

In the balance of the United States DO NOT TREAT FOR GRUB CONTROL DURING NOVEMBER, DECEMBER, JANUARY, AND FEBRUARY.

Cattle treated for grub control during these months are more subject to toxic side reactions.

**SEASONAL CONTROL OF CATTLE LICE: READ CAREFULLY. FAILURE TO FOLLOW DIRECTIONS MAY MAKE CATTLE SICK.**

**FOR CATTLE ALREADY TREATED FOR GRUBS:** Cattle treated for grub control according to recommendations may be treated again, as recommended below, in the fall, winter and spring months when lice are a problem.

**FOR CATTLE NOT TREATED FOR GRUBS:** For cattle from or in Arkansas, Kansas, Missouri, Nebraska, Oklahoma, Texas and the eastern one-third of Colorado and New Mexico DO NOT TREAT FOR LICE CONTROL DURING OCTOBER, NOVEMBER, AND DECEMBER.

Cattle from or in Alabama, Florida, Georgia, Louisiana, Mississippi, and South Carolina, may be treated any time of the year.

In the balance of the United States DO NOT TREAT FOR LICE CONTROL DURING NOVEMBER, DECEMBER, JANUARY, AND FEBRUARY.

During these months grubs, if present, will be in the gullet and neural canal. Kill of grubs in these areas by the lice control treatment may result in toxic side reactions and make the cattle sick.

**HOW TO USE:** For lice control dilute 1/2 gallon of CO-OP Ruelene 25E with 2 gallons of water and stir thoroughly. Use as a pour-on treatment, applying 1 ounce of the mixture per 100 pounds of body weight. For animals weighing 800 pounds or more, use only 8 ounces per head. Do not treat oftener than every 28 days.

**THIS PACKAGE TREATS BY POUR-ON:**

|                                   |                        |
|-----------------------------------|------------------------|
| 128 - 200-pound animals           | 51 - 500-pound animals |
| 85 - 300-pound animals            | 42 - 600-pound animals |
| 64 - 400-pound animals            | 36 - 700-pound animals |
| 32 - 800-pound or heavier animals |                        |

U. S. Patent No. 2,929,762

**NOTICE OF WARRANTY:** Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

FARMLAND INDUSTRIES, INC.

**WARNING**

Do not apply within 28 days of slaughter. Do not apply to lactating dairy cows or to dry dairy cows within 28 days of freshening.

Do not load cattle in poorly ventilated trucks (such as possum bellies) within 24 hours following treatment. The solvents in CO-OP Ruelene 25E insecticide may cause eye injury to the animals. Do not treat sick animals. Do not treat animals under stress from castration, dehorning, disease, over-exertion or excitement, nor within 10 days after shipping, weaning, or exposure to diseases. Some animals, especially those that are sick or under stress, may suffer side reactions, which are exhibited as bloat, salivation, and/or stiffening of hindquarters.

Cattle should have free access to water and feed before and after treatment. If cattle react abnormally, encourage exercise. Should abnormal conditions persist, consult a veterinarian.

In southern areas with high humidity and high temperatures, the pour-on treatment may cause temporary skin burn but not permanent skin damage.

**CAUTION**

For humans handling undiluted CO-OP Ruelene 25E and pour-on mixture. Injurious to the eyes, absorbed through skin, harmful if swallowed.

Do not get in eyes, on mucous membranes, on skin, or on clothing. Do not take internally. Clean contaminated clothes before re-use. Wash thoroughly with soap and water after handling. Avoid contamination of food, feedstuffs, and water supplies. Keep away from heat and open flame. Keep container closed. Keep material properly labeled and out of the reach of children. In case of eye contact, flush eyes with plenty of water for at least 15 minutes. Call a physician.

**HANDLING DILUTED SPRAYS** — Avoid breathing the mist and avoid prolonged or repeated skin contact. Wash thoroughly after using.

Note to physician: Active ingredient is a cholinesterase inhibitor. Treat symptomatically - Atropine is an antidote.

COMBUSTIBLE LIQUID

Code 18-2610

U.S.D.A. Reg. No. 1990-344



Kills cattle grubs, lice, hornflies on cattle.

**ACTIVE INGREDIENT**

4-tertiary Butyl-2-Chlorophenyl Methyl Methylphosphoramidate .....25%

**INERT INGREDIENTS** .....75%

**Total** .....100.0%

® Ruelene 25E - Trademark of THE DOW CHEMICAL COMPANY

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN  
READ COMPLETE PRECAUTIONS ON  
SIDE PANEL**

NET CONTENTS 1 1/2 GALLON

**CO-OP RUELENE 25E**

The new easier to use and effective insecticide for cattle grubs, lice, and hornflies on cattle.

**LIVESTOCK REMEDY — NOT FOR HUMAN USE.** Advantages of pour-on treatment — Treat young calves too - no costly equipment necessary - no unusual handling required - not necessary to wet entire animal.

**DIRECTIONS**

A single treatment with CO-OP Ruelene 25E insecticide is highly effective for the control of cattle grubs. Hornflies will be controlled for 2 to 3 weeks. Control of cattle lice will be obtained. If reinfestation of lice occurs, retreat as directed below but not oftener than every 28 days.

**POUR-ON TREATMENT:** To prepare pour-on mixture dilute 1/2 gallon of CO-OP Ruelene 25E with 1 1/2 gallons of water. For best results and minimum run-off, add the water slowly with vigorous stirring to give a thick mixture.

To apply, pour 1 fluid ounce of the mixture per 100 pounds of body weight along the center line of the back of the animal. For animals weighing 800 pounds and more, apply only 8 ounces. Use a long handled dipper such as that supplied with Ruelene 25E which holds up to 8 fluid ounces.

**SPRAY TREATMENT:** To prepare a spray, mix 1 1/2 gallons of CO-OP Ruelene 25E with 100 gallons of water (.375 gallon of CO-OP Ruelene with 25 gallons water)

To apply, spray cattle to wet skin on back and sides. Spray at 200 to 400 psi to assure good penetration through hair. Use a maximum of 1 gallon per animal

**WHEN TO APPLY POUR-ON AND SPRAY FOR GRUB CONTROL:** For best control of grubs, treat cattle as soon as possible after heel fly activity ceases.

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(Continued on back panel)

ACCEPTED