

2724-794

9/24/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

SEP 24 2010

Dear Ms. Huebl:

Subject: Labeling Amendment; Add Feed Mixing Table for Calf Starter/Milk Replacer Feeds  
WMI 0.67% Diflubenzuron Cattle Supplement  
EPA Registration No. 2724-794  
Submission Date: August 12, 2010

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself. If you have any questions regarding this label, please contact Jennifer Urbanski at (703) 347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Regards,

John Hebert  
Product Manager (07)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure- Stamped Label

ACCEPTED  
SEP 24 2010

2010

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

[ ] and ( ) optional language

EPA Reg. No. 2724-794

**WMI 0.67% DIFLUBENZURON CATTLE SUPPLEMENT**

[Prevents the development of Horn flies, Face flies, House flies and Stable flies in the manure of treated cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves).]

[A pesticidally active feed concentrate for cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves) containing (diflubenzuron) (Dimilin®)]

[Insect Growth Regulator (IGR) for continuous feeding during the fly season]

[(Daily) feed concentrate for (beef and dairy) cattle containing (Dimilin®)(diflubenzuron)(brand name) Insect Growth Regulator (IGR) for continuous feeding during the fly season]

[(Fly larvicide)(fly control) (for beef and dairy cattle)]

[(Stops)(prevents)(growth)(development) of Horn fly, Face fly, House fly and Stable fly larvae in manure (of)(from) treated beef and dairy cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves).]

[(Stops)(prevents) development of Horn fly, Face fly, House fly and Stable fly larvae in manure (of)(from) treated beef and dairy cattle]

[(Stops)(prevents) emergence of adult Horn flies, Face flies, House flies and Stable flies from manure (of)(from) treated beef and dairy cattle]

[Contains (diflubenzuron)(Dimilin®)(brand name)(Insect Growth Regulator)(IGR)(chitin synthesis inhibitor)]

[Breaks the (fly)(flies') life cycle]

[Prevents the (formation)(synthesis) of (chitin) fly larvae's exoskeletons (when they molt)(resulting in their death)]

[(Can be used as) part of a (integrated)(total)(complete) fly control (pest management) program]

**ACTIVE INGREDIENT (% by weight):**

Diflubenzuron\* (CAS# 35367-38-5) ..... 0.67%

**OTHER INGREDIENTS [\*\*]** ..... 99.33%

**TOTAL** ..... 100.00%

\*contains 3.04 grams of diflubenzuron per pound.

[\*\* Refers only to ingredients which are not larvicidal. ]

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**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

NET WT: xx lbs. (xx kg.)

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[ ] and ( ) optional language

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Causes moderate eye irritation. Wear protective eyewear. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

<b>FIRST AID</b>	
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<p>Emergency Assistance: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  Wellmark International EMERGENCY PHONE: XXX-XXX-XXXX</p>	

**PERSONAL PROTECTIVE EQUIPMENT:** Mixers and other handlers must wear long-sleeved shirt and pants, shoes plus socks, and chemical resistant gloves (nitrile rubber, barrier laminate, neoprene rubber or viton). 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic aquatic invertebrates. Do not contaminate water when disposing of equipment washwaters.

**USE INFORMATION**

[(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] is intended for blending into (beef and dairy) cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves) rations to control horn flies, face flies, house flies and stable flies, which develop in cattle manure. This product prevents emergence of adult flies from the manure of the treated cattle. Use [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] only in (beef and dairy) cattle supplements.

Use [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] as part of a(n) [integrated][pest][fly][control][management] program aimed at reducing fly populations in the cattle's environment. Consult your [veterinarian][or][retailer] for program recommendations. In order to achieve optimum fly control, use [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] in conjunction with [other][Farnam][brand name] premise and on-animal products as well as good management and sanitation practices.

**DIRECTIONS FOR USE**

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

[ ] and ( ) optional language

[(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] contains [(Dimilin®)(diflubenzuron)], [an][insect growth regulator][IGR] which prevents the development of horn flies, face flies, house flies, and stable flies in the manure of treated beef and dairy cattle, but is not effective against existing adult flies. Start feeding [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] early in the spring [(3-4 weeks)(30 days)(1 month)] before flies begin to appear, and continue feeding throughout the summer and into the fall until cold weather (restricts)(stops)(ends) fly activity. In some cases, supplemental fly control measures may be needed in and around pastures, barns, and feedlots to control adult house and stable flies which can breed in other decaying [(organic)(vegetable)] matter or silage in the area, or that migrate in from other locations.

The dosage of [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] is proportional to the animal's body weight. The recommended feeding rate of [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] is [0.72 oz (0.04 lb) per 100 lbs of body weight per month (30 days)][(0.10 mg diflubenzuron/kg of body weight) (4.54 mg diflubenzuron/100 lbs. of body weight)] per day]. The product can be fed by any of the following methods.

**MIXED WITH FREE-CHOICE MINERALS**

Mix [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] with free-choice-fed minerals to produce a [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] and mineral mixture as shown in the table below<sup>1</sup>.

**4 OZ. PER DAY FEEDING RATE**

<b>WMI 0.67% Diflubenzuron Cattle Supplement</b>	13 lbs	6.10%
<b>Free-Choice Minerals</b>	200 lbs	93.90%
<b>Total</b>	213 lbs	100.00%

**2 OZ. PER DAY FEEDING RATE**

<b>WMI 0.67% Diflubenzuron Cattle Supplement</b>	13.5 lbs	11.89%
<b>Free-Choice Minerals</b>	100.0 lbs	88.11%
<b>Total</b>	113.5 lbs	100.00%

1. These calculations are based on a 1,000 pound animal.

Place the [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] + mineral mixture in feeders close to water sources and/or resting areas. Use one feeder for each 15 to 20 head. Fill the feeders with no more than a 5 to 7 day supply of the mixture at one time, and protect the mixture from rain.

[ ] and ( ) optional language

**MIXED-RATION FEEDING**

Use the table below as a guide for mixing [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] with grain or a feed supplement.

Body Weight (lbs.)	Feed Intake as a % body wt.	Feed Intake (lbs. /head /day)	WMI 0.67% Diflubenzuron Cattle Supplement [(oz./ton)] [(lbs./ton)]	
100-200	See table below: "For Formulating Calf Starters (and Milk Replacers)			
250	1.50%	3.75	[31.9]	[2.0]
500	1.50%	7.50	[31.9]	[2.0]
750	1.50%	11.25	[31.9]	[2.0]
1000	1.50%	15.00	[31.9]	[2.0]
1500	1.50%	22.50	[31.9]	[2.0]
250	2.00%	5.00	[23.9]	[1.5]
500	2.00%	10.00	[23.9]	[1.5]
750	2.00%	15.00	[23.9]	[1.5]
1000	2.00%	20.00	[23.9]	[1.5]
1250	2.00%	25.00	[23.9]	[1.5]
250	2.50%	6.25	[19.1]	[1.2]
500	2.50%	12.50	[19.1]	[1.2]
750	2.50%	18.75	[19.1]	[1.2]
1000	2.50%	25.00	[19.1]	[1.2]
1500	2.50%	37.50	[19.1]	[1.2]
250	3.00%	7.50	[15.9]	[1.0]
500	3.00%	15.00	[15.9]	[1.0]
750	3.00%	22.50	[15.9]	[1.0]
1000	3.00%	30.00	[15.9]	[1.0]
1250	3.00%	37.50	[15.9]	[1.0]

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[ ] and ( ) optional language

$$\frac{\text{Inclusion of WMI 0.67\% Diflubenzuron Cattle Supplement (lbs/ton)}}{\frac{\text{Body Weight}}{100}} = \text{Average Daily Feed Intake (lb)} \times 3$$

Thoroughly mix [(WMI 0.67% Diflubenzuron Cattle Supplement)(brand name)(this product)] with grain or a feed supplement. The mixing and feeding rates in the above table will provide the recommended daily intake of [(0.10 mg diflubenzuron/kg of body weight)(4.54 mg diflubenzuron/100 lbs. of body weight)] per day.

**FOR FORMULATING CALF STARTERS (AND MILK REPLACERS)**

For formulating calf starters and milk replacers to be fed to calves weighing between 100 and 200 pounds, use the following table:

CALF WEIGHT	FEED INTAKE lb/head/day	INCLUSION RATE	
		lb of (Brand name)/ton	g of Diflubenzuron/ton
100 – 150 lbs	1.0 – 1.49	4.5	13.6
100 – 180 lbs	1.5 – 1.99	3.6	10.9
100 – 200 lbs	≥2.0	3.0	9.1

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Store in a cool, dry place. Do not contaminate with pesticides or fertilizer.  
**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 bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Offer for recycling if available, then dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. To the extent consistent with applicable law, Seller makes no other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which claim is made.

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 [URL]