

2724-503

1-7-2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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:

2724-503

Date of Issuance:

1/7/05

Term of Issuance:

Unconditional

Name of Pesticide Product:

RF 2038 CB

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Wellmark International
1501 East Woodfield Rd., Suite 200W
Schaumburg, IL 60173

768461 | B66
MD | 17

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/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.

This registration does not eliminate the need for continual reassessment of the pesticide. If 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 registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1. Make the following modifications to your label before you release your product for shipment:
 - a. Revise the EPA Registration number to read: "EPA REG. No. 2724-503."

Signature of Approving Official

[Signature]
(See second page for signature)

Date:

1/7/05

EPA Form 8570-6

CONCURRENCES

SYMBOL	7511c	7511C					
SURNAME	Duggard	Reilly					
DATE	13 Jan 05	1-6-05					


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2. Submit five (5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

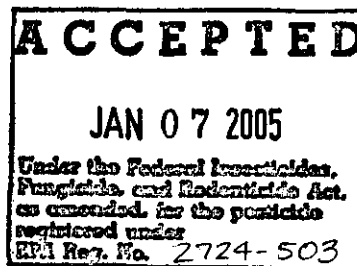
Sincerely,



Janet L. Andersen, Ph.D., Director
Biopesticides and Pollution
Prevention Division (7511C)

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RF2038 CB Jan 2005



[] indicates optional statements

RF2038 CB

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%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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

EPA Reg. No. 2724-XXX

EPA Est. No.

Net Weight.

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

WARNING

Causes substantial but temporary eye irritation. Do not get in eyes or on clothing. Wear protective eyewear such as safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID

If in eyes

- 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

RF2038 CB is a premix intended for custom blending into cattle rations to control horn flies which develop in cattle manure. Use **RF2038 CB** 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 RF2038 CB

RF2038 CB 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.

RF2038 CB rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing **RF2038 CB** 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.

RF2038 CB is fed to cattle at the level of **1695 mg of RF2038 CB/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 RF2038 CB/100 lb body weight/day**.

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FOR COMPLETE FEEDS AND SUPPLEMENTS: use the following formula:

$$\frac{\text{Cwt}^*}{4 \times \text{lbs. of ration/head/day}} = \text{lbs. of RF2038 CB 2\% (S)-Methoprene per ton of feed or supplement}$$

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

Example:

$$\frac{13 \text{ Cwt}}{4 \times 30 \text{ lbs. of ration/head/day}} = .11 \text{ lbs. of RF2038 CB 2\% (S)-Methoprene per ton of feed or supplement}$$

FOR MINERAL MIXES: loose, blocks, molasses mineral tub, and molasses protein tub, add the following amounts of RF2038 CB [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 **RF2038 CB** and blend to homogeneity.

When and How to Use RF2038 CB

Use **RF2038 CB** to break the life cycle of the horn fly. When fed to cattle, **RF2038 CB** 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. **RF2038 CB** does not affect existing adult horn flies.

Start feeding **RF2038 CB** [3-4 weeks][30 days][1 month] prior to horn fly season [before horn flies 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 **RF2038 CB** 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.

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Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without **RF2038 CB**, 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.

RF2038 CB 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:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Triple rinse outer container (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of 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]

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Wellmark International
Schaumburg IL 60173
Made in USA