

Reason for issue: Revised to conform with Cyanamid's draft label.

Prev. Date Released 9-14-73

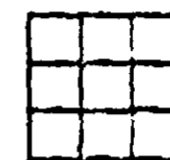
Date Released \_\_\_\_\_

PURINA®

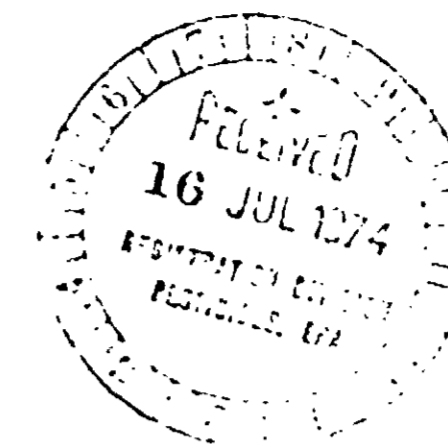
GRUB KILL

Famphur

POUR-ON CATTLE INSECTICIDE 13.2%  
For Control of Cattle Grubs and Lice Infestations



TM



E.P.A. Reg. No. 602-159-AA

(® in 3 Row Checker Band)

Active Ingredients:

<u>O</u> , <u>O</u> -dimethyl O-[p-(dimethylsulfamoyl) phenyl] phosphorothioate†	13.2%
Xylene	46.2%

Inert Ingredients	40.6
	<u>100.0%</u>

†Famphur (1 gallon contains 1.04 pounds Famphur)

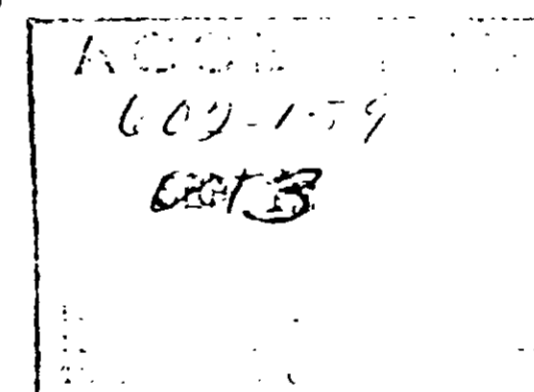
TAKE TIME



OBSERVE LABEL DIRECTIONS

(18 pt. type)  
(12 pt. type)

WARNING!  
KEEP OUT OF REACH OF CHILDREN  
PRECAUTION



AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English do not use this product until the label has been fully explained to you)

See Side Panel For Antidote And Other Warnings

Net Contents: 1 Gallon

Manufactured For  
and

Packaged By  
RALSTON PURINA COMPANY  
General Offices  
Checkerboard Square  
St. Louis, Missouri 63103

**WARNING!** HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN (red)  
Avoid contact with skin, eyes, and clothing  
Wash thoroughly after handling  
Do not contaminate food or feed products

**COMBUSTIBLE** (red)

Keep away from heat, sparks, and open flame including hot branding  
iron and cautery dehorning. (contrasting red)

**FIRST AID:**

If poisoning should occur, CALL A PHYSICIAN.

**NOTE TO PHYSICIANS:** This product may cause cholinesterase inhibition.  
Atropine is antidotal. Pralidoxime chloride (2-P.A.M.; PROTOPAM chloride)  
may be effective as an adjunct to atropine. Use according to label directions.

DIRECTIONS FOR USE

Pour GRUB-KILL at the rate of 1 ounce per 200 pounds body weight from the  
shoulder to the tail head. Follow the suggested schedule below:

<u>Av. Cattle Weight</u>	<u>Dosage</u>	<u>One Gallon Treats</u>
200 lbs.	1 oz.	128 head
400 lbs.	2 ozs.	64 head
600 lbs.	3 ozs.	42 head
800 lbs. & over	4 ozs.	32 head

One treatment with GRUB-KILL will effectively control cattle grubs and reduce  
cattle lice infestations.

FOR GRUB CONTROL: Apply as soon as possible after heel fly activity ceases.  
It is important to treat before the grub larvae reach the gullet or spinal  
area as rapid kill of large numbers of larvae may possibly cause a host  
parasite reaction. As a general guide, treatment should be applied to cattle  
in or from the following areas as shown below:

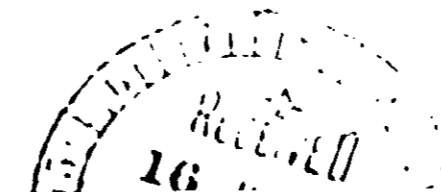
Southwestern states - April/May  
Southern states - June/July  
Central states - August/September  
Northern states - October/November

Consult your veterinarian, extension entomologist or county agent to confirm  
the best time for application in your area.

Treatment within 6-8 weeks of grub emergence will be less effective and carcass  
damage may result from dead grubs.

Treatment is less effective on wet animals or animals exposed to rain after  
treatment.

FOR LICE CONTROL: Initial treatment (lice) must be made at the times recommended  
for grub control. If lice reinfestation occurs, animals may be retreated 30 days  
after last treatment.



PRECAUTION: Do not use on lactating dairy cows or dry dairy cows within 21 days of freshening; calves less than 3 months old; animals stressed from castration, overexcitement or dehorning; sick or convalescent animals. Animals may become dehydrated and under stress following shipment. Do not treat until they are in good condition.

WARNING: On occasion, cattle treated with GRUB-KILL may show signs of organophosphate poisoning such as excessive salivation, stiffness of limbs and bloot. Atropine is antidotal. A veterinarian should be consulted.

Brahman and Brahman crossbreeds are less tolerant of cholinesterase-inhibiting insecticides than other breeds. DO NOT TREAT BRAHMAN BULLS.

GRUB-KILL is a cholinesterase inhibitor. Do not use any drug, pesticide, insecticide, or chemicals having cholinesterase-inhibiting activity either simultaneously or within a few days before or after treatment with GRUB-KILL.

Do not slaughter within 35 days after treatment.

Keep swine away from areas where run-off occurs.

DISPOSAL OF CONTAINERS: Drain container completely. Add ½ gallon water, ½ cup of detergent and ¼ pound of lye. Tighten closure. Rotate to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Bury rinse solution at least 18 inches deep in an isolated area away from water supplies. Tighten closure. Puncture and crush container to prevent reuse. Bury deeply in an isolated location with 18 inches of cover.

Toxic to fish, birds and other wildlife. Keep out of lakes, ponds and streams. Do not apply to areas where run-off occurs. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Expiration Date

D-3893

Control No.

745 K

E.P.A. Est. 602-MO-1

Printed in U.S.A.

