

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



OCT 18 2011

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

Dear Ms. Huebl:

Subject: Amendment to clarify feeding directions equation to read "Average daily feed intake"  
WMI 0.04% Diflubenzuron Cattle Supplement  
EPA Registration No. 2724-795  
Your Submission Dated: July 27, 2011

The labeling referred to above submitted in connection with the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable.

A stamped copy of the labeling is enclosed for your records. Please submit one final printed copy of the labeling before releasing the product for shipment. If you have any questions regarding this label, please contact Autumn Metzger at (703) 305-5314 or metzger.autumn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John Hebert", written over a large, stylized loop.

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

[ ] and ( ) denote optional language

### WMI 0.04% DIFLUBENZURON CATTLE SUPPLEMENT

Alternate brand name: ClariFly® Larvicide 0.04%  
A nutritional supplement containing Diflubenzuron\* Insect Growth Regulator for continuous feeding to cattle through the fly season

A nutritional premix containing (Brand Name) (brand of) Diflubenzuron(\*) Insect Growth Regulator for inclusion in (beef)(and)(dairy)(cattle)(cow)(and)(heifer)(total mixed rations)(TMR's)(rations) that prevents emergence of horn flies, face flies, house flies and stable flies from manure of treated cattle.

**ACTIVE INGREDIENT:**

Diflubenzuron\* (CAS #35367-38-5) ..... 0.04%

**OTHER INGREDIENTS:** ..... 99.96%

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

\*Contains 1,816 mg of diflubenzuron/lb

[\*As the Insect Growth Regulator Dimilin®†]

**FEED INGREDIENTS\*\***

Molasses products; Forage products; Grain products; Plant Protein products; Processed Grain by-products; Roughage products; Mineral products; Vitamins; Food Additives Permitted in Animal Feed/Drinking Water; GRAS ingredients; Non-Protein Nitrogen (Urea); Fats/Oils; Animal products; Animal Protein products\*\*\*; Chemical preservatives; Amino Acids and related products; Brewers products; Fermentation products; Distillers products; enzymes; Citrus products; Marine products; Milk products; Oilseed products; Special Purpose products

\*\*AAFCO approved feed ingredients may vary depending upon nutritional requirements in different geographical regions of the country

[\*\*\*Contains no prohibited animal by-product in accordance with FDA regulation 21 CFR 589.2000]  
[Free from restricted ruminant protein products per Title 21, CFR 589.2000]  
[Does not contain any prohibited materials. Does not contain any animal protein]  
[This product was manufactured in a facility that does not handle or store animal protein products prohibited in ruminant feed as described in 21 CFR section 589.2000]  
[This supplement must be used only in accordance with the directions on the label.][Use as directed]  
[This product contains supplemental selenium. Intake of supplemental selenium must not exceed X% on a dry basis][Follow label directions(s)]  
[Feeding added selenium at levels in excess of XX ppm in the total diet is prohibited.]

[†Diflubenzuron manufactured by Chemtura Corporation and/or its affiliates]

**GUARANTEED ANALYSIS**  
(Will vary depending on geographic area and regional feeding )

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
See additional Precautionary Statements**

EPA Reg. No. 2724-795  
EPA Est. No.

NET WEIGHT: \_\_\_\_\_ lbs

**ACCEPTED**  
**OCT 18 2011**  
**Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:**

EPA. Reg. No. 2724-795

[ ] and ( ) denote optional language

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

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash clothing before reuse.

**Personal Protective Equipment (PPE):** Applicators and other handlers of this product must wear:

- Long sleeve shirt and long pants
- Chemical Resistant gloves
- Shoes
- Socks

<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 a poison control center or doctor for treatment advice.</li> </ul>
If on Clothing or Skin:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Emergency Assistance: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Wellmark International: 1-800-347-8272	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

**DIRECTIONS FOR USE**

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

**FEEDING AND MANAGEMENT INSTRUCTIONS**

When used as directed, [(WMI 0.04% Diflubenzuron Cattle Supplement)(Brand Name)(this product)] provides sufficient diflubenzuron insect growth regulator to prevent the emergence of adult House flies [*Musca domestica*], Stable flies [*Stomoxys calcitrans*], Horn flies [*Haematobia irritans*], and Face flies [*Musca autumnalis*] from manure of treated cattle. Existing adult flies will not be affected. Start feeding before flies appear and continue use until cold weather marks the end of the fly season. Use [(WMI 0.04% 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)(cow's)] environment. House and stable flies can [(breed)(develop)] in decaying vegetable matter or spilled silage on premises. Good sanitation [practices], [such as cleaning up spilled feed and preventing manure (build-up)(accumulation)] around barns and fences or under feed bunks, will eliminate additional breeding sites for these flies.

[ ] and ( ) denote optional language

**Feeding Directions for Cattle on Pasture**

Allow free choice to cattle. Cattle should consume an average of 0.4 ounces of [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] per 100 lbs. of body weight per day, which is equivalent to 4 ounces per day for a 1,000 pound animal.

1. Assure cattle are not starved for nutrients in [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] by providing them prior to feeding this product.
2. Offer cattle 50 pounds of [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] for every 15 head of cattle.
3. Remove all other self limiting nutritional supplements.
4. Locate [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] where cattle congregate (watering, loafing, shade areas).
5. Replenish [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] on a regular basis as needed.
6. If intake of [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] is below 0.4 ounces per 100 lbs. animal body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle.
7. If intake of [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] is above 0.4 ounces per 100 lbs. animal body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle.
8. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.

**Feeding Directions for Confined (Beef)(and)(Dairy)(Cattle)(Cows)(and)(Heifers)**

Mix (WMI 0.04% Diflubenzuron Cattle Supplement) (BRAND NAME) (this product) with (a TMR) (the ration) to provide 0.1 mg Diflubenzuron/kg of body weight. Use the following equation to determine the exact amount of (WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product) needed per ton of (TMR)(ration).

$$\begin{array}{l} \text{Pounds of (WMI 0.04\%} \\ \text{Diflubenzuron Cattle} \\ \text{Supplement)(BRAND NAME)(this} \\ \text{product) required per ton of (TMR)} \\ \text{(ration)} \end{array} = \frac{\text{Weight (lbs) X 0.5}}{\text{Average Daily Feed Intake (lbs)}}$$

1. Assure (cattle) (cows) (and) (heifers) are provided [(WMI 0.04% Diflubenzuron Cattle Supplement)(BRAND NAME)(this product)] on a daily basis.
2. Introduction of this product after an adult fly infestation is established will require (treatment of cattle with adulticides) (and)(or)(use of insecticidal baits and traps) if elimination of the adult fly population is desired.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store pesticide in original container in a dry place.

**Pesticide Disposal:** Wastes resulting from the use of this pesticide may be disposed of on site or at an approved waste disposal facility.

**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.

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[ ] and ( ) denote optional language

**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. To the extent consistent with applicable law, 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.

For information, call [phone number]

Dimilin® is a registered trademark of Chemtura USA Corporation.

ClariFly is a registered trademark of Wellmark International

Wellmark International  
1501 East Woodfield Road 200W  
Schaumburg, IL 60173  
[URL]  
Made in USA