



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

2724-841

Date of Issuance:

NOV 10 2014

Term of Issuance:

Unconditional

Name of Pesticide Product:

RF2222 CCB

NOTICE OF PESTICIDE:

- Registration
- Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Wellmark International
1501 East Woodfield Road, Suite 200 West
Schaumburg, IL 60173

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). 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 her 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.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) and is subject to the following terms:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 2724-841."
3. A one year study is required to satisfy the Storage and Stability and Corrosion Characteristics requirements. (Guidelines: OCSPP 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.
4. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label and an A-79 Enclosure are enclosed for your records.

Signature of Approving Official:

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)

Date:

11-10-14

2/5

ACCEPTED

NOV 10 2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. **2724-841**

[] indicates optional statements

RF2222 CCB

For custom blending only into cattle rations

To prevent the emergence of horn flies from the manure of treated cattle
To prevent the [development] of [immature] horn flies in the manure of treated cattle
[including breeding and lactating cattle and calves]

ACTIVE INGREDIENT:

(S)-Methoprene (CAS #65733-16-6)..... 2%

OTHER INGREDIENTS:..... 98%

Total 100%

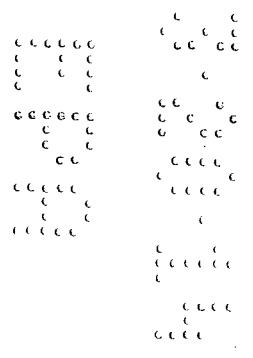
This product contains ethoxyquin as a preservative. When blended into finished feeds at 20 pounds per ton, the resulting feed will be at the 150 ppm maximum limit established for ethoxyquin by FDA and AAFCO.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See [below] back/side panels for additional Precautionary Statements/First Aid

EPA Reg. No. 2724-xxx
EPA Est. No.

Net Weight.
Lot Number:



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear protective eyewear such as safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-347-8272 for emergency medical treatment information.	

[Note: First Aid statement paragraph format may be used if space is limited.]

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

General Information

RF2222 CCB is a premix intended for custom blending into cattle rations to control horn flies which develop in cattle manure. Use **RF2222 CCB** only in cattle.

DIRECTIONS FOR USE

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

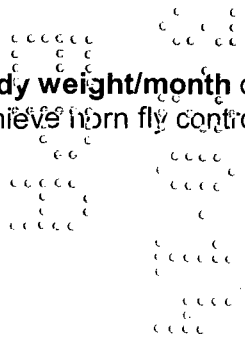
Blending and Feeding RF2222 CCB

RF2222 CCB interrupts the development of the horn fly in the manure of treated cattle [prevents emergence of adult horn flies from the manure of treated cattle]. Begin use [3-4 weeks][30 days] [1 month] prior to horn fly season and continue feeding until cold weather restricts horn fly activity.

RF2222 CCB rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing **RF2222 CCB** may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral or protein supplements.

RF2222 CCB is fed to cattle at the level of **1695 mg of RF2222 CCB/100 lb body weight/month** or the target rate of 34 mg of (S)-Methoprene/100 lbs. of body weight/month to achieve horn fly control. This rate is equal to **56.5mg RF2222 CCB/100 lb body weight/day**.



FOR COMPLETE FEEDS AND SUPPLEMENTS: use the following formula:

$$\frac{\text{Cwt}^*}{4 \times \text{lbs. of ration/head/day}} = \text{lbs. of RF2222 CCB 2\% (S)-Methoprene per ton of feed or supplement}$$

*Cwt = 100 lbs. of body weight; i.e., 1,300 lbs. is 13 cwt

Example:

$$\frac{13 \text{ Cwt}}{4 \times 30 \text{ lbs. of ration/head/day}} = .11 \text{ lbs. of RF2222 CCB 2\% (S)-Methoprene per ton of feed or supplement}$$

FOR MINERAL MIXES: loose, blocks, molasses mineral tub, and molasses protein tub, add the following amounts of **RF2222 CCB** [2% (S)-Methoprene] to achieve desired results [horn fly control]:

Daily Feeding Rate	Lbs./Ton
8 oz/head ¹ /day	5
4 oz/head ¹ /day	10
3 oz/head ¹ /day	13
2 oz/head ¹ /day	20
1 oz/250 lbs.	10
1 oz/500 lbs.	20
1 oz/750 lbs.	30

¹The calculations in the chart assume a 1,000 lb. animal as the head weight

These directions provide a target rate of 1.13 mg/100 lbs. of body weight/day of active ingredient.

Important Note to Feed Mill Operators

- After the addition of the liquid components, add the **RF2222 CCB** and blend to homogeneity.

When and How to Use RF2222 CCB

Use **RF2222 CCB** to break the life cycle of the horn fly. When fed to cattle, **RF2222 CCB** passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult horn flies. **RF2222 CCB** does not affect existing adult horn flies.

Start feeding **RF2222 CCB** [3-4 weeks][30 days][1 month] prior to horn fly season [before horn flies normally appear]. Continue feeding [throughout the summer and into the fall] until cold weather restricts horn fly activity.

If significant numbers of adult horn flies are already present when **RF2222 CCB** is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing horn fly burdens, consider the use of adulticide sprays, dusts, back rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without **RF2222 CCB**, eggs hatch and develop in the manure, resulting in a new generation of adult horn flies. These newly emerged horn flies may be carried downwind to a neighboring herd. Area wide horn fly control to include neighboring herds reduces the numbers of migrating horn flies.

RF2222 CCB may be fed up to slaughter and to lactating dairy cows without withholding milk.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then offer for recycling if available or dispose of empty container/liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information, call 1-800-347-8272 or visit our Web site: [URL]

WARRANTY AND CONDITIONS OF SALE:

Seller warrants that this product conforms to the chemical specifications expressed on the label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Wellmark International
1501 East Woodfield Road 200W
Schaumburg IL 60173
Made in USA

