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 ED UNDER NO. 11556-37

DIRECTIONS FOR USE

Beef Cattle and Non-lactating Dairy Cattle: SPOTTON Ready-To-Use Solution requires no further dilution. A single application placed on the face of an animal gives highly effective control of cattle grubs.

Amount to use: 20% SPOTTON Ready-To-Use Solution at rates shown in the table below. Due to the small amount of material required, care must be taken to avoid overdosing.

Weight of Animal	Amount of SPOTTON 20% Solution per animal	Number of animals contents of this container will treat
150-300 lbs.	4 cc	118
301-600 lbs.	8 cc	59
601-900 lbs.	12 cc	39
901-1200 lbs.	16 cc	29
Over 1200 lbs.	20 cc	24

Contraindications and restrictions: Do not treat dairy cattle of breeding age or less than 3 months of age. Do not use on severely diseased animals.

Do not slaughter within 45 days of treatment.

Do not treat cattle for 30 days before or after dipping, weaning, or detaching, or after any desire to contract or order from elsewhere.

Notice to veterinarians: If the proper dosage of SPOTTON Ready-To-Use Solution has been applied and administered correctly, but the animal does not respond to treatment, a physical examination is highly recommended. A physical examination should be made to determine if the animal is suffering from any other disease. Atropine is a highly effective antispasmodic. If necessary, relief of spasm by the insertion of a stomach tube may reanimate 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.

Warning: SPOTTON (fenthion) 20% Ready-To-Use Solution 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 a cholinesterase inhibiting drug, including chemicals.

Note: A toxic syndrome of over dosage in cattle are frequent dehydration, urination, lacrimation,

and muscular twitching. Later symptoms are salivation, diarrhea and muscular weakness.

Warning: May be fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on face or on clothing. 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 swallowed by humans, induce vomiting by giving 2 tablespoons of salt in a glass of water and seek medical attention immediately when poisoning is suspected.

To Physician: Atropine is antidotal. P-PAM is also antidotal, and may be administered in conjunction with atropine.

Container disposal: Do not re-use empty container. Destroy it by burning with wastes or burning. Stay away from smoke or fumes. Do not use container in any connection with feed, food or drinking water.

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.

SPOTTON is a Reg. TM of the Parent Company of Farbentabakeren Bayer GmbH, Leverkusen.

RECEIVED
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SPOTTON

(fenthion)
CATTLE INSECTICIDE

20%
 Ready To Use

FOR CATTLE AND CALVES TO PROTECT AGAINST GRUBS

GUARANTEE
 ACTIVE INGREDIENT
 fenthion (2,0-Dimethyl O-[4-(methylthio)-p-tolyl] phosphorothioate) 20%
 INERT INGREDIENTS 80%
 U.S. Patent No. 3,042,703 100%
 EPA Reg. No. 11556-37

KEEP OUT OF REACH OF CHILDREN
WARNING

(See back for warning statements)

NET CONTENTS 16 fl. oz. (1 pint) 473 cc

USE ONLY AS DIRECTED

See package insert for additional directions on application procedures and timing of treatment.

BATCH NO.

MANUFACTURED BY

EXPIRATION DATE

CHEMAGRO

Division of Maychem Corporation
 Box 4911 Kansas City, Mo. 64120

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SPOTTON

fenthion CATTLE INSECTICIDE

20%
Ready-To-Use
Solution

FOR CONTROL OF CATTLE GRUBS

Directions for Use

Beef Cattle and Non-lactating Dairy Cattle: SPOTTON (fenthion) Cattle Insecticide 20% Ready-to-Use Solution requires no further dilution. A single application placed on the backline of an animal gives highly effective control of cattle grubs.

Amount to use: Apply SPOTTON 20% Ready-To-Use Solution at the rates shown in the following table. Due to

the small amount of material required, care must be taken to avoid overdosing.

How to apply: SPOTTON 20% Ready-To-Use Solution should be applied using an automatic syringe that can be calibrated to deliver the required dosage. Consult your Dealer for information regarding a suitable syringe.

Weight of Animal	Amount of SPOTTON 20% Solution per animal	Number of animals contents of this container will treat
150-300 lbs.	4 cc	118
301-600 lbs.	8 cc	59
601-900 lbs.	12 cc	39
901-1200 lbs.	16 cc	29
Over 1200 lbs.	20 cc	24

NOTE: Components of some syringes are not compatible with this formulation. If not properly cared for, they may be damaged resulting in improper application. O-rings and any other moving parts made out of rubber or neoprene will swell after prolonged contact with the solution. Prompt cleaning after each day's use is essen-

tial. Do not use syringes with plastic barrels. Glass or metal syringe barrels are recommended. Replace regular cap on container with the special dispenser tube cap provided. Attach the connecting hose to the syringe and to the dispenser tube on the container. Adjust the syringe to the desired dose and apply

Directions for Use (cont.)

the solution to a single location on the midline of the animal's back.

When completed, drain any solution remaining in syringe and hose back into container, and tightly close with original cap.

Cleaning syringe: Do not allow the SPOTTON Solution to remain in the connecting hose or syringe overnight. Wash thoroughly with detergent solution after each day's use; then rinse well with clean water.

Wash thoroughly with soap and warm water after cleaning syringe.

When to treat for grub control: Proper timing of treatment is important. For most effective results, cattle should be treated as soon as possible after heftly 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.

Contraindications and Restrictions

Do not treat dairy cattle of breeding age, calves less than 3 months old, sick, convalescent, or severely stressed livestock.

Do not slaughter within 45 days of treatment.

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

Warning: SPOTTON (fenthion) 20% Ready-To-Use Solution 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.

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

Notice to veterinarian: If the proper dosage of SPOTTON 20% Ready-To-Use Solution 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.

USE ONLY AS DIRECTED

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Division of Baychem Corporation
Box 4913, Kansas City, Mo. 64120

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