

DRP

BEST AVAILABLE COPY

MAR 8 1985

Mr. H. R. McLane
AMVAC Chemical Corporation
4100 East Washington Blvd.
Los Angeles CA 90023

300 / 139246
17 / 5

Dear Mr. McLane:

Subject: Amendment - Update label
ALCO Fly Fighter Liquid Double Strength
EPA Registration No. 5481-73
Your submission dated September 8, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable and a stamped copy of the label is enclosed for your records:

The following revisions should be made at the next label printing or within one year, whichever comes first:

1. Delete "Atropine is antidotal, 2-PAM is also antidotal and may be administered in conjunction with atropine" from beneath the heading STATEMENT OF PRACTICAL TREATMENT.
2. Add "2-PAM is also antidotal and may be administered, but only in conjunction with atropine." as the last sentence of the Note to Physician on the left panel.
3. Change "Warning Symptoms" to "Poisoning Symptoms" after the heading "Note to Physician" on the left panel.
4. Add "DIRECTIONS FOR USE (continued)" over the top of the right panel and delete "DIRECTIONS" from over "FLY CONTROL ON DAIRY AND BEEF CATTLE".
5. Add the following to the "FLY CONTROL ON DAIRY AND BEEF CATTLE" section:

Do not use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides, or chemicals.
6. In this same section, revise the precaution on treating young animals to "Do not apply to young calves under six months old" and also add directions to wash the teats of sprayed or fogged animals with an approved cleansing solution and then dry them prior to milking.

7. The directions for use should direct the user to wear an approved respirator when applying this product in enclosed (indoor) areas.
8. The directions for spraying or fogging animal buildings must be expanded to explain that the animals should not be in the barn at the time of treatment and that the applicator also must not remain in the treated area. Doors and windows in the treatment area should be closed prior to treatment and should remain closed for at least 10 minutes to kill resting adult flies. The area should then be opened up and ventilated prior to reoccupying by humans or animals. Spraying of the animals should be done outdoors as a separate treatment.
9. Add the following precaution to the directions for spraying animal buildings:

"Do not apply in areas where animals have received direct application of DDVP within 8 hours."
10. Expand the precaution in the "Dairy Barns, etc." section to read:

"Do not contaminate feed, food, water, foodstuffs, milk, or milking utensils. Do not apply in areas where animals have received direct application of DDVP within 8 hours."

Sincerely yours,

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

BEST AVAILABLE COPY

ALGO FLY FIGHTER LIQUID 50

Kill Flies Fast In Seconds

FOR AGRICULTURAL/COMMERCIAL USE

ACTIVE INGREDIENTS:
2,2-Dichlorovinyl dimethyl phosphate ...
Related compounds
Aromatic Petroleum Derivative Solvents
INERT INGREDIENTS:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Poisonous if swallowed, inhaled or absorbed through skin or eyes. Rapidly absorbed through skin. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to VP poisoning. Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors. Keep out of reach of children and domestic animals. Do not contaminate water, feed or foodstuffs. Mix the concentrate outdoors or in a well ventilated room. Wear clean rubber gloves, waterproof protective clothing and goggles when handling the concentrate to prepare emulsions. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Keep all unprotected persons out of operational area. In case of contact, wash immediately with soap and water. Wash thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

Note to Physician - Warning Symptoms

Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps. **TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulphate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

Environmental Hazards

This product is toxic to fish and wildlife. Do not apply directly to lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Keep away from heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply to any area not specified on label. Not for use or storage in or around the home.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place, out of reach of children. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

ACCEPTED THIS PRODUCT CONTAINS 2 POUNDS

KEEP OUT OF REACH
EPA Letter Dated

MAR 8 1985



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under EPA Reg. No. 5481-73

Statement of Practical Use

Atropine is antidotal, Z-PAM is also antidotal and with atropine.

IF SWALLOWED: Call a physician or Poison Control Center. Give water and induce vomiting by touching back of tongue. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove to fresh air. Call a physician.

IF ON SKIN: Immediately remove contaminated clothing. Wash with plenty of water.

IF IN EYES: Immediately flush eyes with plenty of water.

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. See side panel for additional antidotal and precautionary information.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS

EPA REG. NO. 5481-73-AA

NET CONTENTS 1 POUND
AMVAC CHEMICAL
4100 EAST WASHINGTON
LOS ANGELES, CALIF.

Read entire label before using. Use only as directed.

ALCO FLY FIGHTER DOUBLE STRENGTH is an insecticidal concentrate especially formulated for the control of resistant and non-resistant flies around dairy barns, stables, barns, feed yards, corrals, loafing sheds, battery poultry establishments, farm buildings, animal hospitals, refuse collection areas and garbage cans. Applied inside garbage cans, it keeps yellow jackets under control in local areas.

DIRECTIONS:

FLY CONTROL ON DAIRY AND BEEF CATTLE: Mix 1 gallon Alco Fly Fighter Liquid Double Strength in fifty gallons of water (5 Tbs. or 2½ fluid ounces per 1 gallon of water). Apply 2-4 fluid ounces daily per animal as a mist spray, using a hand or automatic sprayer. Do not apply more than 4 fluid ounces per animal. Apply as to wet the hair. Do not apply on young calves less than three months old. Do not treat sick or convalescing animals. Do not treat Brahman or Brahman-cross cattle, as they may show hypersensitivity to organophosphate insecticides. Do not apply dermally in conjunction with trichlorophen.

GARBAGE CANS, REFUSE CANS: To give local control of yellow jackets, apply the 0.5% spray to the inside of the lid and inside of the container each time the container is emptied.

FOGGING ANIMAL BUILDINGS: Apply as a 0.5%-1.0% solution to control flies, gnats, mosquitoes. For a 0.5% solution, mix 1 pint in 7 gallons of diesel oil. For a 1.0% solution, mix 1 quart in 7 gallons of diesel oil. Apply at the rate of 1 quart of a 0.5% solution or 1 pint of a 1.0% solution to 8000 cubic feet. Before applying, reduce air movement as much as possible by closing doors, windows and other openings. Do not contaminate water, feed or feedstuffs, milk or milking utensils. Do not use this solution for fogging purposes in areas where animals have received direct application within 8 hours.

FEED LOTS, STUCKYARDS, CORRALS, HOLDING PENS: For control of flies, gnats and mosquitoes, mix one gallon Alco Fly Fighter Liquid Double Strength in fifty gallons of water (1 pint in 6 gallons of water or 2½ fluid ounces in one gallon of water) to make a 0.5% spray solution. Make application with mist blower or other suitable equipment as an overall application at the rate of 0.2 pounds of Technical DDVP per acre. This is equivalent to approximately 5 gallons of 0.5% spray per acre. Particular attention should be given to areas where flies congregate, such as fences, spillage areas, around feed bunks and walls of buildings. Animals may be present during treatment. Avoid direct application to exposed feed and water. A baited spray may be made by dissolving 1 pound of sugar in 8 to 10 gallons of water before adding concentrate.

ANIMAL BUILDINGS: For the control of flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks, apply as a 0.5% spray solution by mixing 2½ fluid ounces in one gallon of water, one pint in six gallons of water, or one gallon in fifty gallons of water. A baited spray can be prepared by adding one pound of sugar per one gallon of spray solution. Apply as a coarse, wet spray at the rate of one quart per 1000 square feet. **DO NOT TREAT ANIMALS AT THIS RATE.** Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows and other openings. Do not contaminate water, feed, or feedstuffs, milk or milking utensils. Repeat application as necessary.

DAIRY BARN, STABLES, LIVESTOCK BUILDINGS, LOAFING SHEDS, PIG PENS AND OUTDOOR AREAS: Spray around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils.

POULTRY HOUSES: Apply to manure, window sills, outside of penned enclosures, and on floor of feed storage rooms.

DOG KENNELS: Apply to outside dog runways, window sills and ledges. For the control of fleas and brown dog ticks, increase dosage to two quarts of 0.5% solution per 1000 square feet.

MANURE PILES, GARBAGE BUMPS: For the control of fly maggots in maggot breeding areas, apply at the rate of 1-2 quarts of 0.5% spray per 100 square feet. Birds feeding on treated areas may be killed.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

6-84

BEST AVAILABLE COPY