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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 27 1989

300/254083
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Mr. Earl E. ...
 300 East ...
 P.O. Box 51
 Stone Mills, N.C. 27168

Dear Mr. ...

Reference is made to your Registration Statement for ...
 The Registration No. 77-244
 Your letter dated December 27, 1988 and August 1, 1989.

The labeling 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 listed below before you release the product for shipment bearing the amended labeling:

1. In Item 1 of the label, delete "EPA 77-244" and change "spray" to the singular.
2. Both terms, "ACTIVE" and "INACTIVE" should be in the same type size, be aligned to the same margin, and be equally prominent.
3. The term "Preparation" should be in the same type size as "Preparation" in the larger classification for "Preparation".
4. You may delete the word "limit" in the "Preparation" section of the label.

BEST AVAILABLE COPY

55377: I: Hebert: LR-3: KENCO: 10/26/89: 12/5/89: EK: SW: EK: AS

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

-2-

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (47505C)

Enclosure

[RECEIVED] [Date]



Zip Flygone Mineral Mix

To prevent the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle and house flies in the manure of treated swine

ACTIVE INGREDIENTS BY WEIGHT

Tetrachloro-phos	
2-chloro 1 (2,4,5 trichlorophenyl) vinyl dimethyl phosphate	1.0%*
Inert ingredients	99.0%**
Total	100.0%

* RABON® Insecticide - Contains 4.5 grams of RABON per pound

** Refers only to ingredients which are not larvicidal.

FEED INGREDIENTS

Dicalcium Phosphate, Monocalcium Phosphate, Calcium Carbonate, Wheat Middlings, Molasses Products, Vitamin A Acetate, D-Activated Animal Sterol (source of Vitamin D3), Iron Oxide, Zinc Oxide, Calcium Iodate, Cobalt Carbonate, Manganese Oxide, Iron Carbonate, Copper Oxide and Magnesium Oxide.
81889

GUARANTEED ANALYSIS

Minimum Calcium	14.0%
Maximum Calcium	15.0%
Minimum Phosphorus	15.0%
Minimum Salt	9.0%
Maximum Salt	10.8%
Minimum Cobalt	0.002%
Vitamin A, USP units per pound	100,000
Vitamin D3, USP units per pound	25,000

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

Cattle: Allow free choice to cattle. Cattle should consume an average of one-half pound of the mineral per 100 pounds of body weight per month. This will supply the recommended average daily intake of 70 milligrams Rabon® oral larvicide per 100 pounds of body weight. Animals should not be starved for minerals before initiation of the ZIP Flygone Mineral Mix program, but omit all salt from other feed after the program is started. Do not feed other free choice sources of salt or mineral containing salt in any form. Allow one mineral feeder for each 10-15 head and place near watering and loafing areas. Put out no more than one month's supply at a time, and protect from rain.

If consumption of ZIP Flygone Mineral Mix is above one-half pound per 100 pounds of body weight per month, reduce the number of feeding locations or relocate. If consumption is below one-half pound per 100 pounds body weight per month, increase the number of feeding locations. Start feeding ZIP Flygone Mineral Mix early in the spring before flies begin to appear, and continue feeding throughout the summer and into the fall.

ZIP Flygone Mineral Mix may be fed up to slaughter and to lactating dairy cows.

ZIP Flygone Mineral Mix prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle but is not effective against existing adult flies. When starting a feeding program during the fly season, it may be necessary to use other control measures to reduce the population of existing adult flies.

Supplemental fly control measures may be needed in and around cattle lots and buildings to control adult house flies and stable flies which can breed not only in cattle manure but in other decaying vegetable matter or sludge on the premises.

In order to achieve optimum fly control, ZIP Flygone Mineral Mix should be used in conjunction with other good management and sanitation practices.

Keep Out Of Reach Of Children

CAUTION

See Below For Additional
Precautionary Statements

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

CAUTION: Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, get medical attention. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks for protection when handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water when disposing of equipment wash water. Do not use manure/droppings on land where food crops are to be grown during the current growing season.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a dry place in original container.
Disposal: Completely empty container into application (mixer/feeder) equipment. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed, by State and local authorities by burning. If burned, stay out of smoke. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Swine: No pre-slaughter withholding period is required.

Pigs (weaners to market weight): Mix ten pounds of ZIP Flygone Mineral Mix per ton of meal type feed and offer free choice. This is equivalent to 22.7 milligrams of Rabon® per pound of feed.

Sows, boars and breeding gilts: Mix 20 pounds of ZIP Flygone Mineral Mix per ton of meal type feed and offer four to six pounds of feed per animal per day. This is equivalent to 45.4 milligrams of Rabon® per pound of feed.

Start feeding ZIP Flygone Mineral Mix early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

All swine should be treated. ZIP Flygone Mineral Mix prevents development of house flies in the manure from treated swine but is not effective against existing adult flies. In some cases, supplemental fly control measures may be needed in and around the area to control adult flies which move in from other areas or which breed on decaying vegetable matter elsewhere on the premises.

In order to achieve optimum fly control, ZIP Flygone Mineral Mix should be used in conjunction with other good management and sanitation practices.

EPA Reg. No. 7702-5
EPA Est. No. 07702SD01

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 27 1977

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

7702-5

MIXING DIRECTIONS FOR FINISHED FEEDS

The following table shows the correct amount of ZIP Flygone Mineral Mix to be mixed into a complete daily ration in order to provide the recommended average daily intake of 70 milligrams of Rabon® Oral Larvicide per hundred pounds of body weight.

Determine your cattle's average body weight. Find the figure in the left column. Then determine the average consumption of your complete daily ration and find this figure in the top column. Cross reference and you will find amount of ZIP Flygone Mineral Mix to be mixed into your ration. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if ZIP Flygone Mineral Mix is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder trucks) may be used to prepare formulated feeds.

CONSUMPTION PER HEAD PER DAY OF FINISHED FEED (POUNDS)

AVERAGE WEIGHT OF ANIMALS (Pounds)	POUNDS OF ZIP FLYGONE MINERAL MIX TO BE MIXED PER TON OF FINISHED FEED
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Lbs	4	5	6	7	8	9	10	15	20	25	30
Lbs	Lbs	Lbs	Lbs.	Lbs	Lbs	Lbs	Lbs.	Lbs	Lbs	Lbs	Lbs.
400	32	25	21	18	16	14	13	9	7	5	5
500	40	32	27	23	20	18	16	11	8	7	6
600	47	38	32	27	24	21	19	13	10	8	7
700	55	44	37	32	28	25	22	15	11	9	8
800	63	50	42	36	32	28	25	17	13	10	9
900	71	57	47	41	36	32	29	19	15	12	10
1000	79	63	53	45	40	35	32	21	16	13	11
1100	86	69	58	50	43	39	35	23	18	14	12
1200	94	75	63	54	47	42	38	25	19	15	13
1300	102	82	68	59	51	46	41	28	21	17	14
1400	110	88	73	63	55	49	44	30	22	18	15
1500	118	94	79	67	59	53	47	32	24	19	16
1600	125	100	84	72	63	56	50	34	25	20	17
1700	133	107	89	76	67	60	54	36	27	22	18
1800	141	113	94	81	71	63	57	38	29	23	
1900	149	119	99	85	75	66	60	40	30	24	
2000	157	125	105	90	79	70	63	42	32	25	21

NET WT. 50 LBS.

Mfd. by

**zip feed mills
incorporated**

GENERAL OFFICES SIOUX FALLS SD 57117