



**GO-RAL**  
(coumaphos)  
**ANIMAL INSECTICIDE**  
1% READY-TO-USE SPRAY

**FOR CONTROL OF HORN FLIES ON DAIRY AND BEEF CATTLE**

PROTECT FROM FREEZING

**CAUTION**

See rear panel for caution statements

**KEEP OUT OF REACH OF CHILDREN**

**NET CONTENTS ONE GALLON**

**GUARANTEE**

**ACTIVE INGREDIENT:**

*O,O*-Diethyl *O*-3-chloro-4-methyl 2-oxo-2*H*-1-benzopyran-7-yl phosphorothioate 1%  
Petroleum Distillate 67%  
**INERT INGREDIENTS** 32%  
100%

U.S. Patent No. 2,748,146  
Canadian Patent No. 523,206

USDA Reg. No. 3125-243

MANUFACTURED BY



**CHEMAGRO CORPORATION**  
KANSAS CITY, MISSOURI

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**IMPORTANT:** Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using CO-RAL Animal Insecticide 1% Ready-To-Use Spray

**CONDITIONS OF SALE:** These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

#### **DIRECTIONS FOR USE**

CO-RAL 1% Ready-To-Use Spray requires no further dilution. For beef and dairy cattle, apply with a hand powered spray gun or a low pressure power sprayer delivering a fine mist spray. Direct as a light spray to the back, flanks, neck, withers and lower front legs of the animal. Do not attempt to obtain penetration of the spray to the skin.

Apply to dairy cows after either the morning or evening milking. Avoid treatment of udder area.

Make daily applications using 1 to 2 fluid ounces per head for up to three consecutive days to achieve initial horn fly control. Make repeat treatments using 1 to 2 fluid ounces every 5 to 7 days as required to maintain control.

Animals should be retreated after exposure to heavy rainfall.

#### **RESTRICTIONS**

Avoid contamination of drinking water, feed trough, milk or milking utensils. Provide thorough ventilation while spraying.

#### **CAUTION**

For external insecticidal use on animals. Harmful if swallowed. Avoid prolonged inhalation of spray mist. Avoid contact with skin or eyes. Wash with soap and warm water after handling. Do not contaminate feed, food or drinking water. Keep out of reach of children.

Should poisoning occur, obtain prompt medical aid. Prolonged exposure will result in cholinesterase depression.

#### **TO PHYSICIAN:**

Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

#### **CONTAINER DISPOSAL**

Do not reuse empty container. Destroy it by burying with wastes or burning. Stay away from smoke or fumes.

#### **WARRANTY AND LIMITATION OF DAMAGES**

Chemagro Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. CHEMAGRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.