



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
2011-5

Date of Issuance:
SEP 14 1999

NOTICE OF PESTICIDE:
____ Registration
 X Reregistration

Term of Issuance:
Unconditional

Name of Pesticide Product:
Vigortone Bovotone FC
"007" with Rabon Oral
Larvicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Vigortone Ag Products, Inc.
5264 Council St., N.E.
Cedar Rapids, Iowa 52402

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document(s), EPA has reregistered the product listed above. Enclosed is a copy of your label stamped Accepted. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Date:

George LaRocca
Insecticide Branch
Registration Division (7505C)

You must make the following labeling changes:
The Statements of Practical Treatment or First Aid statements must be added to the label and the statements must contain the following statements as per the Acute Toxicity Review.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of water. Get medical attention.

If IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

) **Hazards to Human and Domestic Animals**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet."

Personal Protective Equipment:

This should be presented on the label directly below the Hazards to Humans and Domestic Animals.

The PPE must be presented as follows:

) **Personal Protective Equipment (PPE):**

- "Mixers and Handlers must wear:
- long-sleeved shirt and pants
- shoes and socks
- chemical resistant gloves

User Safety Requirements

The user safety requirements must appear on the label as follows:
"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

User Safety Recommendations

The user safety recommendations must be added to the label (must be placed in a box) and should read as follows:

Uses should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible,

wash thoroughly and change into clean clothing."

Storage and Disposal

The "Storage and Disposal" section should be moved to the "Directions for Use" section, directly following the statement "It is a violation..."

For purposes of clarity and consistency with other labels, the sub-header **General Information** should be placed on the label and include the following information: Vigortone Bovotone FC "007" with Rabon Oral Larvicide may be fed...good management and sanitation practices."

General Precautions and Restrictions

You must add the sub-heading "General Precautions and Restrictions" to the label and include the following information:

"Do not apply this product in a way that will contact workers or other persons, either directly or through drift."

"Only protected handlers may be in the area during application." Other information currently on the label is acceptable such as

"Animals should not be starved...salt in any form"

Directions for Use (Application Instructions)

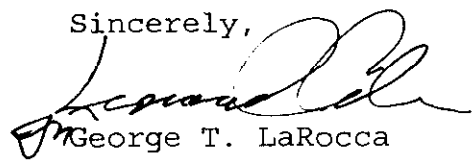
The subheading "Application Instructions" should be added to the label and include the following information:

Free Choice Use: Allow free choice to cattle: Cattle should ...summer and fall.

Mixing Directions for Finished Feeds

Enclosed is a copy of your label stamped "Accepted with Comments". Please submit two (2) copies of your final printed labeling before releasing your product for shipment. Please refer to the A-79 enclosure for further description of final printed labeling. Should you have any questions, you may contact Leonard Cole directly at 703.305.5412.

Sincerely,



George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure

4 8 4

VIGORTONE BOVOTONE FC "007"

With Rabon® Oral Larvicide
For Beef Cattle on Pasture

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

*RABON Insecticide — Contains 4.5 grams of RABON per pound.
**Refers only to ingredients which are not larvicidal.

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FEED INGREDIENTS

Dicalcium Phosphate, Monocalcium Phosphate, Calcium Carbonate, Salt, Potassium Sulfate, Magnesium Sulfate, Molasses Products, Corn Distillers Dried Grains with Solubles, Yeast Culture, Vitamin A Acetate, Vitamin D₃ Supplement, Vitamin E Supplement, Cobalt Carbonate, Copper Sulfate, Calcium Iodate, Ferrous Carbonate, Manganous Oxide, Sodium Selenite, Zinc Oxide, Iron Oxide, Natural and Artificial Flavors, Mineral Oil

GUARANTEED ANALYSIS

Calcium (Ca), minimum	14.20%
Calcium (Ca), maximum	17.00%
Phosphorus (P), minimum	7.00%
Chlorine (Cl), minimum	18.20%
Salt (NaCl), maximum	21.80%
Magnesium (Mg), minimum	0.20%
Potassium (K), minimum	0.40%
Copper (Cu), minimum	1,250 ppm
Selenium (Se), minimum	26.40 ppm
Zinc (Zn), minimum	3,000 ppm
Vitamin A, minimum	300,000 IU per lb
Vitamin D ₃ , minimum	30,000 IU per lb
Vitamin E, minimum	100 IU per lb

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

This product may cause skin sensitization reactions in certain individuals. 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 pesticide is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water when disposing of equipment wash waters.

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.

DIRECTIONS FOR USE:

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" 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" 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" 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" with Rabon Oral Larvicide may be fed up to slaughter and to lactating dairy cows.

Vigortone Bovotone FC "007" 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" 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" 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" 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" 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)

AVERAGE WEIGHT OF ANIMALS (Pounds)	LBS	4	5	6	7	8	9	10	15	20	25	30	POUNDS OF Bovotone FC "007" With Rabon Oral Larvicide
400	32	25	21	18	16	14	13	5	7	5	5		
500	40	32	27	23	20	18	16	11	8	7	8		
600	47	38	32	27	24	21	19	13	10	8	8		
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	38	35	22	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	19		
1900	149	119	99	86	75	66	60	40	30	24	20		
2000	157	125	105	90	79	70	63	42	32	25	21		

— Manufactured by —
VIGORTONE® AG PRODUCTS, INC. the Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA

Rev. 4/99

General Offices
Cedar Rapids, IA 52406

Net Weight 50 lb (22.68 kg) 2011-5

RECEIVED
with COMMENTS
Letter Dated
SEP 14 1999