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JUN 29 1987

Mr. Bert Atama
Universal Cooperatives, Inc.
7801 Metro Parkway
P.O. Box 460
Minneapolis, MN 55440

BEST AVAILABLE COPY

Dear Mr. Atama:

Subject: Amended Labeling - Additional Precautions for Livestock Spraying
Stock Spray Concentrate
EPA Registration No. 1386-436
Your Amended Application Dated November 7, 1986

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. In the Environmental Hazard section, delete the phrase "Keep out of lakes, etc. . . ." and replace it with the phrase "Do not apply to any body of water."
2. The instructions for eye treatment should be revised to read:

If In Eyes: Flush eyes with plenty of water.
Get medical attention if irritation persists.
3. Petroleum distillates should be included in the total percentage of inert ingredients since it is not active in this formulation. Since it presents an aspiration hazard if ingested, include the phrase "Contains Petroleum Distillates" immediately beneath the ingredient statement. Asterisk this phrase to Inert Ingredients.

88016; I: Heyward; LR-11; KENCO: 7/1/87; 8/10/87; cdb; vo; dsq; cdb;

CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

4. Delete "During commercial or prolonged exposure . . ." and revise to read, "During space spraying indoors-mixing-loading operations . . . etc."
5. Add the following to the "Barn Spraying" directions:

When used in enclosed areas do not remain in treated areas after spraying. Ventilate the area before reentering.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

DIRECTIONS FOR USE (CONTINUED)

To control lice and winter ticks on dairy cattle, beef cattle, sheep, goats, and hogs, mix 1 pint of this concentrate in 15 gallons of water (0.1% CIODRIN insecticide), or mix 2 1/2 pints of this concentrate in 15 gallons of water (0.25% CIODRIN insecticide). Spray animals thoroughly using on each animal, up to 2 gallons of the 0.1% concentration, or up to 1 gallon of the 0.25% concentration. Make a second application 14 days later. Then, repeat applications at 14 day intervals, as necessary to maintain control.

LOW-VOLUME SPRAYING—To control face flies on dairy cattle and beef cattle, mix 4 tablespoonsful (2 fluid ounces) of this concentrate in 1 1/2 pints of water (1 1/4% CIODRIN insecticide). Use a calibrated sprayer to apply 5 ml. (approximately 1 teaspoonful) to the face of each animal and a total of 5 to 10 ml. (approximately 1 to 2 teaspoonsful) to the back and legs of each animal three times per week.

To control stable flies, horn flies, house flies, and face flies on dairy cattle and beef cattle, mix 4 tablespoonsful (4 fluid ounces) of this concentrate in 1 1/2 pints of water (2% CIODRIN insecticide). Apply as an atomized spray distributed uniformly over each animal, particularly the sides, including the belly, flanks, and withers, down each leg, over the back and around the poll, using 1 to 2 fluid ounces per animal. Apply daily with a conventional hand or water sprayer.

Improved control of face flies may be achieved by dissolving 1 level tablespoonful of jar per pint of spray solution.

BARN SPRAYING—To control house flies in livestock buildings, including dairy barns, mix 1 part of this concentrate in 11 parts of water by volume (1% CIODRIN insecticide). Apply uniformly and thoroughly to resting place of flies, such as inside and outside walls, lint, windows, and frames, eaves, and fences, at the rate of 1 gallon per 1,000 square feet surface. Repeat at least twice monthly as necessary to maintain control.

Improved control of house flies may be achieved by dissolving 1 level tablespoonful of jar per pint of spray solution.

BACK RUBBER APPLICATIONS—To use in back or face rubber devices to control horn flies and face flies on dairy cattle and beef cattle, mix 1 pint of this concentrate in 1 1/4 gallons of suitable petroleum oil such as diesel fuel. Use this solution to saturate fabric lining or to fill tank of device. Back rubber or face rubber devices should be readily accessible to the cattle, preferably so the cattle will be forced to rub against them in going from one area to another. Service and refill device as required.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

NOTICE

Use only for the purposes and in compliance with the limitations, cautions or warnings on this label.

75-10-83

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Stock Spray Concentrate


**KEEP OUT OF REACH OF CHILDREN
WARNING**

See Side Panel For Additional Precautionary Statements

ACTIVE INGREDIENTS	
Dimethyl phosphorothioic acid (methidathionyl 3-hydroxy-6-isopropyl-2-pyridylmethyl ester)	13.2%
Petroleum hydrocarbon	78.4%
INERT INGREDIENTS	
Total	100.0%

CIODRIN™, Reg. U.S. Patent, Sta. U.S. Pat. Co.
Contains 1 pound CIODRIN™ insecticide per gallon.

Net Volume: 1 Quart EPA Reg. No. 1386-436
Product 257 EPA Est. No. 1386-OH-1



UNIVERSAL COOPERATIVES, INC., MINNEAPOLIS, MN 55440

1386-436

DANGER

PRECAUTIONARY
HAZARDS TO
WARNING

May be fatal if swallowed, inhaled or absorbed. Do not get in eyes, on skin or on clothing after handling and before eating or smoking. Avoid prolonged exposure in spray-mixing and loading gloves and a mask or respirator meeting the standards of the Environmental Protection Agency and the U.S. Department of Labor, Occupational Safety and Health Administration and by the U.S. Coast Guard. Do not contaminate feed and foodstuffs.

STATEMENT OF PRACTICE

If swallowed, call a physician or poison control center. Do not induce vomiting unless directed to do so by a physician. If in eyes, flush with clear water. Do not induce vomiting or give anything by mouth to a victim. Remove victim to fresh air. Apply respiration if needed. Wash affected areas with soap and water for at least 15 minutes. Call a physician immediately.

Note to Physician: Atropine is antidotal.

ENVIRONMENT

This pesticide is toxic to fish and wildlife. Apply when weather conditions favor drift from water by cleaning of equipment or disposal of water.

PHYSICAL OR CHEMICAL

Flammable: Keep away from heat and open flame.

DIRECTIONS

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

This product is an emulsifiable concentrate. For use as a spray or with diesel fuel for use in power sprayers, the required amount in sufficient water for application in advance of actual use.

HIGH VOLUME SPRAYING—To control stable flies, winter ticks, on dairy cattle, beef cattle, sheep, goats, and hogs, mix 1 part of this concentrate in 11 parts of water by volume (1% CIODRIN insecticide). Spray thoroughly to cover all animals, including the heads, using 1 to 2 quarts of spray per animal. Use less for smaller animals.

For pen or corral operations with spray application, mix 1 part of this concentrate with 23 parts of water (4% CIODRIN insecticide). Spray thoroughly to cover all animals, including the heads, using 1 to 2 quarts of spray per animal. Use less for smaller animals.

Improved control of face flies may be achieved by dissolving 1 level tablespoonful of jar per 3 gallons of spray solution.

Repeat above applications as necessary to maintain control. Repeat once every 7 days.

with COMMENTS
to EPA Letter Docket

JUN 29 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1386-436

INSERT "1"

IMPORTANT! Do not overapply. Use of more than the recommended rate per animal or use of coarse sprays may wet the hide and cause injury. Use only a fine spray mist at a distance of 2 - 3 feet as directed to deposit a light mist on the hair. Do not apply when animals are lathered or temperatures exceed 80° F.

INSERT "2"

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS

INSERT "3"

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

