

~~3/15/1999~~  
18/2

APR -2 1997

Dr. Douglas H. Ross  
Farnam Companies, Inc.  
301 West Osborn Road  
Suite 2000  
Phoenix, Arizona 85013

Dear Dr. Ross:

Subject: Label Amendment- insect control on certain fruit, nut and vegetable crops and on horses and in horse barns and stables  
Security 0.25% Permethrin Ready To Use  
EPA Registration Number 270-299  
Your submission dated December 10, 1996

This amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable, provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Under the Directions for Use add "Not for use on plants being grown for sale or other commercial use. For use on plants being grown in residential ornamental and vegetable gardens and residential lawns."

b. Under How to Use for Home Lawns and Vegetable Gardens complete mixing instructions must be given. The homeowner should not have to determine what is sufficient water to X good coverage. We suggest you change "Dilute the Security 0.25% Permethrin with sufficient water thoroughly cover the area to be treated." to "Add 2 ounces (4 tbsp) of Security 0.25% Permethrin to 1 quart of water to have 0.015% of finished spray."

c. Under HORSE BARNs AND STABLES delete "While fogging spay mist can also be applied over and around animals.". If you need to vacate and ventilate before re-entering then the animals need to be removed also.

3. Submit two (2) copies of your final printed labeling 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

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

Enclosure

# Security 0.25% Permethrin Ready-To-Use

- LAWN AND GARDEN INSECT CONTROL
- CONTROLS INSECTS ON FRUITS AND VEGETABLES
- FOR DOMESTIC USE BOTH INDOORS AND OUTDOORS
- CONTROLS [KILLS] GERMAN AND AMERICAN COCKROACHES FOR TWO MONTHS [60 DAYS]
- CONTROLS [KILLS] STORED PRODUCT BEETLES FOR 2 MONTHS [60 DAYS]
- FOR CONTROL OF FLEAS, BROWN DOG TICKS AND LICE ON PREMISES AND ON DOGS
- CONTROLS FLEAS AND TICKS ON DOGS FOR 35 DAYS
- AIDS IN CONTROL OF TICKS ON DOGS FOR AN ADDITIONAL 2 WEEKS [14 DAYS]
- CONTROLS [KILLS] ADULT FLEAS IN CARPETS FOR 2 MONTHS [60 DAYS]
- A READY-TO-USE PERMANONE® STABLE EMULSION INSECTICIDE
- FOR CONTROL OF PESTS ON LIVESTOCK
- WITH COUNTRY FRESH FRAGRANCE

**ACTIVE INGREDIENT:**

*Permethrin . . . . .	0.25%
INERT INGREDIENTS: . . . . .	99.75%
	100.000%

\*(3-phenoxyphenyl) methyl (+/-)cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate. *Cis/trans* ratio min. 35% (+/-) *cis* and max. 65% (+/-) *trans*.

PERMANONE - Registered trademark of AgrEvo Environmental Health, Inc.

EPA Reg. No. 270-299  
EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Back Panel for Additional Precautions

Net Contents \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**  
Hazards To Humans & Domestic Animals

**CAUTION**

Wash thoroughly after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children of pets to contact treated areas until surfaces are dry.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

[ ] INDICATES OPTIONAL LANGUAGE

APR - 2 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 270-299

**Environmental Hazards**

This product is extremely toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

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

**READY-TO-USE APPLICATIONS**

Affix trigger, pump or other type sprayer to container for application. Do not transfer to another container.

**SHAKE WELL BEFORE USING****INDOOR APPLICATION**

For spot application only. Do not use as a space spray indoors. Do not use in food/feed handling establishments, restaurants or other areas where food is commercially prepared or processed.

**SURFACE SPRAYING:**

**TO CONTROL** Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Mealworms, Grain Mites And Cadelles: Direct the spray into the hiding places, cracks and crevices, and behind shelves and drawers. For *Silverfish*, spray bookcases. For *Ants*, spray trails, nests and points of entry.

**TO CONTROL CARPET BEETLES:** Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

**TO CONTROL BEDBUGS:** Spray mattresses lightly, particularly around tufts and seams. Take bed apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

**TO CONTROL FLEAS (ADULTS AND LARVAE) AND TICKS (ADULTS AND LARVAE):** Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed. Allow to dry thoroughly before allowing pets to contact treated areas.

**TO CONTROL CLOTHES MOTHS:** Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

**ON LIVESTOCK:** To protect cattle (beef and dairy), goats, sheep, hogs and horses from *Horn Flies*, *Face Flies*, *House Flies*, *Mosquitoes* and *Gnats*: Apply a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes.

**TO CONTROL STABLE FLIES, HORSE FLIES AND DEER FLIES:** Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

**TO CONTROL BLOOD-SUCKING LICE:** Apply to the infested areas of the animal, using a stiff brush to get the spray into the base of the hair. Repeat every 3 weeks if required.

TO CONTROL POULTRY LICE: Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

TO CONTROL BEDBUGS AND MITES IN POULTRY HOUSES: Spray crevices of roost poles, cracks in walls, and cracks in nests where *Bedbugs* and *Mites* hide.

#### ON DOGS:

TO CONTROL FLEAS, TICKS AND LICE: Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly, but do not saturate animal. Do not spray into eyes or face. Avoid contact with genitalia. Repeat as necessary.

NOTE: Not recommended for use on puppies less than four weeks old. **DO NOT USE ON CATS OR KITTENS.**

#### OUTDOOR APPLICATION

To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6 - 10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

FOR CONTROL OF GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill *Japanese Beetles* hit by spray as well as *Whiteflies*, *Aphids*, *Exposed Thrips*, *Spiders*, *Red Mites* and *Leafminers*. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African Violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, eunonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed on *Whiteflies*, *Aphids*, *Spider* and *Red Mites*, exposed *Thrips*, *Lace Bugs*, *Japanese Beetles*, *Pavement Ants*, *Clover Mites* and *Armyworms*.

When spraying plants, do not operate closer than 18 inches. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects whenever possible. Repeat treatment as infestations occur.

#### DILUTED APPLICATIONS

VEGETABLES, MELONS, FRUITS AND NUTS<sup>1</sup>: Almonds (7), Apples (do not apply after petal fall), Cabbage (1), Cantaloupe (0), Cucurbits (0), Egg Plant (3), Filberts (14), Spinach (7), Lettuce (1), Celery (3), Onions (1), Peaches (7), Pears (14), Bell Peppers (3), Potatoes (7), Sweet Corn (1), Walnuts (7), Pistachios (1).

TO CONTROL: Apple Aphid, Armyworm, Aster Leafhopper, Beet Armyworm, Cabbage Aphid, Cabbage Looper, Codling Moth, Colorado Potato Beetle, Corn Earworm, Corn Rootworm (Adult), Cucumber Beetle (Adult), Cutworms, Diamondback Moth, European Corn Borer, Fall Armyworm, Filbertworm, Flea Beetle, Green Cloverworm, Green Fruitworm, Imported Cabbageworm, Leafhoppers, Leafminers, Lesser Peachtree Borer, Melon Worm, Navel Orangeworm, Obliquebanded Leafroller, Onion Maggots (Adults), Onion Thrips, Oriental Fruit Moth, Peach Twig Borer, Pear Psylla, Pepper Weevil, Pickleworm, Plant Bugs (including Lygus and Stink Bugs),

<sup>1</sup> Numbers in ( ) indicate days required between last application and harvest.

Plum Curculio, Potato Aphid, Potato Flea Beetle, Potato Leafhopper, Potato Psyllid, Potato Tuberworm, Redbanded Leafroller, Rindworm, Rose Chafer, Spotted Tentiform Leafminer, Squash Bugs, Squash Vine Borer, Stink Bug, Tarnished Plant Bug, Vegetable Leafminer, Walnut Husk Fly, White Apple Leafhopper.

#### HOW TO USE FOR VEGETABLES & FRUITS:

1. Determine the size of the area to be sprayed. For vegetables, measure the area in square feet. For trees, apply as a thorough cover spray.
2. One quart of Security 0.25% Permethrin will treat a 1,000 square foot area (1 pint will treat 500 square feet).
3. Carefully measure the proper amount of Security 0.25% Permethrin for the area to be treated into a clean sprayer.
4. Dilute the Security 0.25% Permethrin with sufficient water to achieve good coverage of the area to be treated.
5. Spray as directed.

HOME LAWNS: Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine.

TO CONTROL: Ants, Armyworms, Brown Dog Ticks, Chinch Bugs, Crickets, Cutworms, Fleas, Grasshoppers, Japanese Beetle Grubs, Mole Crickets, Sod Webworms.

#### HOW TO USE FOR HOME LAWNS:

1. Determine the size of the area to be sprayed.
2. One quart of Security 0.25% Permethrin will treat a 500 square foot area (1 pint will treat 250 square feet).
3. Carefully measure the proper amount of Security 0.25% Permethrin for the area to be treated into a clean sprayer.
4. Dilute the Security 0.25% Permethrin with sufficient water to thoroughly cover the area to be treated.
5. Thoroughly wet down grass several hours before applying Security 0.25% Permethrin. Lawn should be no taller than 3 inches at the time of application. For heavy infestations, repeat application after 2 weeks.

HORSE BARN AND STABLES: To kill Stable Flies, Horse Flies, Face Flies, Horn Flies, Fleas, Mosquitoes, Lice, Mites and Ticks (including Deer Ticks), apply as a fog or mist with a hand sprayer, power sprayer, or electric fogging and misting equipment. Dilute 1 part Security 0.25% Permethrin in 2 1/2 parts water. (For example, dilute 1/2 pint of Security 0.25% Permethrin in 20 ounces of water.) Use 2 fluid ounces of this dilute solution per 1,000 cubic feet (10 ft x 10 ft x 10 ft). Before fogging, close doors, windows and other openings to reduce air movement as much as possible. Apply by directing spray toward ceiling and corners until the area is filled with mist. While fogging, spray mist can also be applied over and around animals. Vacate treated area and ventilate before re-entering. Repeat treatment as necessary.

FOR USE ON HORSES, PONIES AND FOALS: To kill Stable Flies, Horse Flies, Face Flies, Horn Flies, Fleas, Mosquitoes, Lice, Mites and Ticks (including Deer Ticks), dilute 1 part Security 0.25% Permethrin in 1 1/4 parts water. (For example, dilute 1/2 pint of Security 0.25% Permethrin in 10 ounces of water.) Using a low pressure or

hand sprayer, mist the horse thoroughly, covering all parts of the body. NOT FOR USE ON HORSES OR FOALS INTENDED FOR SLAUGHTER.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with label directions and usage. In no event shall Seller's liability exceed the purchase price of this product.

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