

270-329

11-22-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 22, 2011

Ms. Lorri Chavez, MBA, RAC  
Director of Regulatory Affairs  
Farnam Companies, Inc.  
301 W. Osborn Road  
Phoenix, AZ 85013-3921

**Subject: Revised Labeling; Addition of Uses on Dogs and Puppies  
Farnam X-5294-98, EPA Reg. No. 270-329  
Your Submission Dated July 8, 2011**

Dear Ms. Chavez:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following label revision provision(s):

General Comment(s):

1. Delete all text throughout the label marked with "strikethrough."

Optional Marketing Statements section comment(s):

2. Revise the 3<sup>rd</sup> optional marketing statement to read "Kills Six Fly Species, Ticks, Gnats and Fleas"
3. Insert the following text as a new 4<sup>th</sup> optional marketing statement: "Repels mosquitoes"

Ingredient Statement section comment(s):

4. In order to incorporate required label changes from the RED for piperonyl butoxide, you must:
  - Revise the listing of "Piperonyl Butoxide, Technical\*\*\*\*" to read "Piperonyl Butoxide\*\*\*\*"
  - Revise the 3<sup>rd</sup> footnote to read "\*\*\*\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds."

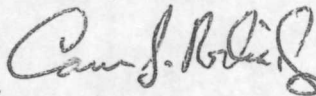
Directions for Use section comment(s):

5. At the end of 2<sup>nd</sup> sentence within the "FOR HORSES USE FULL STRENGTH:" subsection, replace the words "... , and lice." with the words "... , and lice, and to repel mosquitoes."
6. Revise the subsection heading "TO KILL AND REPEL FLYING INSECTS IN HORSE QUARTERS:" to read "TO KILL FLYING INSECTS AND REPEL MOSQUITOES IN HORSE QUARTERS:"
7. At the end of 1<sup>st</sup> sentence within the "TO KILL FLYING INSECTS AND REPEL MOSQUITOES IN HORSE QUARTERS:" subsection, replace the words "... , and lice." with the words "... , and lice, and to repel mosquitoes."
8. Revise the 7<sup>th</sup> sentence within the "FLEAS AND MOSQUITOES ON DOGS:" subsection to read "Reapply every 7-9 days."
9. Revise the 1<sup>st</sup> sentence within the "PET AREAS:" subsection to read "To kill Fleas and repel Mosquitoes in areas where dogs rest:"
10. Revise the subsection heading "TO KILL AND REPEL FLYING INSECTS IN ANIMAL QUARTERS:" to read "TO KILL FLYING INSECTS AND REPEL MOSQUITOES IN ANIMAL QUARTERS:"

A copy of your label stamped "Accepted with Comments" and the efficacy review completed for this amendment are enclosed for your records. Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely Yours,



*for*

Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

Enclosures: . . . Copy of label stamped "Accepted with Comments"  
Copy of efficacy review, dated November 21, 2011

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**Farnam X-5294-98**

Insecticide & Repellent

~~For Use on Horses, Ponies and Foals~~  
For Use on Horses, Dogs, and Their Premises,  
Including ~~and in~~ Horse Barns and Stables  
Water Based

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:  
*November 22, 2011*  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:

270-329

Kills and Repels Six Fly Species, Ticks, Gnats, Mosquitoes and Fleas

ACTIVE INGREDIENTS

Prallethrin*	0.033%
Permethrin**	0.100%
Piperonyl Butoxide, Technical***	0.500%
OTHER INGREDIENTS	99.367%
TOTAL	100.000%

- \* (RS)-2-Methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl (1R)-cis, trans chrysanthemate
- \*\* (3-phenoxyphenyl) methyl (+/-) cis/trans 3- (2,2 dichloroethenyl) 2, 2-dimethyl cyclopropane carboxylate; cis/trans ratio: min. 35% (+/-) cis and max 65% (+/-) trans
- \*\*\* Equivalent to 0.40% (Butylcarbityl) (6-Propylpiperonyl) ether and 0.10% related compounds.

ETOC is a registered trademark of Sumitomo Chemical Company, Limited

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**  
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured for:  
Farnam Horse Products  
A Division of Farnam Companies, Inc.  
P. O. Box 34820  
Phoenix, AZ 85067-4820

EPA Reg. No. 270-329

EPA Est. No. \_\_\_\_\_

NET CONTENTS: \_\_\_\_\_ ( FL. OZ.)



READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON HORSES, PONIES, ~~AND FOALS~~, DOGS AND PUPPIES  
NOT FOR USE ON HORSES INTENDED FOR SLAUGHTER

DIRECTIONS FOR USE

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

FOR HORSES USE FULL STRENGTH. This non-oily insecticide repellent may be applied with a trigger spray applicator, or as a wipe. Kills ~~and repels~~ stable flies, horse flies, face flies, deer flies, house flies, horn flies, ~~mosquitoes~~, gnats, ticks, fleas, chiggers, and lice. Not for use on horses intended for slaughter.

DIRECTIONS FOR TRIGGER SPRAY USE: Remove excess dirt and dust. Apply light spray mist to coat while brushing lightly against lay of the hair. Avoid spray in eyes and mucous membranes. Apply with sponge or cloth to those areas.

DIRECTIONS FOR WIPE-ON USE: Thoroughly brush horse to remove excess dirt and dust. Extremely dirty horses should be shampooed, rinsed, and allowed to dry before applying wipe. Use a sponge or clean soft cloth or mitt. Apply liberally over areas to be protected. Pay special attention to legs, belly, shoulders, neck, and facial areas. Avoid eyes and mucous membranes.

TO KILL ~~AND REPEL~~ FLYING INSECTS IN HORSE QUARTERS : Use this product in horse barns and stables to kill ~~and repel~~ stable flies, horse flies, face flies, deer flies, house flies, horn flies, ~~mosquitoes~~, gnats, ticks (including Deer Ticks), fleas, chiggers, and lice. Apply undiluted as either a surface spray or space spray (fog).

*Surface Spraying:* Use a good sprayer adjusted to deliver a coarse wet spray. Apply as a coarse wet spray using 1 pint per 1,000 square feet. Direct the spray wherever flies congregate or alight, until surfaces are moistened. Treat around doorways, feed storage rooms, alleyways and windowsills. Spray around outside of door facings and screens to render area unattractive to insects. This helps to repel insects and prevent entrance into building.

*Space Spraying:* Remove horses prior to application. Before application, close doors, windows and other openings and shut off ventilating systems to reduce air

movement as much as possible. Apply with a good machine adjusted to deliver a fine mist or fog. Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 2 fluid ounces per 1,000 cubic feet (10 ft x 10 ft x 10 ft). Apply by directing spray toward ceiling and corners until the space is filled with mist. For best results, keep doors and windows closed, when possible, for 10 minutes during spraying and after application. Applicator must not remain in treated area. After the 10 minute treatment period, the area should be opened and ventilated prior to reoccupation by humans or animals.

Do not use where livestock (other than horses) are housed or fed, or where livestock feeds are stored. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not repeat treatment more than once every day.

FLEAS AND MOSQUITOES ON DOGS: Start spraying at the animal's head, avoiding the eyes and mouth as you spray. Make sure the animal's entire body is covered including the legs, underbody and tail. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly, but do not saturate dog. Do not allow dog to become chilled. Avoid contact with genitalia. Reapply every day. ~~Do not use on puppies under three months of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals. DO NOT USE ON CATS. Sensitization may occur after using any pesticide product for pets. If signs of sensitivity occur, bathe your dog with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.~~

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PET AREAS: To control Fleas and Mosquitoes in areas where dogs rest: ~~on premise areas:~~ Thoroughly spray infested areas, ~~pet dog beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and local areas of floor and floor covering. Place fresh bedding should be placed in animal's quarters following treatment. Treat dog in conjunction with premise treatment. Concurrent treatment of animal is recommended.~~ Reapply everyday. Do not use on cat bedding.

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TO KILL AND REPEL FLYING INSECTS IN ANIMAL QUARTERS: Spray in areas where insects congregate. Direct spray to contact insects for rapid knockdown and kill. Spray around outside of door facings and screens to render area unattractive to insects. This helps to repel insects and prevent entrance into building.

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION

**HUMANS:** Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**ANIMALS:** Avoid contact with eyes, or mucous membranes. Avoid treatment of foals under 6 weeks of age unless prescribed by a veterinarian. Do not use on puppies under three months of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals. DO NOT USE ON CATS. Sensitization may occur after using any pesticide product for pets. If signs of sensitivity occur, bathe your dog with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

FIRST AID

IF SWALLOWED	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice</li> <li>Have a person sip a glass of water if able to swallow</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor</li> <li>Do not give anything by mouth to an unconscious person</li> </ul>
IF IN EYES	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF ON SKIN	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

In case of emergency or for product information, call 800-2234-2269

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS



This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur.

**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place inaccessible to children and pets. **DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.