



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 5th, 2025

Noelle Sanfilippo
Regulatory Affairs Specialist
Farnam Companies, Inc
1501 East Woodfield Road, 200W
Schaumburg, Illinois 60173

Subject: Label Amendment - Registration Review Mitigation for Pyriproxyfen and Permethrin
Product Name: FARNAM PURGE PLUS INSECTICIDE
EPA Registration Number: 270-278
Case Number: 477865
Application Dates: October 15, 2020 & January 13, 2021

Dear Noelle Sanfilippo:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Pyriproxyfen and Permethrin Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Caleb Carr by phone at 202-566-0636, or via email at carr.caleb@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division

Office of Pesticide Programs

ENCLOSURE: Stamped label

11/05/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 270-278

(Front)

FARNAM PURGE PLUS INSECTICIDE

ADAMS FLEA & TICK CONTROL FOR DOGS

[pleasant citrus scent]

FLEA & TICK CONTROL FOR DOGS AND PUPPIES OVER 12 WEEKS OF AGE

Font size for word "Dog" in product name must be at least 75% the height of the largest letter in the primary brand name

"FOR DOGS [15 lbs and Under][Between 15 & 33 lbs][Between 33 & 66 lbs]
[66 lbs & Over]

]

DO NOT USE ON CATS

Breaks flea life cycle!

Kills & repels fleas up to 3 to 4 weeks!

Kills flea eggs and larvae for up to 123 days!

Prevents flea eggs from developing into biting adults for up to 123 days!

Kills and repels mosquitoes!

Protects against blood feeding by mosquitoes (carrier of heartworm) up to 4 weeks!

Kills & repels ticks for up to 4 weeks!

Kills & repels deer ticks (carrier of lyme disease) for up to 4 weeks!

Kills & repels brown dog ticks (*rhhipicephalus sanguineus*) for up to 3 to 4 weeks!

Kills & repels American dog ticks (*dermacentor variabilis*) for up to 3 to 4 weeks!

Monthly application

Monthly flea, tick and mosquito treatment!

Kills and repels fleas and ticks for up to a month!

Kills and repels adult fleas for up to 3 to 4 weeks!

Kills flea eggs and larvae [for up to 4 months][for 123 days]!

Kills and repels ticks for up to [4 weeks][3 to 4 weeks] including deer ticks (carrier of lyme disease), brown dog ticks & American dog ticks!

Kills and repels [adult fleas] for up to 3 to 4 weeks

Premium protection for less!

With insect growth regulator - IGR

(Front Panel)

ACTIVE INGREDIENTS

Permethrin* (CAS #52645-53-1)45.0%

Pyriproxyfen (CAS #95737-68-1) (Nylar®)..... 5.0%

OTHER INGREDIENTS50.0%

TOTAL100.0%

*Cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional Precautionary Statements

DO NOT USE ON CATS

EPA Reg. No.:270-278

EPA Est No.:



(Minimum size 1.5 cm X 1.5 cm)

Nylar® is a registered trademark of McLaughlin Gormley King Company

U.S. Patent No. 5,942,525

(Back or Side Panels)

[Manufactured For]:

Farnam Companies, Inc.

1501 East Woodfield Road 200W

Schaumburg, IL 60173

Net Contents: XX [0.022 fl. Oz (0.65 ml)][.051 fl. oz. (1.5 ml)][.10 fl. oz. (3.0 ml)] [.15 fl. Oz. (4.5 ml)] Applicator

Mfg. & Printed in U.S.A.

Batch/Lot No. (lot number statements as needed)

READ ENTIRE LABEL BEFORE EACH USE
USE ONLY ON DOGS OR PUPPIES OVER 12 WEEKS OF AGE
DO NOT USE ON CATS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Hazards to Humans: Harmful if swallowed. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before use.

Hazards to Domestic Animals:

DO NOT USE ON CATS

May be toxic and potentially fatal if applied to or ingested by cats. Accidental application to cats and/or grooming a recently treated dog may result in tremors and/or unconditional muscle movements. If this occurs, immediate veterinary Care should be provided.

FOR EXTERNAL USE ON DOGS ONLY. Do not use on puppies under 12 weeks of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing dogs. Consult a veterinarian before using on dogs with known organ dysfunction. Certain medications can interact with pesticides. It is advisable to consult a veterinarian before using this product with any other pesticide or drug.

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have 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 IN EYES:	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for treatment advice.
[HOT LINE NUMBER] [You may contact 1-602-285-1660 for emergency medical treatment information.] [In case of emergency or for product information, call 800-234-2269, Monday-Friday, 7:00 AM – 3:45 PM MST.]	
Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.	

Adverse Reactions: Some dogs may be sensitive to ingredients in this product. Reactions may include skin sensitivity. Dogs may show lethargy, increased pruritus (itchiness), erythema (redness), rash and hair discoloration or hair loss at the application site. Observe the/your dog following treatment. Sensitivity may occur after using ANY pesticide product on pets. If signs of sensitivity occur bathe your dog with a mild, non-insecticidal shampoo and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

Physical or Chemical Hazards: Combustible. Do not use or store near heat or open flame."

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For indoor use only. Application of product on pets must only be done indoors.

DO NOT USE ON CATS or animals other than dogs. May be toxic and potentially fatal if applied to or ingested by cats. Do not get this product in your dog's eyes or mouth. Repeat applications may be made if necessary, but do not apply more often than once every 3 weeks, except to reapply after shampooing the dog.

HOW TO APPLY:

1. Remove product tube from package.
2. Holding tube with notched end pointing up and away from face and body, snap or cut off narrow end at notches.
3. Invert tube over dog and use open end to part dog's hair.
4. Squeeze tube firmly to apply all of the solution to the dog's skin.

[For Dogs Weighing Between 7 and 15 lbs (0.65 ml applicator tubes)]

5. Apply one tube (1.0 ml) as a spot or stripe to the dog's back between the shoulder blades.]

[For Dogs Weighing Between 15 and 33 lbs (1.5 ml applicator tubes)]

5. Apply one tube (1.5 ml) as a spot or stripe to the dog's back between the shoulder blades.]

[For Dogs Weighing Between 33 and 66 lbs (1.5 ml applicator tubes)]

5. Apply one tube (1.5 ml) as a spot or stripe to the dog's back between the shoulder blades and apply a second tube (1.5 ml) as a spot or stripe to the dog's back directly in front of the base of the tail.

OR

[(3.0 ml applicator tubes)]

Apply the entire tube (3.0 ml) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail or apply approximately half of the tube (1.5 ml) as a spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (1.5 ml) as a spot or stripe to the dog's back directly in front of the base of the tail.

[For Dogs Weighing 66 lbs and Over (1.5 ml applicator tubes)]

5. Apply one tube (1.5 ml) as a stripe to the dog's back between the shoulder blades and apply a second tube (1.5 ml) continuing the stripe down the center of the dog's back and apply a third tube (1.5 ml) to the dog's back directly in front of the base of the tail.]

OR

[(4.5 ml applicator tube)]

5. Apply the entire tube (4.5 ml) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail or apply approximately half of the tube (2.25 ml) as a spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (2.25 ml) as a spot or stripe to the dog's back directly in front of the base of the tail.

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool, dry area in a location inaccessible to children or pets.. [Protect from freezing.]

Pesticide Disposal and Container Handling: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for local disposal options. Do not dispose of down-the-drain or sewer.

Optional Text

[FARNAM PURGE PLUS INSECTICIDE is an effective and easy to use product. FARNAM PURGE PLUS INSECTICIDE has demonstrated greater than 92% control of fleas within one day of application. FARNAM PURGE PLUS INSECTICIDE prevents eggs from fleas on treated dogs from developing into biting adults for up to [4 months][123 days]. As with all flea and tick control products, FARNAM PURGE PLUS INSECTICIDE should be used as part of a program aimed at reducing flea populations in the dog's environment (bedding, carpets, kennel, yard). Consult your veterinarian, entomologist, or retailer for program recommendations.]

OR

[FARNAM PURGE PLUS INSECTICIDE is an effective and easy to use product. FARNAM PURGE PLUS INSECTICIDE has demonstrated greater than 92% control of fleas within one day of application. FARNAM PURGE PLUS INSECTICIDE prevents eggs from fleas on treated dogs from developing into biting adults for up to [4 months][123 days]. FARNAM PURGE PLUS INSECTICIDE kills and repels Deer Ticks (carrier of Lyme Disease), Brown Dog Ticks, and American Dog Ticks for up to [3 to 4 weeks][4 weeks]. FARNAM PURGE PLUS INSECTICIDE also kills and repels mosquitoes and protects against blood feeding by mosquitoes (carrier of heartworm) for up to 4 weeks.]

NOTICE OF WARRANTY

Farnam Companies, Inc. makes no warranty of merchantability, fitness for any particular purpose, or otherwise, expressed or implied, concerning this product or its uses which extend beyond the use of the product under normal conditions in accordance with the statements made on this label.

OPTIONAL LANGUAGE:

HOW TO APPLY:

[FOR SARAN TUBES IN BLISTER CARD:] Remove product tube from package. Holding tube with notched end pointing up and away from face and body, snap or cut off narrow end at notches. Invert tube over dog and use open end to part dog's hair. Squeeze tube firmly to apply all of the solution to the dog's skin. Wrap tube and put in trash.

OR

[FOR FLAT CARD (doubled) UNIT-DOSE PACKAGING:] [Separate cards along the perforated line. Holding separated card by its wide end with narrow end pointed up and away from face and body, cut along dotted line. Invert card over dog and use narrow end of the card to part dog's hair. Squeeze tube firmly to apply all of the solution to the dog's skin. Wrap card and put in trash.]

OR

[FOR FLAT CARD UNIT DOSE PACKAGING:] [[For push pin type applicator]
Remove one product tube from card. With cap end pointed up and away from face and body, depress cap to pierce tube end. Carefully remove cap, invert tube over dog, and with tube in close to dog's skin, squeeze tube to apply product. Wrap empty tube and put in trash.]

OR

[FOR FOLDING CARD OR TABBED CARD UNIT-DOSE PACKAGING:] [Remove product tab by tearing along perforation. Holding tab with tube end pointed up and away from face and body, cut along dotted line. Invert tab over dog and use narrow end of card to part dog's hair. Squeeze tube firmly to apply all of the solution to the dog's skin.]

OR

[FOR BLISTER CARD WITH TRI-LAYER TUBES:] [Remove product tube(s) from package. Fold along perforation between tubes and tear off one (or more) tube(s). [Return unused tubes to package.] Holding tube with notched end pointing up and away from face and body, snap off [or cut] narrow end at notches. Invert tube over dog and use open end to part dog's hair. Squeeze tube firmly to apply all of the solution to the dog's skin.]

[** FOR MULTI-DOSE PACKAGING: Withdraw 1.0 ml (1.5 ml)(3.0 ml)(4.5 ml.) of solution at a time. Apply entire given dose directly to the skin at the indicated locations.]

[** FOR DROPPER BOTTLE MULTI-DOSE PACKAGING: Insert dropper tube into insecticide solution, squeeze bulb and then release to fill tube barrel to 1.0 ml (1.5 ml)(3.0 ml)(4.5 ml.) line. Position dropper tube end in dog's hair next to skin and squeeze bulb to apply all of the solution to the dog's skin as indicated for dog's size.]

[** FOR SALE TO VETERINARIANS ONLY]

TEXT FOR TUBE/APPLICATOR LABEL (folding card and flat card packaging designs)

Product Name



PERMETHRIN 45% W/W

PYRIPROXYFEN 5% W/W

KEEP OUT OF REACH OF CHILDREN

CAUTION

READ DIRECTIONS [AND PRECAUTIONS] BEFORE USING [If Space Permits]

EPA Reg. No. 270-278

Net Contents

TAB LABEL (folding card and tabbed card packaging designs)

PRODUCT NAME



ACTIVE INGREDIENTS

Permethrin (CAS #52645-53-1)	45.0%
Pyriproxyfen (CAS #95737-68-1) (Nylar®).....	5.0%

KEEP OUT OF REACH OF CHILDREN

See main label for additional precautions and instructions for use

EPA Reg. No. 270-278

OUTER BOX LABEL (Contains the following labeling plus full product label)

PRODUCT NAME

BIOLAR (*Nylar) inhibits development of the immature stages of the fleas for up to 4 months preventing them from reaching the biting adult stage.

- Nylar – Registered Trademark of McLaughlin Gormley King and Company

PICTURE OF FLEA LIFE CYCLE HERE

As part of a complete flea control program Use Bio Flea Halt! Outdoor Yard Spray Concentrate and Bio Flea Halt! Carpet Powder or Carpet Spray with Biolar Insect Growth Regulator, along with on-animal flea and tick products.

4 STEPS FOR COMPLETE FLEA CONTROL

- Step 1 – Shampoo or dip your dog.
- Step 2 – Treat indoor and outdoor premise with Bio Flea Halt! indoor and outdoor sprays, foggers and powders.
- Step 3 – Apply Bio Spot-On for up to four weeks' adult flea and tick control.
- Step 4 – Maintenance treatments with on-animal sprays and powders.