.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively 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.

SHAKE WELL BEFORE USE.

This product helps eliminate the most annoying and troublesome outdoor insects. You can help protect your

PERMICIDE 2.5% CONCENTRATE

FOR USE ON RESIDENTIAL LAWNS, GARDENS,
PATIOS AND HOME PICNIC AREAS

Controls Listed Pests for up to 4 Weeks
Water Based Formula

Kills Bugs on Your Lawns • Trees and Scrubs • Roses and
Flowers • Fruits and Nuts • Vegetables

Aids in Reducing Annoyance from
Mosquitoes and Other Flying Insects.

Kills Gnats, Fleas, Deer Ticks, Brown Dog Ticks
and other Crawling Insects.

Repels Crawling Insects from your Home Recreation Areas.

Contains Permethrin, a long lasting insecticide that provides
contact and residual control for up to 4 weeks of many
hard-to-kill sucking and chewing insects.

Active Ingredients:

* Permethrin [* (3-phenoxyphenyl)methyl(±)-cis, trans-
3-(2,2-dichloroethenyl)-2,2-
dimethylcyclopropanecarboxylate] 2.50%
Other Ingredients: 97.50%
Total 100.00%

* Cis, trans ratio: Min. 35%(±) cis and max (±) trans

KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautionary statements.

EPA REG. NO. 10088-XX

EPA EST. NO. 10088-WI-1

NET CONTENTS:

1 5 6 20 35 55 GALLONS

Manufactured By:

Athea Laboratories, Inc.

P.O. Box 240014

Milwaukee, WI 53224

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

AUG 6 2002

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

10088-110

property by destroying the insects listed on this label. Do not spray animals. People and pets should not be allowed in treated areas until spray has dried.

This products can be applied using a hose-end sprayer, pump up pressure sprayer or by watering can. Carefully dilute the recommended amount of concentrate and water according to the directions found under the desired insect to control. Use a clean sprayer. Apply insecticide when insects first appear and repeat as necessary but not more frequently than every 3 days. Flush sprayer or watering can with clean water after each use.

This product kills most troublesome outdoor insect, which destroy lawns, gardens, and are an annoyance on patios and at picnics.

Use on Lawns: Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merlon and St. Augustine.

Pests: Ants, Armyworms, Brown dog ticks, Chinch bugs, Crickets, Cutworms, Deer ticks, Fleas, Grasshoppers, Japanese beetles grubs, Mole crickets and Sod webworms.

Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. For heavy infestations, repeat application after 2 weeks. For ants, crickets and grasshoppers use 2-fl. oz. in 3 gallons of water to cover 1,000 sq. ft. For other listed insects, use 6 fl.oz. in 10 gallons of water to cover 1,000 sq. ft.

Use on Trees and Shrubs: Arizona Cypress, Azalea, Birch, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus.

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall Cankerworms, Inchworms, Leafminers, Mealybugs, Spider mites, Whiteflies. Fall webworms on Cherry and Honeysuckle, Budworms on Conifer, Elm leaf beetles, Elm spanworms and Fall webworms on Elms, Tussock moths on Douglas and Grand Firs, Citrus black flies on Non-Bearing Citrus, Oakworms on Oaks, Pine beetles, Pine moths, Pine needleminers, and Needle scales on Pines.

Use 1 fl. oz. in 1 gallon of water. Apply as a spray, wetting leaves and branches thoroughly. Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50 to 75°F and when

3/5

there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days.

Use on Roses and Flowers: Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia.

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall Cankerworm, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, and Whiteflies.

Use 1 fl. oz. in 1 gallon of water. Apply as a spray, wetting the plants thoroughly. Try to hit the underside of leaves and penetrate dense foliage. Spray in the later afternoon or evening, when the temperature ranges from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days.

Use on Fruit and Nut Trees: Almonds, Apples, Peaches, and Pears.

General Directions: Use 2 fl. oz. in 1 gallon of water. Apply when insects appear. Wet the plants thoroughly. Try to hit underside of leaves and penetrate dense foliage.

Almonds:

Pest: Navel orangeworms, Peach twig borers.

How to Use: Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.

Apples:

Pest: Green fruitworms, Leafrollers (Oblique-banded, Redbanded), Plum curculio, Rosy apple aphids, Spotted tentiform leafminers, Tarnished plant bugs, White apple leafhoppers.

How to Use: Repeat as required to maintain control. Do not make more than 3 applications. Do not apply after petal fall.

Peaches:

Pests: Bores (lesser peachtree, Peach twig), Green fruitworms, Plum curculio, Oriental fruit moths, Tarnished plant bugs.

How to Use: Do not apply within 7 days of harvest. Do not make more than 8 applications per season.

Pears:

Pests: Codling moth, Green fruitworms, Pear psylla.

How to Use: Do not make more than 3 applications per season. Can be applied up to 14 days prior to harvest.

Use on Vegetables: Asparagus(pre-harvest), Asparagus(post-

harvest), Celery, and Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower), Eggplant, Horseradish, Head Lettuce, Potatoes, Peppers, Spinach, Sweet Corn.

Asparagus(pre-harvest):

Pests: Asparagus beetles, cutworms.

How to Use: Use 1-1/2 fl.oz. in one gallon of water to cover 1,000 sq. ft. Apply for uniform coverage as needed. Do not make for than 4 applications per crop. Can be applied up to 3 days prior to harvest.

Asparagus(post-harvest):

Pests: Beetles (Adult Japanese Beetle, Larval stages of Asparagus Beetle), Lygus bugs, Tarnished plant bugs.

How to Use: Use 1-1/2 fl.oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.

Celery:

Pests: Armyworms beet, Fall, Southern), Cabbage loopers, Cutworms (black, granulate), Vegetable leafminers.

How to Use: Use 1-1/2 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.

Cole Crops: Broccoli, Brussels Sprouts, Cabbage, and Cauliflower.

Pests: Beet armyworms, cabbage aphids and loopers, Diamondback moths, Imported cabbageworms.

How to Use: Use 1 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications on Cabbage.

Eggplant:

Pests: Colorado Potato beetles, Vegetable leafminers.

How to Use: Use 3 fl. oz. in 1 gallon of water to cover 1,000 sq.ft. Apply for uniform coverage as needed. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.

Horseradish (Foliar Application):

Pests: Imported crucifer weevils.

How to Use: Use 3 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.

Head Lettuce:

Pests: Corn earworms, Beet armyworms, Loopers (Alfalfa, Cabbage), Tobacco budworms.

How to Use: Use 2 fl. oz. in 1 gallon of water to cover 1,000 sq.

ft. Apply every 5-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.

Potatoes:

Pests: Beetles (Colorado potato, Potato flea), Beet armyworms, Cabbage loopers, Cutworms, European corn borers, Leafhoppers (Aster, Potato), Potato aphids, Potato Psyllids, Potato tuberworms, Tarnished plant bugs.

How to Use: Use 1-1/2 fl. oz. in 1 gallon to cover 1,000 sq. ft. Apply as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest.

Peppers:

Pests: Cabbage loopers, Corn earworms, European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers.

How to Use: Use 2 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply as needed, but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.

Spinach:

Pests: Beet armyworms, Cabbage loopers, Corn earworms, Cutworms, European corn borers, Green cloverworms, Leafhoppers.

How to Use: Use 1-1/2 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply for uniform coverage when needed, but not more than 7 applications per season. Can be applied up to 7 days prior to harvest.

Sweet Corn:

Pests: Armyworms(Fall, Southern), Corn earworms, European corn borers.

How to Use: Use 1-1/2 fl. oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 5 days and when needed, but not more than 6 applications per season. Can be applied up to 1 day prior to harvest.

Barrier Spray For Nuisance Pests: Such as Ants, Clover mites, Cluster flies, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Mosquitoes, Sowbugs (pillbugs), Spiders, Tent caterpillars, Ticks (Brown dog, Deer, Lone star).

General Directions:

Use 6-2/3 fl.oz. in 1 quart of water, treating 400 linear feet with a 6-inch spray band.

Outside Surfaces of Buildings:

Pests: Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs).

How to Use: To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to

outside surfaces of buildings, including porches, screens, window frames, eaves, patios, picnic areas, garages, refuse piles, and other areas where these pests congregate or have been seen. Repeat application may be needed, if re-infestation occurs.

Other Outside Areas:

Pests: Ants, Crickets, Earwigs, Fleas, Spiders, Ticks (Brown dog, Deer, Lone star).

How to Use: For treatment of localized infestations of these insects in areas where there are weeds, shrubs or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application may be needed, if re-infestation occurs.

Pests: Cluster flies, Flying moths, Gnats, House flies, Mosquitoes.

How to Use: For use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insect may enter the room. Also treat surfaces around light fixtures on porches, under patio furniture, in garages and other places where these insects alight or congregate. Repeat application may be needed, if re-infestation occurs.

Pests: Tent Caterpillars.

How to Use: Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

House Plants Indoors: To protect plants in non-commercial greenhouses and lathhouses, and for indoor landscaping. Ageratum, Ardisia, Aster, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia.

Pests: Aphids, Armyworms, Corn earworms, Cutworms Cabbageworms, Exposed thrips, Fall cankerworms, Fungus gnats, Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider mites, Springs cankerworms, Whiteflies.

How to Use on Indoor House Plants Listed Above: Use 1 fl. oz. in 1 gallon of water. Spray will act as contact and residual control. Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size. Spray directly

on insects. If application is to be made indoors, remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by people or pets (particularly fish bowls or tanks). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on Ferns, Palms and Fuchsia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury. Repeat application may be necessary to control citrus blackflies on non-bearing citrus and adult Japanese beetles on roses.

Product with Hose End Sprayer Attached:

Make sure knob is twisted fully clockwise to OFF position. Shake well before attaching to hose. Turn Product Control Button clockwise until its point aligns with triangle, then push all the way in. Avoid squeezing bottle. Turn water on at faucet, aim nozzle toward lawn and turn knob counter clockwise to begin spraying. When finished push Product Control Button to OFF position from the opposite side. Return knob and faucet to OFF position. Discharge water pressure by turning knob ON and OFF again. Turn Product Control Button counter clockwise away from triangle to prevent accidental discharge. Store out of reach of children.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place, preferably a locked storage area. Store above freezing. Do not store diluted spray. Store with container tightly closed. Keep pesticide in original container; do not transfer to food or drink container. Avoid contamination of food, feed, and domestic water supplies.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Containers one gallon or smaller: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container larger than one gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.