

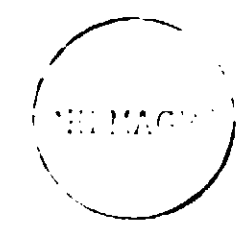
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Base Pre-Reg. (628)

U.S. LABEL

To obtain USDA registration. To revise as per FDA letter of approval dated 10/31/67.

Date of Draft: 11/16/67 (Pre-Reg.)
Supersedes Pre-Reg. Draft Dated: 12/16/66



RAYMIX* 2

FEED PREMIX
(Medicated)
Contains 2% coumaphos

FOR MIXING WITH BEEF AND DAIRY CATTLE FEEDS FOR
THE CONTROL OF FECAL BREEDING FLY LARVAE

CAUTION: This product must be mixed into feeds by feed manufacturers before use.
An approved new drug application is required.

NET WEIGHT _____ POUNDS

*Trademark of Chemagro Corporation.

WARNING
(See rear panel for warning statements.)

KEEP OUT OF REACH OF CHILDREN.

GUARANTEE

ACTIVE DRUG INGREDIENT:	
<u>0,0-Diethyl 0-3-chloro-4-methyl</u> <u>-2-oxo-2H-1-benzopyran-7-yl</u> <u>phosphorothioate</u> / 2.0%
INERT INGREDIENTS:	<u>98.0%</u>
	<u>100.0%</u>

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

Acoumaphos

USDA Reg. No. _____

STOP - READ THE LABEL BEFORE USE

MANUFACTURED BY
CHEMAGRO CORPORATION
KANSAS CITY, MO.

Underlined letters in chemical nomenclature should be italicized when printed, not underlined.

DIRECTIONS FOR USE

BAYMIX 2 Premix added to the daily feed ration of beef and dairy cattle throughout the fly season at the rate of 1.2 milligrams of active ingredient per kilogram of body weight will be effective and in the reduction of feed-borne fly (horn fly, house fly, and stable fly) through control of fly larvae. Effective house fly reduction will be obtained only if this product is used on an area-wide basis because of the migratory nature of this fly species. Start feeding BAYMIX-treated ration in spring or early summer when adult flies appear and continue feeding into the fall until cold weather restricts fly development.

BAYMIX 2 MIXING DIRECTIONSBeef and Dairy Cattle Fed a Complete Mixed Ration

For cattle being fed a complete mixed ration containing both roughage and concentrate, add BAYMIX (coumaphos) feed additive at the rate of 3.3 lbs. of BAYMIX 2 Premix per ton of feed ingredients by preparing appropriate intermediate premixes*, in accordance with good mixing practice. When added to a complete ration, the finished medicated feed will provide a daily dosage of approximately 1.2 milligrams of active ingredient per kilogram of body weight and should be fed daily during the fly season.

Beef and Dairy Cattle Fed Roughage and Concentrate Separately

Using the appropriate combination of feed ingredients and BAYMIX 2 Premix from the chart below, approximately 1.2 milligrams of active ingredient per kilogram of body weight will be contained in the total daily ration.

MIXING AND FEEDING CHART WHEN ROUGHAGE AND CONCENTRATES ARE FED SEPARATELY**

Roughage in Total Ration	% Concentrate Feed in Total Ration	BAYMIX Active Ingredient Required in Concentrate Feed (in ppm)	Pounds of Premix Per Ton of Concentrate Feed
0	100	33	3.3
10	90	37	3.7
20	80	41	4.1
30	70	47	4.7
40	60	55	5.5
50	50	66***	6.6

The most satisfactory fly control can only be obtained by feeding BAYMIX in the ration daily at recommended levels during the fly season.

(Note: See detailed mixing recommendations available from Chemagro Corporation. Obtain and read this information before undertaking the preparation of BAYMIX premixes or finished medicated feed, to gain knowledge of physical and chemical properties, to avoid mixing hazards, and to assure a satisfactory finished product.)

**Cattle on "full feed" consume an amount of feed equivalent to approximately 3.6% of their body weight per day.

*** Not recommended at higher rates.

RAYMIX 2 Premix

CONTRAINDICATIONS AND RESTRICTIONS

Do not feed to cattle less than 3 months old.

Do not feed to sick animals or animals under stress, such as those just clipped, dehorned, castrated, or weaned within the previous 3 weeks.

Do not feed in conjunction with oral drenches, or with feeds containing phenothiazine.

RAYMIX (coumaphos) is a cholinesterase inhibitor. Do not treat animals being treated with RAYMIX with drugs, insecticides, pesticides or other chemicals having cholinesterase inhibiting activity simultaneously or within a few days before or after treatment with this preparation.

Atropine sulfate is antidotal. In case of poisoning contact a veterinarian.

Use only as directed. Dosages higher than those recommended may result in illegal residues in the animal tissues. Chemagro Corporation accepts no responsibility for residues resulting from misuse.

CAUTION

Do not contaminate foodstuffs. Keep out of reach of children. Wash with soap and warm water after handling.

This material contains a cholinesterase inhibitor. If poisoning occurs obtain prompt medical aid.

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