

PM 03
270-367
01-19-99

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
270-307

Date of Issuance:
JAN 19 1999

NOTICE OF PESTICIDE:

x Registration
_____ Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Farnum Pet Spray 549

Name and Address of Registrant (include ZIP Code):

Farnum Companies, Inc.
c/o Adams Technology Systems
5145 Forest Run Trace-Suite B
Alpharetta, GA 30022-4504

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 your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No.270-307".
- b. Delete all references to use of the product on horses and ponies. Before this use can be accepted, you must submit a companion animal safety study supporting the safe use of this product on horses and ponies.

Signature of Approving Official:

See page 2

Date:

January 19, 1999

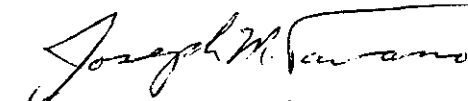
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3. Submit two (2) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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,



Marion J. Johnson, Jr.
Product Manager 10
Insecticide Branch
Registration Division (7505C)

[] OR () indicates alternate or optional wording

Farnam Pet Spray 549

Contains Biolar[®] [an] insect growth regulator [IGR]
 [Biolar[®]] [brand name] is an insect growth regulator similar to [naturally occurring] insect juvenile hormone, which stops [interferes with] insect growth and development
 [Biolar[®]] [brand name] stops [prevents] the fleas from developing into [egg laying] adults
 [Biolar[®]] [brand name] can be used as part of an integrated pest management [IPM] program
 [Biolar[®]] [brand name] keeps working in areas exposed to the sun
 [Biolar[®]] [brand name] Inhibits reinfestation of fleas for up to 100 days [14 weeks] [3 months]
 Kills adult fleas [and ticks]
 Aids in the quick removal of ticks
 Kills pre-adult fleas, including flea eggs for 100 days [14 weeks] [3 months]
 If adult fleas are introduced, their offspring will not become biting [reproductive] adults
 Prevents larval fleas from developing into the biting adult stage
 Prevents [stops] hatching fleas [pre-adult (larval) fleas] [eggs (hatching eggs) (larvae)] from becoming full grown (developing into) biting adults
 One treatment works for 100 days [14 weeks] [3 months] against hatching fleas [pre-adult (larval) fleas] [eggs (hatching eggs) (larvae)]
 Kills present (today's) fleas and prevents new (tomorrow's) fleas from developing into the biting adult stage
 [Biolar[®]] [brand name] activity keeps working for 100 days [14 weeks] [3 months]
 Prevents [stops] the emergence of [biting] [reproductive] adult fleas
 Flea eggs deposited on the dog [pet] will not develop into adult fleas
 [Biolar[®]] [brand name] acts on immature [life stages of] fleas, preventing them from developing into biting adults
 Aids in the control of flea bite dermatitis by killing [controlling] fleas
 Safe on miniature and toy breeds
 Kills [controls] and Repels: Fleas, Ticks, Lice, Flies, Mosquitoes and Gnats
 Also kills [controls] Deer Ticks and other tick [Ixodid] species that may carry and transmit Lyme Disease
 Kills, on contact, Ticks, Spiders, Ants, Roaches and other listed insects
 Effective long term control Ready-To-Use [RTU] Spray Non-Aerosol

For Horses and Ponies
 Controls Horse Bot Flies
 Prevents Bot Fly Eggs From Hatching
 Reduces Bot Fly Infestation by Killing Bot Fly Eggs
 Kills and Repels Horn Flies, Stable Flies, House Flies, Face Flies, Mosquitoes, Gnats, Lice and Ticks

ACTIVE INGREDIENTS:

Pyriproxyfen 2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine (Nylar [®])	0.125%
Pyrethrins	0.180%
*N-Octyl bicycloheptene dicarboximide	1.000%

INERT INGREDIENTS:	98.695%
Total	100.000%

*MGK[®] 264, Insecticide Synergist
 Nylar[®] and MGK[®] are registered trademarks of McLaughlin Gormley King Company

Keep out of Reach of Children
WARNING
 See Side Panel for Additional Precautionary Statements

EPA Reg. No. 270-

EPA Est. No.

Net Contents

ACCEPTED
 with COMMENTS
 In EPA Letter Dated:
JAN 19 1999

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
 270-307

[] OR () indicates alternate or optional wording

[Farnam Pet Spray 549] [brand name] kills [controls] insects [on contact] [such as]:

Fleas [adults (larvae) (eggs) (pre-adult)]	Sowbugs	Cockroaches
Ticks [that may carry and transmit Lyme Disease]	Millipedes	Smoky Brown Cockroach
Brown Dog Ticks	Beetles	Brown Banded Cockroach
Lone Star Ticks	Pillbugs	Asian Cockroach
Deer Tick	Centipedes	German Cockroach
Other Ixodid species	Spiders	American Cockroach
American Dog Tick	Scorpions	Australian Cockroach
Gulf Coast Tick	Ants	Oriental Cockroach
Lice	Flies	Crickets
Mosquitoes	Waterbugs	Palmetto Bugs

For use in areas [such as]: Animal Runs, Animal Holding Areas, Animal Quarters, Apartments, Attics, Automobiles, Basements, Bedrooms, Boarding Kennels, Boats, Campers, Closets, Condominiums, Decks, Dens, Dog Beds, Dog Houses, Dormitories, Floors, Garages, Gazebos, Homes, Hotels, Kennels, Kitchens, Lanais, Living Rooms, Motels, Patios, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Play Rooms, Porches, Recreational Vehicles, Rooms, Utility Rooms, Verandahs, Veterinary Clinics/Hospitals, Zoos.

[Farnam Pet Spray 549] [brand name] for [pets] [dogs] contains a combination of ingredients that stops [blocks (interrupts) (terminates)] the flea life cycle and controls other listed insects. The first active ingredient is [Biolar®] [brand name] the insect growth regulator which inhibits the development of the immature stages of the flea for 100 days [14 weeks] [3 months] preventing them from reaching the adult stage. [Biolar®] [brand name] is similar to insect growth hormones that occur naturally in insects. The second active ingredient is the botanical, Pyrethrum [an extract of a Chrysanthemum flower], which provides effect knock-down and quick-kill of insects upon direct contact.

The combination of ingredients in [Farnam Pet Spray 549] [brand name] for [pets] [dogs] kills adult fleas and the hatching fleas [pre-adult (larval) fleas] [eggs (hatching eggs) (larvae)] for 100 days [14 weeks] [3 months] before they grow up to bite. [Biolar®] [brand name] [the insect growth regulator] continues to kill [control] hatching fleas [pre-adult (larval) fleas] [eggs (hatching eggs) (larvae)] for 100 days [14 weeks] [3 months] by preventing their development into the adult biting stage. [Farnam Pet Spray 549] [brand name] can also be used to control [kill (interrupt) (terminate) (block)] fleas hidden in carpets, rugs, draperies, upholstery, pet bedding, floor cracks and cabinets. Occasionally adult fleas may be present in treated areas when reintroduced from infested animals.

As part of a complete flea control program treat pet, treat indoor and outdoor areas where animals frequent using EPA registered [brand name] outdoor [lawn] [home and garden] spray, [brand name] [pressurized] [Ready-to-Use] [RTU] flea and tick [indoor] [premise] spray.

[Farnam Pet Spray 549] [brand name] may be applied as a direct, contact spray to control fleas, ticks and other listed insect pests on premises.

[] OR () indicates alternate or optional wording

DIRECTIONS FOR USE

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

READ ENTIRE LABEL BEFORE EACH USE

USE ONLY ON DOGS

USE ONLY IN A WELL VENTILATED AREA

DO NOT TREAT DOGS UNDER 6 MONTHS OF AGE WITH THIS PRODUCT.

FOR DOGS [PETS]: Cover animal's eyes with a hand. Do not spray directly on mouth, nose and eyes. Spray head, ears and chest until damp. With finger tips, rub into face, around mouth, nose and eyes. Then spray from the neck to the tail, finishing legs last. For best penetration of spray to skin and on heavily coated animals, direct spray against the natural lay of the hair, spraying the ruffled hair directly behind the hand. Make sure the spray thoroughly wets ticks. [When used on miniature and toy breeds of dogs, towel dry the animal after 1/2 hour if not totally dry.] Do not repeat treatment for 30 days. Avoid contact with genitalia.

FOR USE IN PET [DOG] AREAS AND OTHER AREAS WHERE [DOGS] PETS FREQUENT: Treat pet [dog] bedding and other pet [dog] resting areas as these are primary hiding areas for fleas and ticks. To reduce infestation, spray around sleeping area, around baseboards, window and door frames, wall cracks, local areas of floors and other resting places until the surface is slightly moist. Also spray the entire inside surface of dog houses, [animal holding areas]. For best results, treat pet bedding, animal quarters and other resting areas [other listed pet areas]. No need to remove pet bedding after treatment. Do not allow pets to use treated areas until completely dry. Repeat as needed.

FOR HORSES AND PONIES: [Farnam Pet Spray 549] [brand name] combines the insecticidal and repellency action of synergised pyrethrins with Biolar® [brand name] [an] insect growth regulator [IGR]. [Farnam Pet Spray 549] [brand name] controls [kills] [repels] ticks, lice, mosquitoes, gnats, house flies, stable flies, horn flies, face flies and horse bots. Bot fly eggs sprayed with [Farnam Pet Spray 549] [brand name] will not hatch into adults.

Remove excess dirt and dust by brushing coat. Apply spray directly to horse's coat giving particular attention to legs, shoulders, flanks, neck and top line. To treat face, dampen a cloth with spray and rub on face and head, being careful to avoid eyes. Repeat as necessary. Apply a light spray mist sufficient to wet the surface of the hair while brushing lightly against the lay of the hair. Avoid spraying in eyes and mucous membranes. Apply with a sponge or soft cloth to these areas.

Not For Use on Horses or Foals Intended For Human Consumption.

[] OR () indicates alternate or optional wording

FOR PREVENTION OF HATCH OF HORSE BOT FLY EGGS: Spray infested areas directly at first sign of visible eggs, paying special attention to legs and shoulders. Spray to the point of dampness, but not to the point of run-off of the spray. For a high degree of bot fly egg control, spray animals every 3 - 5 days during the bot fly season.

TO CONTROL OTHER LISTED PESTS: Apply as a direct spray to control accessible stages of listed insects. Spray to thoroughly wet exposed insects. Direct spray into hiding places, cracks and crevices, along baseboards and around door and window frames. Repeat as needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal

Storage: Do not use or store near heat or open flame. Store away from children.

Disposal: Do not reuse container. Wrap and put in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

HUMANS: Causes eye irritation. Do not get in eyes or on clothing. Harmful if swallowed or inhaled. Avoid breathing mist. Keep out of eyes. Avoid contamination of food. Wash hands with soap and water after using.

ANIMALS: Avoid treatment of foals under 8 weeks of age unless prescribed by a veterinarian. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur.

PHYSICAL OR CHEMICAL HAZARDS: Flammable. Keep away from heat and open flame.

FIRST AID: **If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **If on skin:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists. **If in eyes:** Flush eyes with plenty of water. Get medical attention if irritation persists. **If inhaled:** Remove person to fresh air.

Manufactured for:
FARNAM PET PRODUCTS - (800) 825-2555
A Division of Farnam Companies, Inc.
Phoenix, AZ 85013