

# Zip Flygone Mineral Mix

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

## ACTIVE INGREDIENTS: BY WEIGHT

\*2-chloro-1-(2, 4, 5-trichlorophenyl vinyl dimethyl phosphate . . . . . 1.00%  
**INERT INGREDIENTS\*\*** . . . . . 99.00%  
**TOTAL** . . . . . 100.00%

\* Each pound contains 4.5 g RABON®  
 \*\* Refers only to ingredients which are not larvicidal

## FEED INGREDIENTS:

Dicalcium Phosphate, Monocalcium Phosphate, Ground Limestone, Wheat Middlings, Cane Molasses, Vitamin A Acetate (Improved Stability), D-Activated Animal Sterol (Source of Vitamin D3), Iron Oxide, Zinc Oxide, Cobalt Carbonate, Manganous Oxide, Iron Carbonate, Copper Oxide, Magnesium Oxide, and Calcium Carbonate.

## 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

EPA REG. NO. 7702-5  
 EPA EST. NO. 07702SD01

**KEEP OUT OF REACH OF  
CHILDREN**

## CAUTION

See Below For Additional  
Precautionary Statements

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

KEEP OUT OF REACH OF CHILDREN. 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 for 15 minutes. If irritation persists, see a physician.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

### STORAGE AND DISPOSAL

Do not contaminate water or food by storage or disposal. Open dumping is prohibited. Dispose of in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 4 1983

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

7702-5

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

Allow free choice to cattle. Cattle should consume an average of 1.2 lb of the mineral per 100 pounds of body weight per month. This will supply the recommended average daily intake of 70 mg RABON® Oral Larvicide per hundred pounds of body weight. Animals should not be starved for minerals before initiation of the ZIP Flygone Mineral Mix program but **AVOID** 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 free choice 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 1.2 lb per 100 lbs of body weight per month, reduce the number of feeding locations or relocate. If consumption is below 1.2 lb per 100 lbs of 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 air and 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 silage 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.

## 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 mg of Rabon® Oral Larvicide per hundred pounds of body weight.

Determine your cattle's average body weight, find this 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 FLYCONE MINERAL MIX TO BE MIXED PER TON OF FINISHED FEED**

	4	5	6	7	8	9	10	15	20	25	30
	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs
400	14	25	21	18	16	14	13	9	7	5	5
500	40	32	27	23	20	18	16	11	8	7	5
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	65	53	45	40	35	32	21	16	13	11
1100	86	69	58	50	43	37	35	23	18	14	12
1200	91	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	19
1800	141	113	94	81	71	63	57	38	29	23	20
1900	149	119	99	85	75	66	61	40	30	24	20
2000	157	125	105	90	79	70	63	42	32	25	21

ZIP FLYGONE MINERAL MIX

General Classification

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

No precautions or handling restrictions are required.

FICES (weaners to market weight): Mix 10 pounds of ZIP Flygone Mineral Mix per ton of meal type feed and offer free choice. This is equivalent to 32.7 pp. of Babo<sup>®</sup> per pound of feed.

SOWS, BOARS AND BREEDING STALLIONS: Mix 20 pounds of ZIP Flygone Mineral Mix per ton of meal type feed and offer 4-6 lbs. of feed per animal per day. This is equivalent to 65.4 pp. of Babo<sup>®</sup> 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.

MFD. BY

NET WT. 50 LBS.

ZIP FEED MILLS, INC.  
Sioux Falls, S. D., 57117

310 / 87542  
18 / 2

DRP  
1/20/83

42 + 583

Mr. Jean Radabaugh  
Sip Feed Mills, Inc.  
P.O. Box 500  
304 East 5th Street  
Sioux Falls, SD 57117

Dear Mr. Radabaugh:

Subject: Amendment - All swine use  
Sip Flygone Animal Mix  
EPA Registration No. 7703-5  
Your Application Dated January 4, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. In the top panel claims, change "and swine" to "and house flies in the manure of treated swine."
  - b. Revise the Storage and Disposal text per the enclosure.
  - c. Relocate "FOR CATTLE" from after Directions for Use to directly above "Allow free choice to cattle."
  - d. Delete the heading "Directions for Use for Swine," the classification statement, and the Federal misuse statement. Instead, place "For Swine" over "No pre-slaughter withholding period is required."
  - e. Delete "for 15 minutes" from the "If in eyes" advice.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (2S-767)

Enclosure

DIG: G.LaRocca:DCR-39900:WAG-21100:op:Raven:479-2013:1/19/83  
REVISED:G.LaRocca:DCR-39900:WAG-21100:op:Raven:479-2013:1/24/83

BEST DOCUMENT AVAILABLE