

ACCEPTED
APR 09 1975
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1990-358



USE PRECAUTIONS

Do not apply within 7 days of slaughter.
Do not apply to dry dairy cows within 3 days of freshening, or to cows producing milk for human consumption. If cows freshen during treatment, or if treatment has not been withdrawn the required 3 days prior to freshening, milk must not be used for human consumption for 3 days after the last treatment.
Warning: Crufomate 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 treat sick animals. Do not treat animals under stress from castration, dehorning, over-exertion, or excitement, or within 10 days after shipping, weaning or exposure to diseases. Some animals, especially those that are sick or under stress, may suffer side reactions such as bloat, salivation and/or stiffening of hindquarters. Consult a veterinarian before treating animals that are severely weakened or underweight from lice or internal parasites.
Cattle should have free access to water and feed before and after treatment. Consult a veterinarian at the first sign of adverse reaction.
Note to veterinarian: Do not use stomach tube for relieving bloat because swollen gullet is easily damaged. The use of a trocar and cannula is preferred.
When branding at treatment time, brand first then treat with Ruelene 12R to avoid possibility of hair catching fire.

WARNING

Absorbed through skin. Causes eye irritation. Harmful if swallowed. Flammable. 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, feed-stuffs and water supplies. 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.
Keep product away from heat, sparks, and open flame. Use with adequate ventilation.
Note to physician and veterinarian: Crufomate is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.
Rinse contaminated equipment thoroughly with water. Dispose of unused POUR-ON by burying it in non-crop lands away from water supplies. Do not reuse empty container. Destroy it by perforating or crushing it, and bury it.
NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

CONTENTS 1 GALLON

**RUELENE* 12 R
INSECTICIDE**

**READY-TO-USE POUR ON FOR CATTLE
Kills grubs, lice and hornflies on cattle**

Active Ingredient:

Crufomate (4-tert-butyl-2-chlorophenyl methyl methylphosphoramidate)13.4%
Inert Ingredients86.6%
(Isopropyl alcohol 66.6%)

E.P.A. Registration No. 1990-358
*Trademark of the Dow Chemical Company.

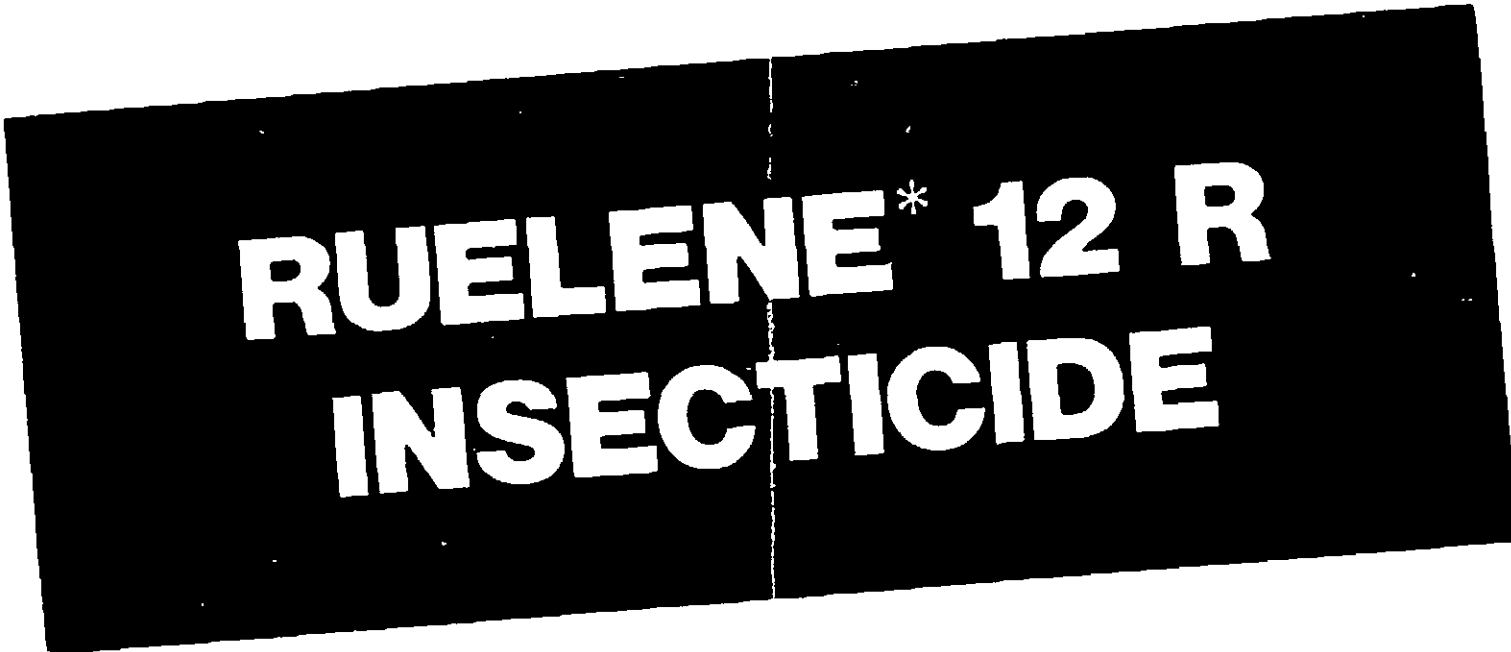
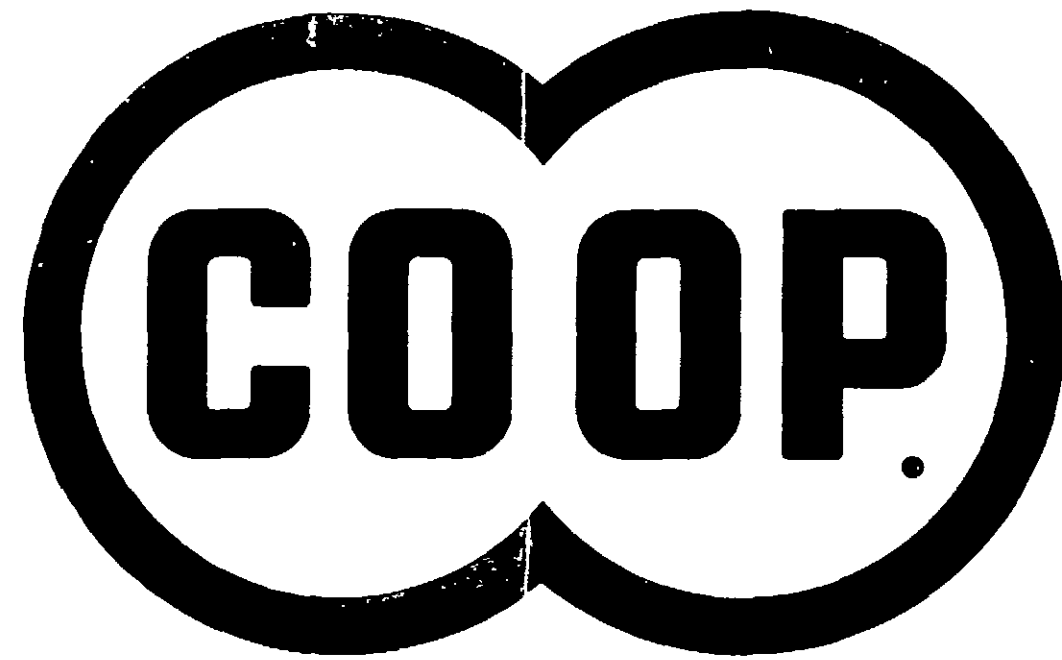
WARNING

KEEP OUT OF REACH OF CHILDREN

For complete precautions, see label paper.

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WARNING

KEEP OUT OF REACH OF CHILDREN

Read complete precautions on side panel

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

RUELENE 12R
Livestock Remedy . . . Not For Human Use

Do not dilute. Use directly from container. For grubs, hornflies and lice on cattle.

DIRECTIONS

READ CAREFULLY. FAILURE TO FOLLOW DIRECTIONS CAN MAKE CATTLE SICK.

A single treatment with Ruelene 12R is effective for the control of grubs and lice.

Hornflies will be controlled for as long as 3 weeks.

To control grubs, hornflies and lice:

Pour Ruelene 12R along the back of the animal. Use at the rate of 1/2 fluid ounce Ruelene 12R per 100 pounds of animal body weight up to 1,000 pounds. For animals weighing more than 1,000 pounds, use no more than 5 fluid ounces per animal.

Table with 3 columns: THE CONTENTS, Weight of Animals, Number of Animals Which May Be Treated. Rows include 200, 300, 400, 500, 600, 700, 800, 900, 1000 pounds.

When to apply pour-on: To control grubs.

Treat cattle with Ruelene 12R as soon as possible after activity of the heel fly ceases and early in the grub cycle, prior to the time the grubs are in the esophagus (gullet) and/or spinal canal.

Cattle treated when large numbers of grubs are present in the esophagus (gullet) or spinal canal may show complications referred to as the host-parasite reaction syndrome (HPR). The syndrome is caused by substances released from the killed grubs, and is usually reversible.

Treatment either before or after the period during which grubs are in the esophagus or spinal canal will not cause the HPR syndrome; however, treatment as soon as possible after the activity of the heel fly ceases is recommended.

NOTE: Calves and yearlings are more prone to show the HPR syndrome because of heavier infestations.

Note to veterinarian: The HPR syndrome is due to a toxic effect of Ruelene 12R and cannot be treated with atropine sulfate. It is contraindicated in such cases and can cause atropine poisoning. Atropine, barbiturates or corticosteroids are indicated.

To control hornflies and lice:

Cattle that have been treated for grubs according to the above schedule may be retreated for lice and hornflies at any time during the year+. Based on the life cycle of hornflies, retreatment every 21-28 days is recommended. Retreat for lice only if reinfestation occurs.

Cattle that have not been treated for grubs may be treated for lice or hornflies at any time during the year+. Refer to the statement above concerning treating cattle when grubs are in the tissues of the esophagus and spinal canal.

+Note withdrawal times prior to slaughter and calving listed under USE PRECAUTIONS on side panel.

SEE WARNING ON SIDE PANEL

FARMLAND INDUSTRIES, INC.