

DIRECTIONS FOR USE: This LIVESTOCK SPRAY is a dual-purpose formulation designed to protect animals, including dairy and beef cattle, from attacks of biting flies in the barn and on pasture, as well as to function as an effective space spray for quick knockdown and kill of flies in the barn.

Animal Spray: To protect animals against the attacks of stable flies, horn flies, mosquitoes and gnats, apply just enough to wet the ends of the hairs but not enough to soak the hide. One to two ounces is enough to treat an adult cow. Apply once daily, preferably in the morning, for protection during the day. Repeat at daily intervals, or as necessary for continued protection. Do not apply in excess of two fluid ounces per animal per day.

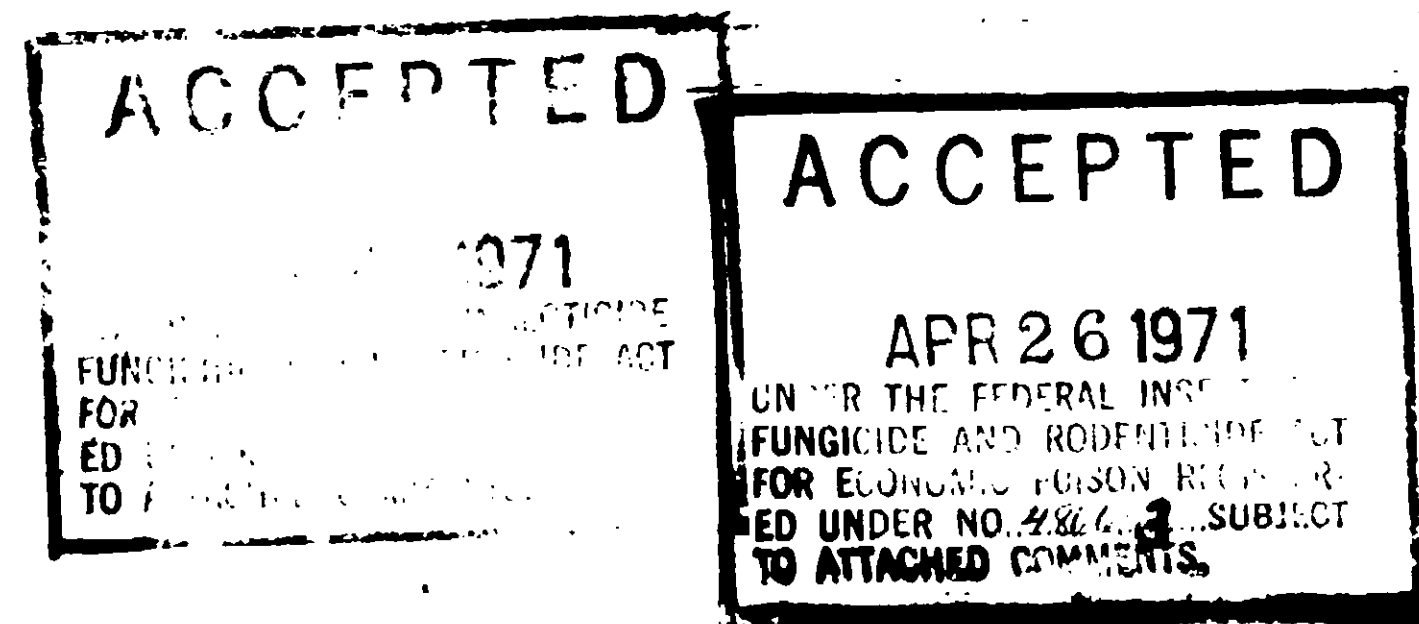
Space Spray for Barn Fly Control: To attain quick knockdown and kill of flies, gnats and mosquitoes in enclosed spaces, spray toward the ceiling and corners until the space is filled with a light mist. Apply at the rate of one quart spray per 8,000 cubic feet. Do not treat animals or humans. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use this solution in areas where animals have received direct application within 8 hours. For best results, close all windows and doors prior to spraying and keep them closed for 10 to 15 minutes after spraying.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed, inhaled or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating or smoking. Do not contaminate feed, water or foodstuffs. Keep out of reach of children. Avoid prolonged breathing of spray mist.

Harmful if swallowed. Consult physician immediately.

Do not spray on or near open flame. Store in a cool place. Keep container tightly closed.



4866-3

FOR USE BY PEST CONTROL OPERATORS OR OTHER
TRAINED PERSONNEL ONLY

DDVP-4

EMULSIFIABLE CONCENTRATE

DANGER  **POISON**

KEEP OUT OF REACH OF CHILDREN
(SEE ANTIDOTE AND WARNING ON SIDE PANEL)

KILLS FLIES, MOSQUITOES, ANTS, FLEAS AND MAGGOTS

ACCEPTED

JUL 23 1976

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4887-63

Gallons of Water	Amount DDVP Conc.	lbs. powder sugar
1	1/2 tablespoon	1
3	1 1/2 tablespoon	2-3
5	1 1/2 fl. oz.	4-5
10	2 1/2 fl. oz.	7-8
50	3/4 pint	30-40
100	3/4 quart	50-60

MAGGOT CONTROL: For the control of fly maggots use without sugar. Mix at the rate of 1/2 oz. (1 tbs.) per gallon (1 qt. per 50 gallons). Apply with a sprinkling can or as a coarse spray at the rate of 1 gallon of spray per 100 square feet to fly breeding areas such as garbage dumps.

MOSQUITO LARVAE CONTROL: Use at 3 1/4 oz. per acre (0.1 lb. actual DDVP) in sufficient oil or water to cover evenly when applied by air or ground equipment. Repeat as necessary. Spot spraying; Use at 1:400 in oil or water and apply as a coarse spray to breeding areas. For use by experienced PCOs, Health Departments or Mosquito Abatement Officials. **HIGHLY TOXIC TO SHRIMP AND CRABS. DO NOT USE WHERE THESE ARE IMPORTANT RESOURCES. (DO NOT CONTAMINATE TIDAL WATERS.)**

FLEAS: Apply at 1 - 2 qts. per 100 gallons (1 - 2 tsp. per gal.) Spray outdoor areas only, shrubbery, and under out-buildings thoroughly. Repeat as necessary. **DO NOT APPLY DIRECTLY TO ANIMALS.**

AREAS OTHER THAN FOOD HANDLING ESTABLISHMENTS
ROACHES (Resistant and non-resistant) WATERBUGS AND ANTS INDOORS: For professional PCO use only: Use 3/4 oz. per gallon of base oil or water. Make application as a spot treatment. Application should be made as a coarse spray or painted with brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves and similar hiding places of these pests. For Ants, treat trails and points of entry into the house. Repeat treatments when necessary. The diluted material should

FOOD AREAS: Includes receiving, serving, storage (dry, cold frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

All food-processing surfaces should be thoroughly cleaned before using. When using this product in these areas, apply only when plant is not in operation or foods are not exposed.

APPLICATIONS OF THIS PRODUCT IN FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

Dilute 3/4 oz. per gallon of Base Oil or water and apply as a fine stream in small amounts to cracks and crevices where insects hide or through which they may enter the building: includes expansion joints, spaces between equipment and floors, and openings leading to voids and hollow spaces in walls, equipment, legs and bases.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Any material which may come into contact with areas outside of cracks and crevices must be completely cleaned up using soap and water followed by a thorough rinsing with potable water.

NON-FOOD AREAS: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

Dilute 3/4 oz. per gallon of Base Oil or water and apply as a coarse wet spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards, beneath and behind sinks, lockers, tables, pallets, and around plumbing and other utility installations where insects hide or through which they may enter.

ACTIVE INGREDIENTS	
*2, 2-dichlorovinyl dimethyl phosphate	42.10%
*Related Compounds	3.25%
Aromatic petroleum derivative solvents	48.20%
INERT INGREDIENTS	5.50%

Total 100.00%

*Equivalent to 45.3% by wt. Shell Vapona

Manufactured by
STEPHENSON CHEMICAL CO., INC.
COLLEGE PARK, GEORGIA