



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 6, 2023

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

Subject: Registration Review Label Mitigation for Permethrin and Prallethrin  
Product Name: Farnam X-5303-98  
EPA Registration Number: 270-328  
Application Dates: 11/18/2020 and 12/23/2020  
Decision Numbers: 568985 and 568172

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 Permethrin and Prallethrin 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. 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.

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If you have any questions about this letter, please contact Carolyn Smith by phone at (202)566-2273, or via email at [smith.carolyn@epa.gov](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly Sherman", with a long horizontal flourish extending to the right.

Kelly Sherman  
Chief, Risk Management & Implementation Branch III  
Pesticide Re-evaluation Division  
Office of Pesticide Programs

Enclosure

# FARNAM X-5303-98

Alternate brand name: Mosquito Halt® Repellent Spray for Horses

Repellent spray for horses

Quick knockdown, kill and repellency for control of mosquitoes

Repellent spray with soothing aloe and lanolin for horses, ponies & foals

Contains two insecticides and two repellents for use on horses for residual control of mosquitoes, gnats, face flies, stable flies, house flies, mites, chiggers and lice

For control of mosquitoes, gnats, face flies, stable flies, house flies, mites and lice

Contains two insecticides and two repellents that provide control and repellency for gnats, flies, mosquitoes mites, chiggers, fleas, ticks and lice

Repels before mosquitoes bite

## ACTIVE INGREDIENTS:

Permethrin (CAS #52645-53-1) .....	0.20%
Prallethrin (CAS #23031-36-9).....	0.13%
Piperonyl Butoxide* (CAS #51-03-06).....	0.50%
N-Octyl bicycloheptene dicarboximide (CAS #113-48-4) .....	2.00%
Di-n-propyl isocinchomeronate (CAS #136-45-8) .....	1.00%
Butoxypolypropylene glycol (CAS #9003-13-8) .....	5.00%

**OTHER INGREDIENTS:**..... 91.17%

**TOTAL** ..... 100.00%

\*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

Maximum application for rate of use: 13.7 oz (405 mL)

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Net Contents:

EPA Reg. No. 270-328

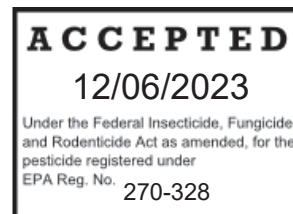
EPA Est. No.

Manufactured for:

Farnam Companies, Inc.

1501 East Woodfield Road 200W

Schaumburg, IL 60173



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

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

**Hazards to Humans:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear appropriate eyewear (such as goggles or face shield). Wash hands thoroughly with soap and water promptly after use and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Hazards to Animals:** Avoid contact with eyes, or mucous membranes. Do not treat foals under 12 weeks of age unless prescribed by a veterinarian. Do not apply over cuts, wounds, or irritated skin. Do not allow the product to contact animal's eyes, nose, or mouth. Apply sparingly around ears. Sensitivities may occur after using any pesticide product for animals. If signs of sensitivity occur, bathe the animal with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• 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>
Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-234-2269, twenty-four (24) hours per day, seven (7) days per week.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. This product may contaminate water through run-off. This product has potential for run-off for several months or more after application. Poorly draining soils or soils with shallow water tables are more prone to produce run-off that contains this product. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. See Directions for Use for additional precautions and requirements.

This pesticide 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.

## PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE. Keep away from heat and open flame. Contains alcohol. Do not apply to painted or finished wood surfaces.

## DIRECTIONS FOR USE

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

## USE RESTRICTIONS

Do not contaminate food or feedstuffs.

Read and follow all directions and precautions on this product label.

**THIS PRODUCT IS FOR INDOOR USE ONLY.**

Do not allow to enter indoor or outdoor drains. (No permita la entrada a desagües internos o externos.) Follow proper disposal procedures on this label. (*Siga las indicaciones del etiquetado para el desecho apropiado del producto.*)



Not for broadcast use on indoor residential surfaces.

Not for use on horses or foals intended for slaughter.

Not for use in outdoor residential misting systems (Indoor or Outdoor)

Application of product on horses, ponies or foals must only be done indoors.

Do not breathe vapors or spray mist.

Do not spray when food is present.

Do not apply more than 1 time per day.

Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Do not allow adults, children, or pets to enter the treated area until sprays have dried.

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Only protected handlers may be in the treated area during application.

Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, storm drains, water bodies, or aquatic habitat can occur.

Remove pets, birds, and cover fish aquariums before spraying.

#### USE ONLY IN WELL VENTILATED AREA

#### HOLD BOTTLE IN UPRIGHT POSITION WHEN SPRAYING

For initial treatment, apply daily for 2-3 days. [After initial application, retreatment would be appropriate one to two times weekly.] [Retreat every 3 –5 days after initial treatment.] Also reapply every time animal is washed or exposed to heavy rain.

Horses, Ponies and Foals: Thoroughly brush the horse's coat prior to application, to remove loose dirt and debris. For dirty horses, and as a preparation for show grooming, clean the coat with a shampoo. Wait until coat is completely dry before applying spray. Cover entire surface of animal with spray but avoid getting product into horse's eyes or other sensitive areas such as mouth or nose. Brush coat against grain while spraying to insure adequate penetration of product. As a wipe, apply with a clean cloth or sponge. Make sure spray has completely dried before covering with any tack. Do not use on horses or foals intended for slaughter.

#### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry (preferably locked) area that is inaccessible to children and pets and away from heat, sparks, or open flames. If a leaky container must be contained within another, mark the outer container to identify the contents. Do not store near heat or open flame. Store pesticides away from food, pet food, seed, fertilizers, and veterinary supplies.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Container 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 local disposal options. Do not pour or dispose of down the drain or sewer.

Call with comments or questions 800-234-2269.