

9-30-70

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 5481-28

ALCO CIOTOX CONCENTRATE is a pesticial spray especially formulated for control of external parasites on livestock. It has been approved for use on dairy animals and such use will not cause milk contamination.

**READ ENTIRE LABEL BEFORE USING.
USE ONLY AS DIRECTED ON THIS LABEL.**

DIRECTIONS FOR USE

ALCO CIOTOX CONCENTRATE is used in varying concentrations to meet the requirements of different types of control. The following table will be of help in determining the amount of concentrate to use to make the desired solution.

PERCENT CONCENTRATION DESIRED	AMOUNT OF CONCENTRATE	TO MAKE THE FOLLOWING AMOUNTS OF FINISHED SPRAY
2%	7 quarts 1 pint	12 gallons
	3 quarts 1 1/2 pints	6 gallons
1%	4 quarts	12 gallons
	2 quarts	6 gallons
0.5%	2 quarts	12 gallons
	1 quart	6 gallons
0.1%	1 pint	16 gallons
0.25%	2 1/2 pints	16 gallons

Do not exceed the recommended amounts of concentrate when making spray solutions, whether making larger or smaller quantities of spray.

FOR CONTROL OF STABLE FLIES, HORN FLIES, HOUSE FLIES, LICE AND TICKS ON DAIRY CATTLE, BEEF CATTLE, SHEEP, GOATS, AND HOGS.

Prepare a 1% concentration by mixing 2 quarts ALCO CIOTOX CONCENTRATE in 6 gallons of water. Apply as a spray to thoroughly cover all parts of the animal, including legs, using 1 to 2 pints per animal the size of an adult cow, proportionately less for smaller animals. Do not apply more often than every seven days.

For spraying livestock in feed pens or corrals with high pressure spray equipment, mix a spray to not exceed 0.5% concentration. For a 0.5% concentration, mix 2 quarts ALCO CIOTOX CONCENTRATE in 12 gallons of water. Apply to thoroughly cover all parts of the animal's body and legs, avoiding excessive spraying of the head. Apply at the rate of 1 to 2 quarts per animal the size of an adult cow, proportionately less for smaller animals. Do not apply more often than every 7 days. Face fly control will be improved by the addition of one pound of sugar to each 6 gallons of spray. Repeat above application as necessary to maintain control but not more often than every 7 days.

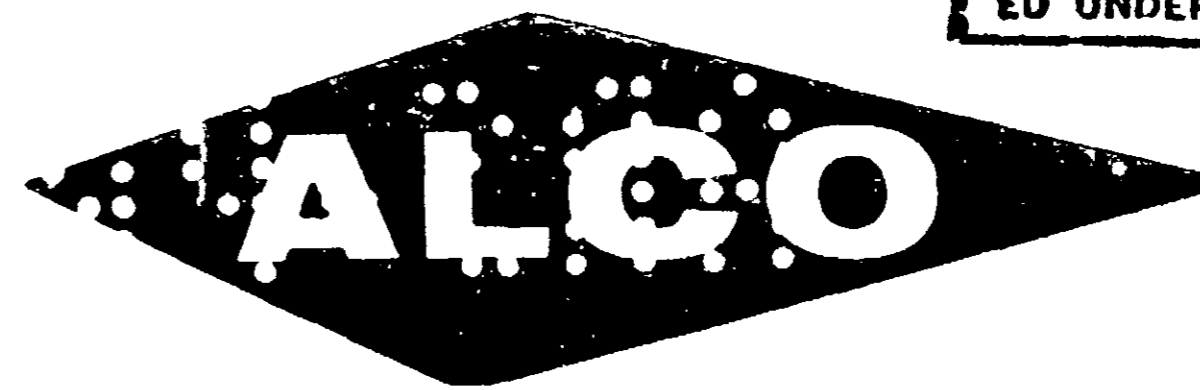
FACE FLY CONTROL, LOW VOLUME APPLICATION

Prepare a 1% concentration by mixing 10 and 1/2 teaspoons ALCO CIOTOX CONCENTRATE in 10 pints of water. Use a calibrated sprayer and apply 5 teaspoons of spray to the face and a total of 5-10 teaspoons to the back and sides of the animal. Do not treat more often than once every 7 days. Improved control may be achieved by the addition of 1 level teaspoon of sugar per pint of spray.

PRECAUTIONS IN USE: BRAHMAN CATTLE SHOULD NOT BE TREATED AS THEY MAY SHOW HYPERSENSITIVITY TO ORGANIC PHOSPHATES. Do not apply regularly to calves under 6 months of age.

AREA FLY CONTROL TREATMENT TO INCLUDE DAIRY BARN, STABLE BARN, WALLS, LAMPS, FENCES, OTHER FARM BUILDINGS, (DO NOT TREAT POULTRY HOUSES.) FLY BREEDING AREAS.

TO CONTROL HOUSE FLIES, STABLE FLIES, FACE FLIES: Prepare a 1% concentration by mixing 2 quarts ALCO CIOTOX CONCENTRATE in 6 gallons of water. Apply as a spray to thoroughly cover all parts of the animal, including legs, using 1 to 2 pints per animal the size of an adult cow, proportionately less for smaller animals. Do not apply more often than every seven days.



**CIOTOX CONCENTRATE
WITH CIODRIN®
APPROVED FOR DIRECT USE
ON DAIRY AND BEEF CATTLE, SHEEP, GOATS, HOGS.
FOR CONTROL OF STABLE FLIES, HORN FLIES,
HOUSE FLIES, LICE AND TICKS.**

ACTIVE INGREDIENTS	% BY WT.
Dimethyl phosphate of alpha-methylbenzyl 3-hydroxy-cis-crotonate	14.57
Aromatic petroleum hydrocarbons	76.03
INERT INGREDIENTS	9.40
	100.00

Contains 1.1 pounds Ciodrin® per gallon.
® Ciodrin Reg. T.M. Shell Chemical Co.

**WARNING: KEEP OUT OF REACH OF CHILDREN
SEE SIDE PANELS FOR ADDITIONAL WARNINGS**

ACL 88-962
R170

U.S.D.A. Reg. #5481-28
NET CONTENTS

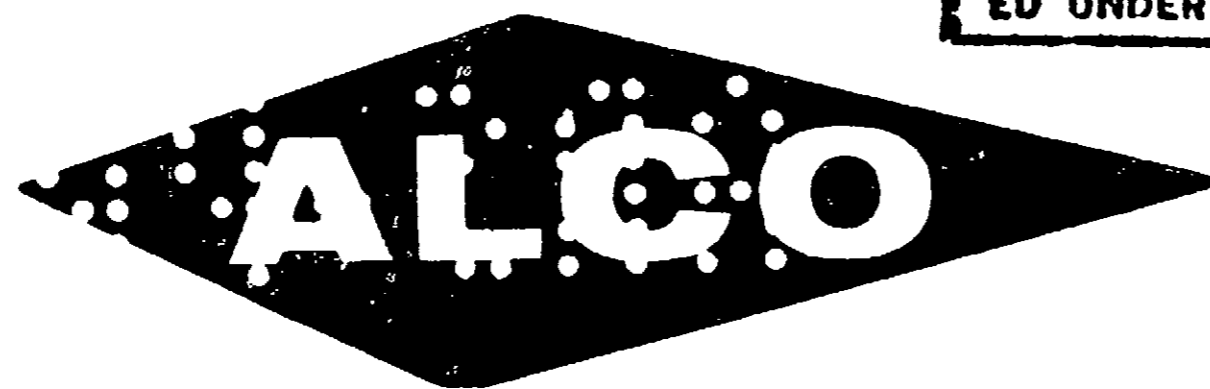
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barns (including dairy barns), caves, fences, window sills, around doorways, other
sitting or fly breeding areas at least every two weeks. Apply at the rate of 1 gallon of
spray solution to each 1000 square feet. House fly and face fly control will be improved
by the addition of 1 pound of sugar to each 6 gallons of finished spray solution.

STABLE FLY, HOUSEFLY, HORN FLY AND FACE FLY CONTROL ON DAIRY AND BEEF CATTLE:

Prepare a 2% concentration of ALCO CIOTOX CONCENTRATE by mixing 7½ pints in
6 gallons of water. Apply so as to thoroughly cover all parts of the animal's body, includ-
ing the legs at the rate of 2 ounces of spray per animal. Make daily applications using
conventional hand or power sprayers. Control will be improved by the addition of 1
pound of sugar to each six gallons of spray solution.

LICE AND WINTER TICK CONTROL ON DAIRY CATTLE, BEEF CATTLE, SHEEP, GOATS AND HOGS.

Prepare either a 0.1% concentration or a 0.25% concentration. Mix 1 pint of ALCO
CIOTOX CONCENTRATE in 16 gallons of water for a 0.1% or 2½ pints in 16 gallons for
a 0.25% concentration. Spray animals thoroughly using up to 2 gallons of 0.1% concen-
tration or 1 gallon of the 0.25% concentration per animal. Make a second application
14 days later. Repeat applications as necessary to maintain control but not more often
than every seven days.

BACK RUBBER OR FACE RUBBER APPLICATIONS: FACE FLY AND HORN FLY CONTROL, ON DAIRY AND BEEF CATTLE.

Mix one quart ALCO CIOTOX CONCENTRATE in 4 gallons back rubber oil. This may
be diesel fuel or other oil in accordance with local recommendations. Charge the back
rubber or face rubber with this solution. Recharge as necessary. DO NOT SPRAY
ANIMALS WITH THIS SOLUTION. Back rubbers or face rubbers should be placed
strategically around the pasture and/or loafing areas, especially near feed bunkers, water
facilities or shade areas. For burlap back rubbers, apply at the rate of one gallon of solu-
tion per twenty linear feet.

WARNING:

WARNING: HAZARDOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH
SKIN. In case of spillage on person or clothing, immediately remove clothing and flush
skin with plenty of water; for eyes, get medical attention.

INTERNAL: Call a physician immediately. Give emetic of mustard. This product is a
cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be ad-
ministered in conjunction with Atropine. Wash thoroughly with soap and water after
handling and before eating or smoking. Wear clean clothing.

During commercial or prolonged exposure in spray mixing and loading operations, wear
clean rubber gloves and mask or respirator of a type found suitable by the U.S. Depart-
ment of Agriculture for the protection against CIODRIN insecticide.

Do not contaminate food, feed, or drinking water.

Do not contaminate any body of water. Use only as specified on this label.

This product is toxic to fish and wildlife.

Keep away from heat and open flame.

CONTAINER DECONTAMINATION AND DISPOSAL:

When empty, wash thoroughly with caustic and detergent. Rinse with clear water.
Dispose of rinsings so as to not create a hazard, away from any water. Wash spills from
container after use with plenty of running water. After cleaning empty container, break
glass, puncture and crush metal containers. Bury in a safe place. Dispose of unused
spray solution so as to not create a hazard, away from water.

NOTICE: Alco Chemical Company makes no warranty of merchantability, fitness for
any purpose, or otherwise, express or implied, concerning this product or its use, which
extend beyond the statements on this label.