

270-376

07/15/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUL 15 2008

Ms. Lorri Chavez
Farnam Companies, Inc.
301 W. Osborn Road
Phoenix, AZ 85013

Dear Ms. Chavez:

Subject: Amendment - Add 1 day protection claim and directions
Farnam Crash! II Fly Spray
EPA Reg. No. 270-376
Your submission dated February 7, 2008

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided the following revisions are made prior to release for shipment: under the amended labeling:

- 1. Based on the submitted data, a one-day protection claim is supported by the application of 2 ml. of product to a horse. Change the label to reflect this dosage rate as shown below, or delete the "1 Day Protection" application rates and directions from the table.
2. Based on the submitted study, the product is efficacious as a repellent for three days at the 40 ml. per horse application rate. Larger horses will require more product.
3. Revise the Residual Protection table as follows:

Table with 5 columns: Size of Horse, Up to 1 day protection (ml/horse, Applic. Time (Seconds)), Residual Protection (5-7 days) (ml/horse, Applic. Time (Seconds)). Rows include Under 800 lbs., 800-1200 lbs., and Over 1200 lbs.

A copy of the Agency's efficacy review is enclosed for your records.

A stamped copy of the label is enclosed for your records. Please submit 3 copies of labeling bearing the above revisions prior to release for shipment under the amended labeling.

Sincerely,

Dane R. Pelitt

for George LaRocca.
Product Manager 13
Insecticide Branch
Registration Division (7505P)

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FARNAM CRASH! II FLY SPRAY

FOR HORSES

PROTECTS FOR 5 TO 7 DAYS!

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:
JUL 15 2008

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
270-376**

FARNAM CRASH! II FLY SPRAY is an insecticide/repellent, which will provide your horse with effective, economical, 5 to 7 day protection from flies, such as House Flies, Face Flies, Horn Flies, Stable Flies, and Black Flies and from biting gnats such as Punkies and No-see-ums. Contains a sunscreensing agent for added protection and beneficial conditioners for the skin and coat.

ACTIVE INGREDIENTS:

Cypermethrin (CAS #52315-07-8).....	0.60%
Pyrethrins (CAS #8003-34-7).....	0.80%
Piperonyl Butoxide Technical* (CAS #51-03-6).....	6.40%
Di-n-propyl isocinchomeronate (CAS #136-45-8).....	2.00%
Butoxy Polypropylene Glycol (CAS #9003-13-8).....	20.00%
OTHER INGREDIENTS: **	<u>70.20%</u>
Total	<u>100.00%</u>

*Equivalent to 5.12% (butylcarbityl)(6-propylpiperonyl) ether and 1.28% of related compounds.
**Contains Petroleum Distillates

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

NET CONTENTS: ___ fl oz

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID	
IF ON SKIN OR CLOTHING:	If you suspect a reaction to this product: <ul style="list-style-type: none"> • Discontinue use. • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice.
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.
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
In case of medical emergencies or health and safety inquiries, or in case of fire, leaking or damaged containers or for product use information, Call 1-800-234-2269.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For animal use only. Not for use on humans. Do not use on horses or foals intended for slaughter. Do not apply over cuts, wounds, or irritated skin. Do not apply near eyes and mouth. Apply sparingly around ears.

IMPORTANT: Read and understand User Manual BEFORE using sprayer.

To protect horses from House Flies, Face Flies, Horn Flies, Stable Flies, Black Flies, Horse Flies, Deer Flies, Lice and Ticks, and from biting gnats such as Punkies and No-see-ums, thoroughly brush the horse's coat prior to application to remove loose dirt and debris. For dirty horses, shampoo and rinse thoroughly. Wait until coat is completely dry before applying FARNAM CRASH! II FLY SPRAY.

To install cartridge: Slide handle into base of cartridge until it snaps into place. [When installed, nozzles will be on same side as handle trigger.]

DO NOT SPRAY DIRECTLY ONTO THE HORSE'S FACE. For horse's face, always apply as a wipe using a piece of clean, absorbent cloth or toweling (Turkish) as instructed below.

To spray horse's body and legs:

- Remove nozzle cover and clip to top of cartridge.
- Turn [color] lever on end of cartridge to "on."
- Slide power switch (toward you) to "on," solid amber light in front of the switch indicates unit is ready for use.
- Hold [brand] sprayer with nozzles pointing toward horse, about 6 to 10 inches away, and pull [depress] and hold trigger to begin spraying.
- Move [brand] sprayer across horse's entire body, legs and tail until the required number of beeps has been heard. [representing the desired application amount] [see dosing chart]
- While spraying, [indicator] light will flash. An audible beep will be heard every 6 seconds to measure the amount of repellent applied. (See dosing chart for correct amount for horse's weight.)
- With the trigger pressed, three rapid beeps and simultaneous [indicator] light flashes indicate either the cartridge is empty or the [color] lever is closed.
- When first turned on (trigger not pressed), repeated single beeps each with 3 rapid [indicator] light flashes indicate the batteries must be replaced.

To apply FARNAM CRASH! II Fly Spray repellent to the horse's face: [For best results, first moisten clean cloth or towel with water]. Holding FARNAM CRASH! II sprayer nozzles 2"-4" away from [clean] cloth or towel (Turkish), spray required amount then use cloth or towel to wipe onto horse's face. Wear protective gloves when applying as a wipe. For up to one day protection, spray 2-4 beeps (3-4.5 ml); for residual protection, spray 4-8 beeps (6-12 ml).

FARNAM CRASH! II Fly Spray is a formula that can be applied at two different doses; see Dosing Chart for amounts. **For up to one-day protection** [To repel flies for up to [one day] [24 hours] [To control flies for up to [one day] [24 hours]: apply the one-day dose no more often than once daily. **For residual protection:** apply residual dosage every 3-4 days for the first week. As protection builds, reapply residual dose every 5-7 days as needed. Also, reapply each time the animal is washed or exposed to rain.

Dosing Chart

Size of Horse	Up to 1 Day Protection		Residual Protection (5-7 days)	
	Approximate ml per horse	Beeps [(Flashes)] per horse	Approximate ml per horse	Beeps [(Flashes)] per horse
Up to 800 lbs	6	4 [(24)]	30	20 [(120)]
800 -1200 lbs	7.5	5 [(30)]	40.5	27 [(162)]
Over 1200 lbs	9	6 [(36)]	45	30 [(180)]

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in a cool, dry place inaccessible to children and pets.
DISPOSAL: 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 or call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA REG. NO. 270-376

EPA Est. No. XXX-XX

FARNAM COMPANIES, INC.
 Horse Products Division
 P.O. Box 34820
 Phoenix, AZ 85067-4820

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DATE CODE

Applicator Claims

- Comfortable [grip] [ergonomic design] for easy [handling] [spraying] [application]
- Durable [applicator] [sprayer] backed by 6-month warranty
- Reliable [Reusable] [applicator] [sprayer] features replaceable AA batteries
- Reliable [Reusable] [applicator] [sprayer] designed to operate for up to two years
- Won't leak, clog or drip
- Consistently delivers an even spray [pattern] [with every application]
- [Provides even coverage] [Dispenses spray in a linear pattern] that is easy to control and direct onto the horse
- Sprays easily from all angles – even upside down
- Sprays evenly every time, from every angle
- Sprays under belly and between legs [even hard-to-reach areas] with ease
- [Applicator] [Sprayer] is designed to spray when held upside down
- [Applicator] [Sprayer] conveniently and easily covers hard-to-reach areas of the horse
- Provides [timesaving] [convenient] application due to linear, wide nozzle configuration
- Simple push-button spray [operation] [design] [technology] eliminates hand fatigue
- Unique handle design eliminates hand fatigue and potential for trigger [failure] [breakage]
- [Brand] Advanced technology ionizes spray particles creating a magnetic effect
- Horse's body attracts ionized spray particles so more fly [repellent] [spray] gets on the horse, minimizing waste
- Less product waste
- No large spray cloud is formed
- [Conveniently] Fits into tack boxes and hangs easily from a stall hook or nail
- Less waste to throw away (disposable cartridges are smaller than 32-ounce spray bottles and less product residue is left in the cartridge due to efficiency of the technology)
- [Quiet] [Non-threatening] sound won't spook horses
- Dose meter feature provides user with visual and audible cues to [control the amount] [to optimize the amount] [deliver the right amount] of repellent applied to the horse
- Dose meter [forces] [enables] [encourages] compliance with [label directions] [correct] [appropriate] [proper] [dosing] [application]
- No messy [inconvenient] [annoying] dripping [leaking]
- [Applicator] [Sprayer] produces consistent spray particle size which prevents respiration of the repellent during application

- [Applicator] [Sprayer] handle designed for use only with [Farnam] [Brand] refill cartridges
- Powered by Opt-EFX Technology

Farnam Claims

- We [Farnam] design our products with the horse [and horse owner] [consumer] in mind
- We [Farnam] [Brand] make(s) fly control simple
- We [Farnam] [Brand] deliver(s) cutting edge [revolutionary] [new era] fly control
- [We] [Farnam] [Brand] provide ultimate fly control for your horse
- [We] [Farnam] [Brand] delivers [introduces]
- [We] [Farnam] [Brand] provide fly control at your fingertips