



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:

2724-505

Date of Issuance:

DEC 27 2005

Term of Issuance:

Unconditional

Name of Pesticide Product:

RF2039 LCP

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

780225 | B67
D3579.13 | 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 product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec.3 (c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec. 4.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 2724-505."
3. Submit two (2) copies of your final printed label for the record, before you release the product for shipment.

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

Signature of Approving Official:

Date:

CONCURRENCES

EPA Form 8570-6	7511C	7511C						
SYMBOL	DUGGARD	only						
SURNAME	2.1.05	12/27/05						
DATE								

2/4

ACCEPTED
DEC 27 2005
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2724-505

RF2039 LCP
AN INSECT GROWTH REGULATOR

To prevent the development of horn flies in the manure of treated beef or dairy cattle
To prevent the emergence of horn flies from the manure of treated cattle including breeding and lactating beef and/or dairy cattle and calves
RF2039 LCP is intended for custom blending into liquid cattle feed supplements
Patent Pending

ACTIVE INGREDIENT:

S-Methoprene (CAS #65733-16-6)..... 1%

OTHER INGREDIENTS: 99%

Total 100%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 2724-XXX
EPA Est. No.

Net Contents:

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

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 disposing of equipment or washwaters.

GENERAL INFORMATION: RF2039 LCP is a feed additive intended for custom blending only into cattle liquid feed supplements composed of AAFCO (Association of American Feed Control Officials)-approved feed ingredients to control horn flies which develop in cattle manure. Include the RF2039 LCP label with shipments of custom liquid cattle feed supplements.

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

Blending and Feeding RF2039 LCP:

RF2039 LCP prevents emergence of adult horn flies from the manure of treated cattle. Begin use 30 days prior to horn fly season, and continue feeding until cold weather restricts horn fly activity.

RF2039 LCP is designed to be formulated into liquid feed supplements for cattle that can be fed free-choice, mixed into a complete ration, or used as a top dressing on total mixed rations (TMR). Liquid feeds containing RF2039 LCP can be fed to beef and dairy cattle including: breeding cattle, lactating cows, and calves.

Use the following formula to determine the amount of RF2039 LCP to be mixed into the liquid feed that will achieve horn fly control. These directions provide a target rate of 1.13 mg/100 lbs of animal body weight per day or 34 mg/100 lbs. of animal body weight per month of active ingredient.

$$\frac{\text{Cwt}^*}{2 \times \text{lbs. of daily consumption}} = \text{lbs. of RF2039 LCP per ton of liquid feed supplement}$$

*Cwt = 100 lbs. of body weight; i.e., 1,000 lbs. is 10 cwt

The following table is provided as a guide in determining the amount of RF2039 LCP to achieve horn fly control assuming a 1,000 lb animal as the head weight:

Daily Consumption Rate Lbs./1,000 lb animal/Day	Inclusion of RF2039 LCP Into Liquid Feed	
	Lbs./Ton	Fluid Ounces/Ton
5	1.0	15.4
2½	2.0	30.7
2	2.5	38.4
1	5.0	76.7
½	10.0	153.5
¼	20.0	307.0

Add RF2039 LCP at the end of mixing the liquid feed formulation and mix for an additional 10 minutes.

When and How to Use RF2039 LCP

Use RF2039 LCP to break the life cycle of the horn fly. When fed to cattle, RF2039 LCP 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 adult horn flies. RF2039 LCP does not affect existing adult horn flies.

Start feeding RF2039 LCP [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 RF2039 LCP 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 RF2039 LCP, eggs hatch and develop in the manure, resulting in a new generation of adult horn flies. These newly emerged horn flies can be carried downwind to a neighboring herd. Area wide horn fly control to include neighboring herds reduces the numbers of migrating horn flies.

RF2039 LCP can 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. (Optional text for >55 gallon mini-tote: Return container to manufacturer for cleaning and recycling.)

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

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent permitted by law, 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