

FEB 14 1990

Mr. Wayne G. Bongarden  
Vigortone AG Products, Inc.  
5264 Council Street, N. E.  
Cedar Rapids, IA 52402

Dear Mr. Bongarden:

Subject: Amendment - Change in Feed Ingredients  
Vigortone Bovotone FC "008" with R.O.L.  
EPA Registration No. 2011-7  
Vigortone Bovotone FC "007" MG with R.O.L.  
EPA Registration No. 2011-6  
Vigortone Bovotone FC "007" with R.O.L.  
EPA Registration No. 2011-5  
Your Application Dated June 7, 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

(Please note: The labels were also reviewed according to the Tetrachlorvinphos Registration Standard).

1. Under Environmental Hazards change "This product is toxic...." to "This pesticide is toxic...."
2. You may delete the use limitations regarding manure droppings since the Agency has determined that this is not an enforceable/practical statement on pesticide labels.
3. Delete "General Classifications" under Directions For Use. Products are no longer classified for general use.

Sincerely,

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

CONCURRENCES							
SYMBOL							
SURNAME	Enclosure						
DATE							

NET WEIGHT 50 LBS (22.68 KG)

# VIGORTONE BOVOTONE FC "007"MG

With Rabon<sup>®</sup> Oral Larvicide

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

**ACTIVE INGREDIENT:** BY WEIGHT  
 TETRACHLORVINPHOS: 2-chloro-1-(2, 4, 5-trichlorophenyl) vinyl dimethyl phosphate ..... 1.00%\*  
**INERT INGREDIENTS** ..... 99.00%\*\*  
 TOTAL ..... 100.00%

\*RABON<sup>®</sup> Insecticide - Contains 4.5 grams of RABON per pound.  
 \*\*Refers only to ingredients which are not larvicidal.

EPA REG. NO. 2011-6

### FEED INGREDIENTS

Dicalcium Phosphate, Monocalcium Phosphate, Calcium Carbonate, Salt, Magnesium Oxide, Potassium Sulfate, Magnesium Sulfate, Magnesium Polysaccharide Complex, Molasses Products, Corn Distillers Dried Grains with Solubles, Yeast Culture, Vitamin A Acetate, Vitamin D<sub>3</sub> Supplement, Vitamin E Supplement, Cobalt Carbonate, Copper Oxide, Calcium Iodate, Ferrous Carbonate, Manganous Oxide, Sodium Selenite, Zinc Oxide, Iron Oxide, Natural Flavors, Saccharin Sodium, Amylase, Protease, Natural and Artificial Flavors, Mineral Oil

### GUARANTEED ANALYSIS

Calcium (Ca), maximum	13.20%
Calcium (Ca), minimum	11.00%
Phosphorus (P), minimum	6.00%
Salt (NaCl), maximum	17.40%
Salt (NaCl), minimum	14.60%
Magnesium (Mg), minimum	10.00%
Iodine (I), minimum	0.007%
Selenium (Se), minimum	0.00264%
Vitamin A, minimum	IU per lb 300,000
Vitamin D <sub>3</sub> , minimum	IU per lb 30,000
Vitamin E, minimum	IU per lb 100

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**PRECAUTIONARY STATEMENTS  
HAZARDOUS TO HUMANS  
CAUTION**

Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks when mixing and handling. 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, see a physician.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water when disposing of equipment wash waters.  
 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.  
**Container Disposal:** Completely empty bag. 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.  
**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

— Manufactured by —  
**VIGORTONE<sup>®</sup> AG PRODUCTS, INC.**  
 General Offices  
 Cedar Rapids, IA 52406

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

2011-6

**DIRECTIONS FOR USE: GENERAL CLASSIFICATION**  
 It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### FREE CHOICE USE

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 Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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 Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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 Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide early in the spring before flies begin to appear, and continue feeding throughout the summer and into the fall.

Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide may be fed up to slaughter and to lactating dairy cows.

Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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 silage on the premises.

In order to achieve optimum fly control Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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 Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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 Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide to be mixed into your ration. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if Vigortone Bovotone FC "007"MG with Rabon Oral Larvicide 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)

	LBS	4	5	6	7	8	9	10	15	20	25	30	
AVERAGE WEIGHT OF ANIMALS (Pounds)	400	32	25	21	18	16	14	13	9	7	5	5	POUNDS
	500	40	32	27	23	20	18	16	11	8	7	6	OF
	600	47	38	32	27	24	21	19	13	10	8	7	Vigortone
	700	55	44	37	32	28	25	22	15	11	9	8	Bovotone FC
	800	63	50	42	36	32	28	25	16	12	10	9	"007" MG
	900	71	57	47	41	36	32	29	19	14	12	10	With
	1000	79	63	53	45	40	35	32	21	16	13	11	Rabon
	1100	88	69	58	50	43	39	35	23	18	14	12	Oral
	1200	94	75	63	54	47	42	38	25	20	15	13	Larvicide
	1300	102	82	68	59	51	46	41	26	21	17	14	TO BE
	1400	110	88	73	63	55	49	44	30	22	18	15	MIXED
	1500	118	94	79	67	59	53	47	32	24	19	16	PER TON
	1600	125	100	84	72	63	58	50	34	25	20	17	FINISHED
	1700	133	107	89	78	67	60	54	38	27	22	18	FEED
	1800	141	113	94	81	71	63	57	40	29	23	19	
	1900	149	119	99	85	75	68	60	40	30	24	20	
	2000	157	125	105	90	79	70	63	42	32	25	21	