

17-FEB-1999

((LABEL))

18138-60

SPOTTON
CATTLE INSECTICIDE
20% READY-TO-USE SOLUTION
FOR CONTROL OF CATTLE GRUBS AND REDUCTION OF LICE
AGRICULTURAL

GUARANTEE: FENTHION.....20%

REGISTRATION NO. 13250
PEST CONTROL PRODUCTS ACT

WARNING POISON

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

NET CONTENTS: 2.84 L

BAYER
Bayer Inc.
Agriculture Division, Animal Health
77 Belfield Road,
Toronto, Ontario M9W 1G6

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. May be poisonous if swallowed. Harmful if absorbed through the skin. Do not get in eyes or on skin. Avoid getting on clothing. Avoid contact with

eyes by wearing protective eyewear. Suitable chemical-resistant gloves, long sleeves and trousers must be worn during application. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before re-use.

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

FIRST AID: If swallowed, obtain prompt medical aid or call a Poison Control Centre. Do not induce vomiting. If spilled on skin, wash immediately with soap and warm water. If in eyes, rinse immediately with plenty of water and obtain prompt medical aid.

TOXICOLOGICAL INFORMATION: Compound depresses cholinesterase. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

DISPOSAL: Do not re-use empty container. Follow provincial instructions for any required cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the clean up of spills, contact the Provincial Regulatory Agency or the Manufacturer.

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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 in one spot on the backline of an animal gives effective control of cattle grubs and reduction of lice.

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 apply the proper dose. Only one application per season is required for grub control and reduction of lice.

WEIGHT OF ANIMAL	AMOUNT OF SPOTTON 20% SOLUTION PER ANIMAL	NUMBER OF ANIMALS CONTENTS OF THIS CONTAINER WILL TREAT	(Kg)
68-136	4 mL	710	
137-272	8 mL	355	
273-408	12 mL	236	
409-544	16 mL	177	
Over 544	20 mL	142	

HOW TO APPLY:

1 L Size: Remove cap and inner foil seal from container. Determine the amount of solution needed based on the animal's weight from the above table. Hold the container upright and gently squeeze to force solution into the measuring cup, using care to fill ONLY to desired quantity (1 dose).

Apply the solution to a single location on the midline of the animal's back by holding the container close to the back and carefully pouring from the side of the cup opposite the filling tube (to prevent solution from re-entering the filling tube). Repeat this procedure for each animal to be treated. When all treatments have been completed, close the container tightly with the original cap.

2.84 L Size: Replace regular cap on container with the special dispenser tube cap provided. Attach the connecting hose to the applicator and to the dispenser tube on the container. Adjust the applicator to the desired dose. Apply the solution to a single location on the midline of the animal's back, holding the applicator between 10 and 60 centimetres from the animal. When treatment has been completed, drain any solution remaining in applicator and hose back into container. Close container tightly with original cap.

WHEN TO APPLY FOR GRUB CONTROL:

WARNING: PROPER TIMING OF TREATMENT IS IMPORTANT. FOR MOST EFFECTIVE RESULTS, CATTLE SHOULD BE TREATED AS SOON AS POSSIBLE AFTER HEEL FLY 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. Host-parasite reactions are most prevalent during the winter months. Therefore, if treatment cannot be made before the end of November, treatment during the winter months of December, January and February should be made only under the supervision of a veterinarian. Consult your Provincial Recommendations 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 be kept on low-energy feed for 48 hours before and 72 hours after treatment. 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 warbles in the back.

NOTE TO VETERINARIAN: Treated animals may show signs of host-parasite reactions or frank toxicity from the insecticide. If the proper dosage of SPOTTON 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. Do not administer atropine, as it is contraindicated in host-parasite reactions. If necessary, relieve bloat by trocarization, as a stomach tube may traumatize a severely swollen esophagus. In cases of insecticide toxicity characterized by excessive salivation, lacrimation, miosis, dyspnea, diarrhea, muscular twitching and tremors, ataxia and paralysis, atropine and 2-PAM are antidotal. Large doses of quick-acting Vitamin A may also be beneficial.

APPLICATION RESTRICTIONS

DO NOT TREAT LACTATING DAIRY CATTLE, ANIMALS LESS THAN 3 MONTHS OLD, SICK, CONVALESCENT OR STRESSED LIVESTOCK.

Do not treat non-lactating dairy cattle within 10 days of freshening. If freshening should occur within 10 days after treatment, do not use milk as a human food for the balance of the 10-day interval.

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

Do not apply within 45 days of slaughter.

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NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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