

AUG 29 1990

300 266816  
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Mr. Michael A. Jackson  
Platte Chemical Company  
419 18th Street  
P.O. Box 667  
Greeley, CO 80632

Dear Mr. Jackson:

Subject: Coumaphos Registration Standard - 2nd Round Review  
Co-Ral Animal Insecticide 1% Bulk Dust  
EPA Registration No. 34704-267  
Clean Crop Co-Ral Animal Insecticide 1% Shaker Can  
EPA Registration No. 34704-268  
RL2 Dust Contains Co-Ral  
EPA Registration No. 34704-269  
You Letters Dated December 26, 1989 and July 23, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. For all subject products under **Note to Physician** insert the wording **by injection** into the phrase "Atropine sulfate **by injection** is antidotal."
2. For those products recommending direct application under cattle instructions modify the statement, "**repeat as necessary**" to read, "**Repeat as necessary but not more often than every 14 days.**"
3. For Clean Crop Co-Ral Animal Insecticide 1% Shaker Can, EPA Registration No. 34704-268, add the following statement under the subheading **Restriction**:  
  
Persons treating animals should avoid repeated direct contact with skin or inhalation with dust.
4. For RL2 Dust Contains Co-Ral, EPA Reg. No. 34704-269 and Co-Ral Animal Insecticide 1% Bulk Dust, EPA Reg. No. 34704-267, add the following statement under the dust bag directions for use:
  - a. **Manage the dispenser bag so as not to apply more than 1 oz dust per animal per day.**

5. The instruction for "Reducing Face Fly Populations" and "Installation of Dust Bags" for RL2 Dust Contains Co-Ral should also appear under the dust bag instruction for Co-Ral Animal Insecticide 1% Bulk Dust.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

The current Confidential Statement of Formulas (CSFs) submitted for the above mentioned products and dated December 13, 1989 are acceptable and have been placed in the record file for each subject product.

Sincerely,

George T. LaRocca  
Product Manager 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure



# CO-RAL

## ANIMAL INSECTICIDE

# BULK DUST

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Aug 29 1955

On the basis of the data submitted by and received from the manufacturer for the pesticide, the EPA has determined that it is safe for use in accordance with the label directions.

### CONTROL OF HORN FLIES & LICE ON BEEF & DAIRY CATTLE—REDUCTION OF FACE FLIES ON BEEF & DAIRY CATTLE—CONTROL OF LICE ON SWINE—CONTROL OF HORN FLIES ON HORSES

#### ACTIVE INGREDIENT:

Coumaphos: O,O-diethyl O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate ..... 1.0%

INERT INGREDIENTS: ..... 99.0%

TOTAL 100.0%

### USE IN DUST BAG, SHAKER CAN, OR MECHANICAL DUST APPLICATOR

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-267

EPA EST. NO. 34704-NB-1

NET WEIGHT \_\_\_\_\_ POUNDS

\* CO-RAL is a Registered T.M. of the Parent Company of Farben Fabriken Bayer GmbH, Leverkusen.

25163

EXPIRY

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dusts. Avoid contact with eyes, skin and clothing.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention if victim displays signs of poisoning.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician immediately. To Physician: Prolonged exposure will result in cholinesterase depression. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

**STORAGE:** Store in safe manner. Store in original container only. Store

in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### RECOMMENDED APPLICATIONS USE ONLY AS DIRECTED

This dust may be used to fill cattle dust bags or it may be applied directly to cattle, horses, swine, or swine bedding by use of a shaker can or a suitable mechanical dust applicator. When used as recommended, it controls horn flies and lice on beef and dairy cattle, horn flies on horses and lice on swine. This product will also reduce face fly populations on cattle, however, as face flies are able to travel over an area of several miles, best reduction of face fly population is achieved when animal insecticide is used on an area-wide basis.

ANIMAL	INSECTS	REMARKS
Beef and Dairy Cattle	Horn Flies Lice Face Flies	<b>DUST BAG:</b> Place contents of this package in any commercially available dust bag. Suspend bags in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed, or minerals. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows, bags may be suspended in the exit through which cows leave the milking barn. In all cases, the bags should be adjusted so that the bottom of the bag will hang four to six inches below the topline of the cattle. For reduction of face flies, the bags must be located so the animals will be forced to use them daily and hung at a height to insure that the faces of the cattle will be dusted.  <b>DIRECT APPLICATION:</b> This insecticide may be applied by use of a shaker can or by using a suitable mechanical dust applicator. Animals should be thoroughly dusted using not more than 2 oz. (8 level tablespoonsful) of dust per animal per treatment. Repeat as necessary.
Swine	Lice	<b>DIRECT APPLICATION:</b> Apply not more than 1 oz. (3 level tablespoonsful) per head as a uniform coat to the head, shoulders, and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary but not more often than once every ten days.  <b>BEDDING TREATMENT:</b> Apply 2 oz. (6 level tablespoonsful) uniformly over each 30 square feet of (continued)

4 8 4

# CO-RAL BULK DUST

EPA REG. NO. 34704-267

(continued)

ANIMAL	INSECTS	REMARKS
Swine (Cont'd)		fresh, dry bedding by use of a shaker can or a suitable mechanical dust applicator. Repeat as necessary but not more often than once every ten days.
Swine	Lice	<b>DIRECT APPLICATION and BEDDING TREATMENT:</b> In severe infestations both individual animals and the bedding may be treated as directed above.
Horses	Horn Flies	<b>DIRECT APPLICATION:</b> Apply not more than 2 oz.* per animal. Dust evenly into the hair over the head, neck, shoulders, back, and tail-head. Repeat as necessary.

No interval is required between treatment and slaughter or between treatment and use of milk as food.

\*NOTE 1 oz. of this material equals approximately three level table-spoonful.

## RESTRICTIONS

For external, insecticidal use on above specified animals only.

Do not hang bags over feed, mineral, or water troughs. Avoid contamination of feed, troughs, water and water utensils.

Provide thorough ventilation while dusting. Persons treating animals should avoid repeated direct contact with skin or inhalation of dust.

Do not apply to sick, stressed, or convalescent animals.

**IMPORTANT:** Read these entire Directions and Conditions of Sale, including the Warranty and Limitations of Damages provision, before using this product.

**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, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the Seller. The Manufacturer and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

## WARRANTY AND LIMITATIONS OF DAMAGES:

Manufacturer and Seller warrant 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. Manufacturer and Seller make no other express or implied warranty, including any other express or implied warranty of **FITNESS** or of **MERCHANTABILITY**, and no agent of Manufacturer or Seller 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.

FORMULATED FOR  
PLATTE CHEMICAL CO.

150 SO. MAIN STREET      FREMONT, NEBRASKA 68025