

228-243

08/27/2004

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

AUG 27 2004

Russell F. Sawyer
Nufarm Americas, Inc.
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60527-0866

Dear Mr. Sawyer:

Subject: Riverdale Cattle Spray
EPA Reg. No. 228-243
Submission dated 6-28-04

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Add the following footnote to the ingredient statement:
Contains petroleum distillate

In the First Aid statements, revise the **If Swallowed** statements to read as follows:
If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Add the following below the First Aid Statements:
Note to physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.

Since this product is a liquid, in the directions for use, use fluid ounces as the appropriate unit of measure.

Correct the first sentence of the third paragraph of the directions for use to read as follows:

To protect dairy stock from horn flies...

Revise the Precautionary statements to read as follows:

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Add to the beginning of the Environmental Hazards Statements the following:

For terrestrial uses:

At the end of the Environmental Hazards statements add the following:

Do not contaminate water when disposing of equipment washwater or rinsate.

One copy of the finished labeling must be submitted prior to releasing the product for shipment. If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

for Ann Sibold

Richard Gebken
Acting Product Manager 10
Insecticide Branch
Registration Division (7505C)

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RIVERDALE®

CATTLE SPRAY

CONTAINS PYRETHRINS

KILLS - REPELS

FOR THE PROTECTION OF DAIRY ANIMALS
FROM HORN FLIES, MOSQUITOES AND GNATS
AND FOR CONTROL OF STABLE FLIES IN BARN AND MILK HOUSES

ACTIVE INGREDIENTS:

Piperonyl butoxide Technical*30%
Pyrethrins03%
INERT INGREDIENTS:	99.67%
	TOTAL	100.00%

*Equivalent to 0.24% (butylcarbityl)(6-propylpiperonyl) ether and 0.06% related compounds.

Riverdale is a Registered Trademark of Nufarm Americas Inc.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 27 2004

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
228-243**

KEEP OUT OF REACH OF CHILDREN

CAUTION

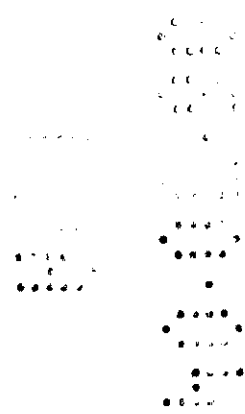
**SEE BACK PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

NET CONTENTS: ONE GALLON

EPA REG. NO. 228-243

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS INC., BURR RIDGE, ILLINOIS 60527-0866



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

Harmful if swallowed or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. Wash with soap and warm water after use.

Keep milking utensils and milk covered while spraying.

FIRST AID STATEMENT

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

IF SWALLOWED: 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Riverdale Cattle Spray is a special insecticide formulation compounded for the dairy industry. It contains piperonyl butoxide and pyrethrins. Riverdale Cattle Spray is especially effective for rapid and economical control of horn flies on dairy cattle and for their protection from stable flies, mosquitoes and gnats.

To protect dairy stock room horn flies, houseflies, stable flies, gnats, mosquitoes, spray twice daily just before milking time, using 1 to 2 ounces per head, applied as a light mist. After a week of such treatments, spraying may be reduced to once a day and then if your experience justifies, reduce the spraying to once every other day, and by the 3rd or 4th week, try one treatment every few days. A set rule does not always work, but it has been found that the above timing of treatment is usually sufficient to maintain adequate protection against horn flies and mosquitoes both in the barn and in the pasture. **NOTE -** This insecticide may be used as an inhibitor of the development of bloodsucking and biting lice on cattle. Spray about 2.5 ounces on mature animal, then brush into the hair thoroughly so as to reach the hide, paying particular attention to infested areas. This treatment should be repeated only when necessary and not more often than once in three weeks. Use Riverdale Cattle Spray in barns, houses and milk houses for effective control of flies. Direct the mist toward the upper portions of the enclosure, filling the air with spray, and using approximately 2 ounces of material for each 1,000 cubic feet of space. Whenever possible, keep door and windows closed for 10 minutes after application. The better control of the mist, the better the results. A repeat application, if necessary, should be made for protection of the animals and the reduction of flies in barns and milk houses.

STORAGE AND DISPOSAL

STORAGE: Store in cool, dry area. Always store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticides. Containers should be opened in well-ventilated areas. Do not contaminate water, feed or foodstuffs by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal.

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CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

NOTICE: Follow directions carefully. Local conditions may affect the use of this chemical. Timing and method of application, weather and crop conditions, mixing with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of the material not in strict accordance with directions given herewith. (RV 062804)

