

NOTE TO PHYSICIAN & VETERINARIAN

Prolate is an organophosphorous insecticide. Atropine is an antidote. Usual symptoms of organophosphorous poisoning in man include: headache, blurred vision, weakness, nausea, discomfort in the chest, vomiting, abdominal cramps, diarrhea, salivation, sweating, pinpoint pupils. Usual symptoms of organophosphorous poisoning in animals include salivation and labored breathing.

DIRECTIONS FOR USE

Do not apply within 21 days of slaughter.

METHODS OF APPLICATION

To Control:	Method to Use:
Grubs	Dip, Pour-on, or Spray
Lice	Dip, Pour-on, or Spray
Hornflies	Spray
Cattle Ticks	Dip or Spray
Southern Cattle Ticks	Dip or Spray
Scabies Mite	Dip

SCABIES MITES CONTROL

For control of scabies mites, two dip treatments, 7-10 days apart are required.

DIP VAT PROCEDURE

Prior to charging vat, empty out old contents and thoroughly clean the vat. Add water to the vat. Add Prolate at a rate of 1 gallon to each 50 gallons water.

Important: Add triple super phosphate at a rate of 100 pounds per 1000 gallons of vat solution. Super phosphate is added to control the pH of the solution and insure vat stability. Super phosphate is usually available at most fertilizer dealers as 0-45-0 or 0-46-0.

Stir the vat thoroughly, preferably with a compressed air device; however, any form of thorough mixing is adequate since Prolate 1-E emulsifies readily.

Recharge vat contents prior to each use.

REPLENISHMENT

During the dipping operation, each time the vat's volume is reduced by 1/4 of its initial volume, replenish the vat as follows:

Replenish vat with water and add Prolate 1-E at a rate of 1 gallon for each 50 gallons water added.

Important: Also add super phosphate at a rate of 10 pounds per 100 gallons of additional solution.

Stir well and resume dipping. Repeat replenishment process as necessary. For evaporation add additional water accordingly. For added water due to rainfall, merely replenish vat with Prolate 1-E according to label directions.

VAT SHOULD BE EMPTIED, CLEANED AND RECHARGED EACH TIME ONE OF THE FOLLOWING OCCURS:

1. When the vat has been charged for 60 days.
2. When the dip becomes too foul for satisfactory use within the 60 day limit.
3. If the number of animals dipped equals the number of gallons of the initial bath volume within the 60 day limit.

TIMING OF APPLICATIONS FOR CATTLE GRUB CONTROL

For the optimum cattle grub control, it is important to treat as soon as possible after the beef fly season, before the grub larvae reach the gutlet or spinal canal as the rapid kill of large numbers of larvae in these tissues may cause toxic side effects such as ataxia, salivation, staggering and paralysis. Consult your veterinarian, extension livestock specialist or extension entomologist regarding timing of treatment.



PROLATE[®] 1-E
EMULSIFIABLE LIQUID

A BEEF CATTLE INSECTICIDE FOR CONTROL OF GRUBS, LICE, CATTLE TICK, SOUTHERN CATTLE TICK, HORNFLIES AND SCABIES MITE

ACTIVE INGREDIENTS:

N-(mercaptomethyl) phthalimide S (O,O dimethyl phosphorodithioate) 11.6%
Petroleum hydrocarbon solvent 72.9%

INERT INGREDIENTS:

15.5%
100.0%

U.S. Patent No. 2,757,194
Contains 1 lb. Active ingredient per Gallon
EPA Reg. No. 476-2043

WARNING

Keep Out of Reach of Children

May be harmful if swallowed, inhaled, or absorbed through the skin.

Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear rubber gloves, goggles and protective clothing. In case of skin contact, wash immediately with soap and water; for eyes, flush with water. Wash all contaminated clothing with soap and hot water before re-use. Do not contaminate feed or foodstuffs. Do not store near heat or open flame.

See left panel for Note to Physician and Veterinarian.

Protect from temperatures below 20 F.

READ ALL DIRECTIONS BEFORE USING

GAL. NET

Made in U.S.A. By

STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880



SPRAY

To prepare 49 gallons of mixture as a skin, not just about one gallon amounts will

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SPRAY METHOD

To prepare the spray, mix one gallon of Prolate 1-E with 49 gallons of water and stir thoroughly. Apply the fresh mixture as a high-pressure spray, taking care to wet the skin, not just the hair. Apply to the point of "run-off" about one gallon of diluted spray per adult animal. Lesser amounts will permit run-off for younger animals.

POUR-ON METHOD

Dilute one part of Prolate 1-E with two parts of water by slowly adding the water to the product while stirring. One gallon of Prolate 1-E makes 3 gallons of pour-on solution. Apply one ounce of the diluted mixture per 100 pounds of body weight (to a maximum of 8 ounces per head) down the center line of the back.

OFFICIAL ERADICATION PROGRAMS

Where Prolate 1-E is recommended in Federal or State eradication programs it is required to consult the proper state or federal authorities for detailed recommendations.

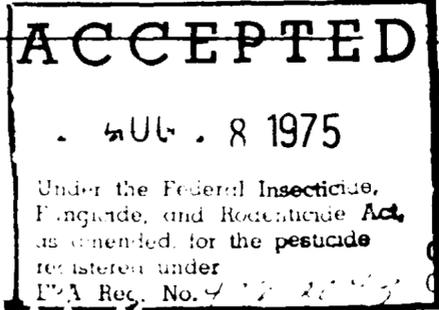
NOTICE: Stauffer Chemical Company makes no warranty express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

WARNINGS

1. Prolate 1-E is a cholinesterase inhibitor. 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. Atropine is antidotal. Consult veterinarian at first sign of adverse reaction.
2. Do not apply within 21 days of slaughter.
3. For use on beef cattle only.
4. Do not treat sick, convalescent, or stressed cattle or calves less than 3 months old except in Federal or State eradication programs where immediate treatment of all animals in an infested herd is mandatory. Hand dipping of young animals will prevent swallowing of dip solution.
5. Be sure free access to drinking water is available to cattle prior to dipping. Do not dip excessively thirsty animals. Do not dip animals when overheated.
6. **Important:** Repeat treatment as necessary but not more often than every 7 days to 10 days. Treatment for lice, ticks, scabies mite and hornflies may be made any time of the year except when cattle grub larvae are in the gullet or spinal canal. Treatment for lice, ticks and scabies mite may be made any time 7-10 days following treatment for grubs. Do not treat for grubs when the grub larvae are in the gullet or spinal canal.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. 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 the label.

Container Disposal: Perforate empty metal container. Crush and bury in an isolated area. Never re-use!



DRUG LOT No.

SERIAL No.

EXPIRATION DATE

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Stir the vat thoroughly, preferably with a compressed air device; however, any form of thorough mixing is adequate since Prolate 1-E emulsifies readily.

Restrict vat contents prior to each use.

REPLENISHMENT

During the dipping operation, each time the vat's volume is reduced by 1/4 of its initial volume, replenish the vat as follows:

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1 GAL. NET

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STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880



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DRUG LOT No.

SERIAL No.

EXPIRATION DATE

ACCEPTED

AUG 8 1975

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 476-2043

ment of all animals in an infested herd is mandatory. Hand dipping of young animals will prevent swallowing of dip solution.

- 5. Be sure free access to drinking water is available to cattle prior to dipping. Do not dip excessively thirsty animals. Do not dip animals when overheated.
- 6. **Important:** Repeat treatment as necessary but not more often than every 7 days to 10 days. Treatment for lice, ticks, scabies, mite and hornflies may be made any time of the year except when cattle grub larvae are in the gullet or spinal canal. Treatment for lice, ticks and scabies, mite may be made any time 7-10 days following treatment for grubs. Do not treat for grubs when the grub larvae are in the gullet or spinal canal.

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