

270-376

06/15/2007

119



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number: 270-376

Date of Issuance: JUN 15 2007

Term of Issuance: Conditional

Name of Pesticide Product: Farnam Crash II Fly Spray for Horses

NOTICE OF PESTICIDE:

- X Registration
Reregistration

(Under FIFRA as amended)

Farnam Companies, Inc.
301 West Osborn Road
Phoenix, Arizona 85013-3928

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. You will 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. You will make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read "EPA Registration Number 270-376."

Signature of Approving Official:

Date:

2/9

Page 2.

EPA Reg. No. 270-376

b. Based on the acute toxicity profile for this product change Hazards to Humans and Domestic Animals section to "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."

The statements "For Animal Use Only. Not for use on humans" should be moved to the Directions for Use section.

c. You may delete the IF Inhaled section under First Aid since the toxicity category for inhalation is a Category IV.

d. "Delete the "1 Day Protection" applications rates and directions from the table and the label. This claim and related directions for use are not supported by data.

e. Based on our review of the efficacy you must revise the Residual Protection table as follows:

Up to 800 lbs.- apply 45ml
800-1200 lbs.- apply 60ml
1200 lbs. or greater- apply 75ml

These rates are supported by the cited data. The cited "me too" label does not have a specific application rates. The cited label contains directions for preparation of a 1:3 dilution and spraying/wipe down instructions with no application quantities stated.

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

f. The following Farnam claims on page 6 are acceptable. The remaining claims are not acceptable and must be deleted since they contain superfluous words or phrases that has nothing to do with use of the pesticide and/or are claims implying that benefits will derive solely from use of the pesticide when other factors contribute in equal or greater measure. "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] and "We [Farnam] [Brand] provide fly control at you fingertips".

g. The word "New" can be used on labeling produced for a period of six months from the date of this Registration Notice.

3/9

Page 3.

EPA Reg. No. 270-376

3. You must generate studies corresponding to guidelines 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics). You are required to generate the one year storage stability study under warehouse conditions. The observations must be made at 0, 3, 6, 9, and 12 months intervals. The corrosive characteristic study may be carried at concurrently. The results must be submitted to the Agency along with and electronic format also.

ACUTE TOXICITY REVIEW

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	46812701	IV	Cited
Acute Dermal	46812702	IV	Cited
Acute Inhalation	47009602	IV	Cited
Eye Irritation	46812703	III	Cited
Dermal Irritation	46812704	III	Cited
Dermal Sensitization	46812705	Yes	Cited

4. Please note that a notice of availability of EPA's registration eligibility document (RED) for product containing Cypermethrin was published in the FR on August 16, 2006 (Vol 71 No 158 page 47210-47212). Additional data and/or labeling changes may be required for products containing Cypermethrin.

5. Please submit two (2) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

4/9

FARNAM CRASH! II FLY SPRAY

FOR HORSES

PROTECTS FOR 5 TO 7 DAYS!

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 15 2007

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

FARNAM CRASH! II FLY SPRAY is an insecticide/repellent, which will provide 270-376 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 suncreening 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**

5/9

For animal use only. Not for use on humans. Harmful if inhaled. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse. Causes moderate eye irritation. Avoid contact with eyes, skin 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 INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • Call a poison control center or doctor for further 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.

6/9

DIRECTIONS FOR USE

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

7/9

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:** apply the one-day dose no more often than once per day. **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
Under 800 lbs	4.5	3 [(18)]	22.5	15 [(90)]
800 - 1200 lbs	6	4 [(24)]	30	20 [(120)]
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-XXX

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

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

Farnam Claims

- New [efficient] [effective] [convenient] way to control flies on horses
- 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] can liberate you from the daily hassles of fly [control] [spray] [repellent] application
- [We] [Farnam] [Brand] can empower you to [optimize] [make the most of] your [ride][time]
- [We] [Farnam] [Brand] provide[s] sheer riding pleasure
- [We] [Farnam] [Brand] provide ultimate fly control for your horse
- [We] [Farnam] [Brand] provide pure enjoyment for you and your horse
- [We] [Farnam] [Brand] delivers [introduces]
- [We] [Farnam] [Brand] clear the path for the ultimate [perfect] ride
- [We] [Farnam] [Brand] provide fly control at your fingertips
- Sophisticated fly spray for the savvy horse [woman][man][owner][person]
- Pure satisfaction in the saddle
- Total harmony on horseback
- Optimize your training time
- Time in the saddle is time well spent
- Because riding time is sacred time
- Ride above the distractions