

Clarifly® 0.67% Premix

LARVICIDE

PREVENTS THE DEVELOPMENT OF HOUSE FLIES, STABLE FLIES, FACE FLIES AND HORN 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)

CAN BE USED AS PART OF AN INTEGRATED PEST MANAGEMENT PROGRAM

CONTAINS DIMILIN®†

SPECIMEN LABEL

ACTIVE INGREDIENTS (% by weight):

Diffubenzuron* (CAS# 35367-38-5)0.67%

OTHER INGREDIENTS:99.33%

Total100.00%

* contains 3.04 grams of diflubenzuron per pound

† Diflubenzuron manufactured by Chemtura Corporation and/or its affiliates

EPA Reg No. 2724-794

EPA Est. Nos. See Container for reference

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

USE INFORMATION

CLARIFLY® LARVICIDE 0.67% PREMIX (CLARIFLY® PREMIX) is intended for blending into cattle (lactating and non-lactating beef and dairy cows, slaughter, stocker and feeder cattle, and calves, including veal calves) rations to control house flies, stable flies, face flies, and horn flies, which develop in cattle manure. This product prevents emergence of adult flies from the manure of the treated cattle. Use **CLARIFLY® PREMIX** only in cattle supplements.

Use this product as part of an integrated pest 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 **CLARIFLY® PREMIX** in conjunction with Starbar® premise and on-animal products as well as good management and sanitation practices.

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.

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. • Call poison control center or doctor for treatment advice.

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

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.

DIRECTIONS FOR USE

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

CLARIFLY® PREMIX contains diflubenzuron, an insect growth regulator, which prevents the development of house flies, stable flies, face flies, and horn flies in the manure of treated beef and dairy cattle, but is not effective against existing adult flies. Start feeding

CLARIFLY® PREMIX early in the spring, 30 days before flies begin to appear, and continue feeding throughout the summer and into the fall until cold weather restricts fly activity. In some cases, supplemental fly control measures may be needed in and around barns and feedlots to control adult house and stable flies which can breed in other decaying, organic matter or silage in the area, or that migrate in from other locations.

The dosage of this product is proportional to the animal's body weight. The required feeding rate of **CLARIFLY® PREMIX** is 0.10 mg diflubenzuron/kg of body weight per day.

MIXED-RATION FEEDING: Use the table below as a guide for mixing **CLARIFLY® PREMIX** with grain or a feed supplement.

Body Weight lbs	Feed Intake as a % body wt.	Feed Intake (lbs/head/day)	CLARIFLY® PREMIX (lbs/ton)
100-200	See table: "For Formulating Calf Starters"		
250	1.50%	3.75	2.0
500	1.50%	7.50	2.0
750	1.50%	11.25	2.0
1000	1.50%	15.00	2.0
1500	1.50%	22.50	2.0
250	2.00%	5.00	1.5
500	2.00%	10.00	1.5
750	2.00%	15.00	1.5
1000	2.00%	20.00	1.5
1250	2.00%	25.00	1.5
250	2.50%	6.25	1.2
500	2.50%	12.50	1.2
750	2.50%	18.75	1.2
1000	2.50%	25.00	1.2
1500	2.50%	37.50	1.2
250	3.00%	7.50	1.0
500	3.00%	15.00	1.0
750	3.00%	22.50	1.0
1000	3.00%	30.00	1.0
1250	3.00%	37.50	1.0

$$\text{Inclusion of CLARIFLY® PREMIX = (lbs/ton)} = \frac{\text{Body weight (lbs)} \times 3}{100} \times \text{Average Daily Feed Intake (lb)}$$

Thoroughly mix **CLARIFLY® PREMIX** with grain or a feed supplement. The mixing and feeding rates in the above table will provide the required daily intake of 0.10 mg diflubenzuron/kg of body weight per day.

FOR FORMULATING CALF STARTERS

For formulating calf starters 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 ClariFly® Premix/ton	g of Diflubenzuron per ton
100 – 150 lbs	1.0 – 1.40	4.5	13.6
100 – 170 lbs	1.5 – 1.70	3.6	10.9
100 – 200 lbs	≥1.8	3.0	9.1

STORAGE AND DISPOSAL

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

PESTICIDE 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag 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 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.

For more information, call 1-800-347-8272 or visit our Web site: www.centralflycontrol.com

IPM

INTEGRATED PEST MANAGEMENT



IMPLEMENT THE OPTIMUM IPM

House flies, stable flies, face flies and horn flies are pervasive and resilient pests. Make the most of your control efforts by incorporating an integrated pest management program (IPM) with **CLARIFLY® LARVICIDE 0.67% PREMIX (CLARIFLY® PREMIX)**. The ideal program will hit flies where they breed, and can help reduce populations to manageable levels.

IPM PROGRAM OVERVIEW

PLANNING

- Assess your operation and find the fly hot spots.
- Establish a plan to minimize pest damage by the most economical means, utilizing various control measures.
- Set an action threshold, a point at which pest populations or environmental conditions indicate that pest control action must be taken.
- Train other employees on the plan.

IMPLEMENTATION

- **SANITATION CONTROL**
 - Keep buildings in good repair and your grounds free of debris where flies can breed.
 - Keep cattle areas as clean and dry as possible. Flies lay their eggs in manure, decaying silage, spilled feed, and soiled bedding.
 - Calf hutches that are clean, well ventilated, and relocated with regularity will address a major breeding area for flies.
 - Keep feed storage areas, bunks, and water troughs in good repair, clean, and as dry as possible.
 - Keep grass and weeds around barns, feeders, hutches, and manure piles cut low. Overgrown areas provide an ideal resting and breeding ground for flies.

- **NON-INSECTICIDAL CONTROLS**

- The Starbar® line or other similar sticky/jug traps can be used for controlling adult flies and are ideal for keeping track of control efforts.
- Traps are good for areas where conventional chemical control is out of the question such as milking parlors and feeding areas.

- **TRADITIONAL CHEMICAL CONTROLS**

- Scatter baits from Starbar® such as QuikStrike® and Golden Malrin® Scatter Baits or other similar scatter baits are a form of chemical control that can be used in rotation to fight fly resistance. Scatter baits can be used in a variety of locations (consult labels) around the operation. However, keep away from animals and children.

- **IGR LARVICIDE CONTROLS**

- Incorporate an IGR Larvicide into all cattle feed

EVALUATION

- Keep track of fly populations with speck cards as well as non-insecticidal jug and sticky traps.
- Document your progress with a concise record of locations, conditions, and action taken.
- Rotate traditional chemical control products to fight fly resistance.

No one aspect of an IPM will eliminate flies.

Incorporation of all these steps into one program is key. ClariFly® Premix is an important component to help control fly populations in a successful IPM program on your operation. **For more information about ClariFly® Larvicide, call 1-800-347-8272 or visit centralflycontrol.com. For more information about Starbar® products visit starbarproducts.com.**

Wellmark International

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