



NET CONTENTS:
32 FL. OZ. (1 QT.)

EPA Reg. No. 134-59

BEEF & DAIRY SPRAY-C

INSECTICIDE EMULSIBLE CONCENTRATE

CONTAINS
Ciodrin[®] and Vapona[®]
INSECTICIDES

*Controls Face Flies, Horn Flies, House Flies, Stable Flies, Lice,
Lone Star Ticks¹ and Chorioptic Mites on Dairy Cattle,
Beef Cattle, Sheep, Goats and Hogs*



ACTIVE INGREDIENTS	BY WEIGHT
Dimethyl phosphate of alpha-methylbenzyl 3-hydroxy-cis-crotonate	10.0%
2,2-dichlorovinyl dimethyl phosphate	2.3%*
Related Compounds	0.2%*
Petroleum Hydrocarbons	77.0%
INERT INGREDIENTS	10.5%
TOTAL	100.0%

*Equivalent to 2.5% VAPONA[®] Insecticide

**WARNING! KEEP OUT OF THE REACH OF CHILDREN AND DOMESTIC ANIMALS
READ WARNING STATEMENT ON BACK PANEL**

*hess & clark, ashland, ohio 44805
division of rhodia inc.*

DIRECTIONS FOR USE

For control of face flies, horn flies, house flies, stable flies, lice and Lone Star ticks on dairy cattle, beef cattle, sheep, goats and hogs. Mix 2 quarts of BEEF AND DAIRY SPRAY - C per 6 gallons of water. Spray to thoroughly cover all parts of the animal, including the legs, using 1-2 pints of spray per large animal and proportionately less for smaller animals. For pen or corral operations involving spray application to livestock with high pressure equipment, do not exceed a 0.5% concentration. Mix 2 quarts of BEEF AND DAIRY SPRAY - C per 12 gallons of water (0.5% concentration). Spray to thoroughly cover the animal's body and legs (avoid excessive spraying of the head) using 1 quart of spray per large animal and proportionately less for smaller animals. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

Improved face fly control may be achieved by adding sugar to the spray solution at the rate of 1 pound per 6-10 gallons of spray. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

Low volume application for control of face flies. **DO NOT APPLY MORE THAN 3 TIMES PER WEEK.** Mix 4 tablespoons (2 fluid oz.) of BEEF AND DAIRY SPRAY - C per 1 1/2 pints of water (1% concentration). Using calibrated sprayer, apply 5 teaspoons of spray to the face and a total of 5-teaspoons to the back and sides of the animal 3 times per week. Improved control may be achieved by the addition of 1 level teaspoon of sugar per pint of spray solution.

SUMMARY MIXING DIRECTIONS		
%Concentration	Amount Spray Desired	Amount of Beef & Dairy Spray C Needed
0.25	16 gal. water	2 1/2 pints
0.50	12 gal. water	2 quarts
1.00	6 gal. water	2 quarts
1.00 (for back rubbers)	16 gal. base oil	1 gallon

WARNING: HAZARDOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. Wash thoroughly with soap and water after handling and before eating and smoking. Wear clean clothing. In case of spillage on person or clothing, immediately remove clothing and flush skin or

eyes with plenty of attention. Atropine antidotal and may be used with atropine.

Brahman cattle should show hypersensitivity not apply to calves under 6 months of age.

During commercial operations mixing and loading gloves and a mask (suitable by the U. S. Dept. of Agriculture) against BEEF AND DAIRY SPRAY - C. This material only for use at recommended dosages.

This product is toxic if fed to animals while feeding on treated areas. Do not use on any body of water. Conditions favor drift. Contaminate water for disposal of wastes. See label for disposal of wastes specified on this label.

DIRECTIONS FOR LIVESTOCK PEST CONTROL

For control of face flies, horn flies, house flies, stable flies, lice and Lone Star ticks on dairy cattle, beef cattle, sheep, goats and hogs. Mix 2 quarts of BEEF AND DAIRY SPRAY - C per 6 gallons of water. Spray to thoroughly cover all parts of the animal, including the legs, using 1-2 pints of spray per large animal and proportionately less for smaller animals. For pen or corral operations involving spray application to livestock with high pressure equipment, do not exceed a 0.5% concentration. Mix 2 quarts of BEEF AND DAIRY SPRAY - C per 12 gallons of water (0.5% concentration). Spray to thoroughly cover the animal's body and legs (avoid excessive spraying of the head) using 1-2 quarts of spray per large animal and proportionately less for smaller animals. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

Improved face fly control may be achieved by adding sugar to the spray solution at the rate of 1 pound per 6-10 gallons of spray. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

Low volume application for control of face flies. DO NOT APPLY MORE THAN 3 TIMES PER WEEK. Mix 4 tablespoons (2 fluid oz.) of BEEF AND DAIRY SPRAY - C per 1½ pints of water (1% concentration). Using a calibrated sprayer, apply 5 teaspoons of spray to the face and a total of 5-10 teaspoons to the back and sides of the animal 3 times per week. Improved control may be achieved by the addition of 1 level teaspoon of sugar per pint of spray solution.

For control of lice and winter ticks on dairy cattle, beef cattle, sheep, goats and hogs. Mix 2½ pints of BEEF AND DAIRY SPRAY - C per 16 gallons of water (0.25% concentration). Spray animals thoroughly using up to 1 gallon of spray. Apply a second application 14 days later. Repeat applications as necessary to maintain control, but not more often than once every 7 days.

Backrubber applications. For use in backrubbers or face rubbers for the control of horn flies and face flies, mix 1 quart of BEEF AND DAIRY SPRAY - C per 4 gallons of back rubber base oil (1% concentration). This may be diesel fuel or fuel oil in accordance with local recommendations.

For control of house flies, face flies, and stable flies in and around livestock buildings. Mix 2 quarts of BEEF AND DAIRY SPRAY - C per 6 gallons of water (1% concentration). Spray premise such as inside and outside barn walls (including dairy barns), eaves, fences and other resting or breeding places at least twice monthly using approximately 1 gallon of finished spray per 1000 square feet (40' x 25'). Improved house fly and face fly control may be achieved by adding sugar to the spray solution at the rate of 1 pound per 6-10 gallons of spray. Do not use in poultry houses.

For control of chorioptic mites on dairy and beef cattle. Mix 2½ pints of BEEF AND DAIRY SPRAY - C per 16 gallons of water (0.25% concentration). Spray animals thoroughly. Repeat within 10-14 days for lasting control.

SUMMARY MIXING DIRECTIONS

%Concentration	Amount Spray Desired	Amount of Beef & Dairy Spray C Needed
0.25	16 gal. water	2½ pints
0.50	12 gal. water	2 quarts
1.00	6 gal. water	2 quarts
1.00 (for back rubbers)	16 gal. base oil	1 gallon

WARNING: HAZARDOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. Wash thoroughly with soap and water after handling and before eating and smoking. Wear clean clothing. In case of spillage on person or clothing, immediately remove clothing and flush skin or

eyes with plenty of water, for eyes, get medical attention. Atropine is antidotal. 2 PAM is also antidotal and may be administered in conjunction with atropine.

Brahman cattle should not be treated as they may show hypersensitivity to organic phosphates. Do not apply to calves under 6 months of age.

During commercial or prolonged exposure in spray mixing and loading operations, wear clean rubber gloves and a mask or respirator of a type found suitable by the U. S. Bureau of Mines for protection against BEEF AND DAIRY SPRAY - C. Use this material only for recommended purposes and at recommended dosages.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not contaminate food, feed or drinking water. Do not treat animals within one day of slaughter. Do not apply dermally in combination with trichlorofon.

DECONTAMINATE AND DESTROY USED CONTAINERS. Do not re use for any purpose. Decontaminate containers by rinsing thoroughly with water and alkaline detergent. Destroy containers by breaking and burying fragments in isolated area. Dispose of rinsings in a way as not to constitute a hazard, or contaminate water supplies.

NOTICE OF WARRANTY

HESS & CLARK MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE EXPRESSED OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

ACCEPTED WITH COMMENTS

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NIMALS