

11556-34

10/24/1973

1/4

U.S. LABEL

Reason to Issue: To revise grub timing statement; statement for louse control and put slaughter interval under WARNING:

Date of Draft: R 8/31/73 (Pre-Reg.) (C)
Supersedes Pre-Reg. Draft: 5/18/72 & 6/22/73 7/2/73

FRONT PANEL

TAKE TIME



OBSERVE LABEL DIRECTIONS

CHEMACRO

(R)

TIGUVON

Brand of fenthion

CATTLE INSECTICIDE

POUR-ON



ACCEPTED
OCT 24 1973
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. ... SUBJECT TO ATTACHED COMMENTS.

11556-34

FOR CONTROL OF CATTLE GRUBS AND LICE

GUARANTEE

ACTIVE INGREDIENT:	
fenthion (<u>O</u> , <u>O</u> -Dimethyl <u>O</u> -[4-(methylthio)- <u>m</u> -tolyl] phosphorothioate) †	3%
INERT INGREDIENTS:	97%
	<u>100%</u>

†U.S. Patent No. 3,042,703
Canadian Patent No. 631,472

EPA Reg. No. 11556-34

WARNING
KEEP OUT OF REACH OF CHILDREN
(See [designate panel] for warning statements)

NET CONTENTS 1 Gallon
BATCH NO: See bottom of can

USE ONLY AS DIRECTED

Note: Underlined letters in chemical nomenclature should be italicized when printed, not underlined.

DIRECTIONS FOR USE

BEEF CATTLE AND NON-LACTATING DAIRY CATTLE

TIGUVON (Brand of fenthion) Pour-On Cattle Insecticide is a ready-to-use preparation that requires no further dilution. A single application placed on the backline of an animal gives effective control of cattle grubs and lice.

AMOUNT TO USE FOR GRUB AND LOUSE CONTROL:

Apply TIGUVON Pour-On at the rate of 1/2 fluid ounce per 100 pounds of body weight. Measure the correct amount to use in relation to the animal's weight. Only one application per season is required for grub control, and this will also provide initial control of lice. A second application for louse control may be made if animals become reinfested, but not sooner than 35 days after the first treatment.

THE CONTENTS OF THIS CONTAINER WILL TREAT:

Weight of Animals (Pounds)	200	300	400	500	600	700	800	900	1,000
Number of Animals	128	85	64	51	42	36	32	28	25

HOW TO APPLY: Pour the correct amount of solution uniformly along the animal's back. TIGUVON Pour-On may be dipped from any clean bucket or pail. Do not subsequently use dip containers in any connection with feed, food, or drinking water.

WHEN TO APPLY FOR GRUB CONTROL:

Proper timing of treatment is important. For most effective results, cattle should be treated as soon as possible after heelfly activity ceases. Host-parasite reactions such as bloat, salivation, staggering and paralysis may sometimes occur when cattle are treated while the common cattle grub (*Hypoderma lineatum*) is in the gullet, or while the northern cattle grub (*H. bovis*) is in the area of the spinal cord. Cattle should be treated either before or after these stages of grub development. Consult your veterinarian, extension livestock specialist, or extension entomologist regarding the timing of treatment.

NOTE: If it is impossible to determine the origin of the cattle, and thus the exact stage of the grubs is unknown, it is recommended that the cattle receive only a maintenance ration of low energy feed during the treatment period. This lessens the likelihood of severe bloat which may occur in cattle on full feed when the common grub is killed while in the gullet.

For the most effective reduction of carcass damage and trim loss in cattle to be slaughtered, treatment should be applied at least 6 weeks before the expected appearance of grubs in the back.

WHEN TO APPLY FOR LICE CONTROL:

For Cattle NOT Previously Treated for Grubs: Follow recommendations under When to Apply for Grub Control.

For Cattle Previously Treated for Grubs: Cattle which have been previously treated for grub control with a systemic insecticide, such as TIGUVON Pour-On, may again be treated later in the season should lice become a problem. The second treatment should not be applied sooner than 35 days after the first treatment.

3/4

NOTICE TO VETERINARIAN: If the proper dosage of TIGUVON Pour-On has been applied and adverse reactions, such as bloat, excessive salivation, and posterior paralysis occur, it is highly probable that a host parasite reaction exists. Administer symptomatic treatment. Anti-inflammatory agents may be helpful. If necessary, relieve bloat by trocarization, as a stomach tube may traumatize a severely swollen esophagus. Do not administer atropine, as it is contraindicated in host-parasite reactions. If toxicity should occur as a result of gross overdosage, atropine is antidotal.

NOTE: Acute symptoms of overdosage in cattle are frequent defecation, urination, lacrimation, and muscular twitching. Later symptoms are salivation, diarrhea and muscular weakness.

CONTRAINDICATIONS AND RESTRICTIONS

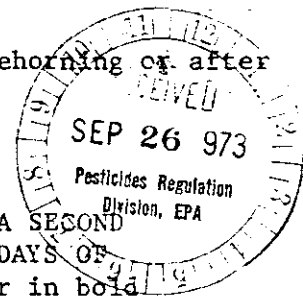
Do not treat lactating dairy cattle, calves less than 3 months old, sick, convalescent, or stressed livestock.

Do not treat non-lactating dairy cattle within 28 days of freshening. If freshening should occur within 28 days after treatment, do not use milk as human food for the balance of the 28-day interval.

Do not treat cattle for 10 days before or after shipping, weaning, or dehorning or after exposure to contagious or infectious diseases.

WARNING:

DO NOT SLAUGHTER WITHIN 35 DAYS FOLLOWING A SINGLE TREATMENT. IF A SECOND APPLICATION IS MADE FOR LOUSE CONTROL, DO NOT SLAUGHTER WITHIN 45 DAYS OF THE SECOND TREATMENT. (Note for printing: This statement to appear in bold face type and contrasting color.)



TIGUVON (Brand of fenthion) 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.

WARNING

May be poisonous if swallowed. Harmful if absorbed through the skin. Do not get in eyes or on skin. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

Do not contaminate feed or food. Keep out of reach of children.

This material contains a cholinesterase inhibitor. If poisoning should occur, obtain prompt medical aid.

To Physician and Veterinarian - Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

CONTAINER DISPOSAL

DO NOT REUSE THE CONTAINER - Completely empty the contents. Rinse empty container by filling with water and adding 2 tablespoonfuls of household lye. Bury rinse solution and any unused chemical at least 18 inches deep in an isolated location away from water supplies. Punch holes in the top and bottom of the can, crush and bury as above.

Do not use container in any connection with feed, food or drinking water.

4/4

PROTECT WILDLIFE

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

TIGUVON is a Reg. TM of the German trademark proprietor, Leverkusen.

MANUFACTURED BY

CHEMAGRO

Division of Baychem Corporation

Box 4913, Kansas City, Mo. 64120

TEXT TO BE PLACED ON TOP OF CONTAINER

ATTENTION! Contains TIGUVON POUR-ON. DO NOT APPLY AS A SPRAY