



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 21, 2023

Heather Bjornson-Lam  
Regulatory Consultant for  
Champion USA LLC  
1900 Glades Road 4th Floor, Suite 500  
Boca Raton, FL 33431

Subject: Registration Review Label Mitigation for Diflubenzuron  
Product Name: JustiFly® 0.67% Diflubenzuron Larvicide Premix  
EPA Registration Number: 91586-2  
Decision Numbers: 571888 & 586825

Dear Heather Bjornson-Lam:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Diflubenzuron Final and/or Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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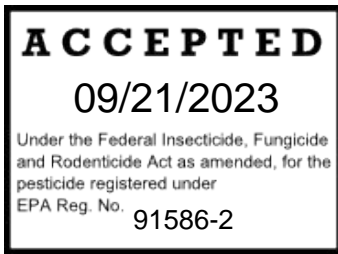
If you have any questions, please contact Mr. Carmen J. Rodia, Jr. via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely,



Tamica L. Cain, Product Manager 10  
Invertebrate-Vertebrate Branch 2  
Registration Division (7505T)

*Enclosure: Stamped "Accepted" Master Label, dated September 21, 2023*



**DIFLUBENZURON    GROUP    15    INSECTICIDE**

{Note to reviewer: Text in [brackets] denotes optional or alternate wording and may or not appear on the end-use label.}  
{Note to reviewer: Text in {braces} is for information purposes and will not appear on the label.}

**{FRONT PANEL LANGUAGE}**

## **JustiFly® 0.67% Diflubenzuron Larvicide Premix**

**AN INSECT GROWTH REGULATOR END-USE PRODUCT FOR CONTROL OF  
HORN FLY, STABLE FLY, HOUSE FLY AND FACE FLY IN THE MANURE OF  
CATTLE AND CALVES**

Prevents the development of horn flies, stable flies, house flies and face 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].

Prevents the development of horn fly, stable fly, house fly and face fly larvae in the manure of treated cattle [lactating and non-lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves, including veal calves].

When mixed in [daily][feed][feed concentrate][mineral supplements] prevents the development and emergence of horn flies, stable flies, house flies and face 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].

Contains diflubenzuron Insect Growth Regulator [IGR]

Breaks the life cycle of the target pests [horn flies, stable flies, house flies, face flies].

May be used in an integrated pest management [fly control] program.

**ACTIVE INGREDIENT**

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

**OTHER INGREDIENTS** 99.33%

Total 100.00%

\*Contains 3.04 g of diflubenzuron/lb of formulated product

**KEEP OUT OF REACH OF CHILDREN**

### **CAUTION**

**SEE [BACK FOR] ADDITIONAL PRECAUTIONARY STATEMENTS**

CHAMPION USA LLC  
1900 Glades Road, 4<sup>th</sup> Floor, Ste. 500  
Boca Raton, FL 33431

NET CONTENTS xx lbs [xx g], xx lbs [xx kg]

EPA Reg No. 91586-2

EPA Est. No. xxxxx-xxx-xxx

Batch Number

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear (if appropriate). Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### 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.

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday 8 am -12 pm PST. NPIC Web site: <http://www.npic.orst.edu/>. After 12 pm PST on weekdays, and weekends, please contact your poison control center at 1-800-222-1222.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**All Mixers and Other Handlers Must Wear:**

- Long-sleeved shirt and long pants;
- Shoes plus socks; and
- Chemical-resistant gloves made of barrier laminate, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, or viton  $\geq$  14 mils.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

## PRODUCT INFORMATION

JustiFly® 0.67% Diflubenzuron Larvicide Premix is intended for blending into cattle rations to prevent the development and emergence of infestations of horn fly, stable fly, house fly and face fly in the manure of treated beef and dairy cattle and calves. When mixed with cattle supplements, diflubenzuron, the active ingredient in JustiFly® 0.67% Diflubenzuron Larvicide Premix, passes through the digestive tract and into the feces in sufficient concentration to kill fly larvae. JustiFly® 0.67% Diflubenzuron Larvicide Premix controls the infestation by inhibiting the development of horn fly, stable fly, house fly and face fly larvae in the manure and feces of treated animals but is not effective against existing adult flies.

This product can be used 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 JustiFly® 0.67% Diflubenzuron Larvicide Premix in conjunction with [other][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.

There is no withdrawal period for JustiFly® 0.67% Diflubenzuron Larvicide Premix. Start feeding JustiFly® 0.67% Diflubenzuron Larvicide Premix before flies begin to emerge and continue use until cold weather marks the end of fly season. In some cases, supplemental fly control measures may be needed in and around pastures, barns, and feedlots to control adult flies which can breed in other decaying matter or silage in the area, or that migrate in from other locations.

### MIXED WITH FREE-CHOICE MINERALS

Mix JustiFly® 0.67% Diflubenzuron Larvicide Premix with free choice minerals to produce mineral mixture as shown in the table below\*. Place the diflubenzuron/mineral mixture in feeders close to either water sources and/or resting areas. Use one feeder for 15 to 20 head of cattle. Fill the feeders with no more than a 5 to 7 day supply of the mixture at one time, and protect from inclement weather.

\*These calculations are based on a 1,000 lb animal

### 4 OZ/DAY FEEDING RATE\*\*

JustiFly® 0.67% Diflubenzuron Larvicide Premix	13.00 lbs	6.10%
Free choice minerals	200.00 lbs	93.90%
Total	213.00 lbs	100.00%

\*\*When the use of free choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 25% sodium chloride content determines a rate of 4 oz/day.

**2 OZ/DAY FEEDING RATE\*\***

JustiFly® 0.67% Diflubenzuron Larvicide Premix	13.50 lbs	11.89%
Free choice minerals	100.00 lbs	88.11%
<b>Total</b>	<b>113.50 lbs</b>	<b>100.00%</b>

\*\*When the use of free choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 50% sodium chloride content determines a rate of 2 oz/day.

**MIXED RATION FEEDING**

Use the formula below to determine the mixing rate of JustiFly® 0.67% Diflubenzuron Larvicide Premix with grain or feed supplement. The mixing and feeding rates of JustiFly® 0.67% Diflubenzuron Larvicide Premix is calculated from the equation and will provide the daily intake not in excess of 0.10 mg diflubenzuron/kg body weight (4.54 mg/100 lbs of body weight per day).

$$\text{Amount of JustiFly® 0.67\% Diflubenzuron Larvicide Premix (lbs/ton)} = \frac{\text{body weight in lbs} \div 100 \times 3.00}{\text{Average daily intake (lbs)}}$$

**CALVES**

For starters to be fed to calves weighing between 100 to 200 lbs, use the following table.

CALF WEIGHT	Feed Intake (lb/head/day)	MIXING RATE	
		Amount of JustiFly® Diflubenzuron Larvicide Premix (lbs/ton)	Diflubenzuron (g/ton)
100 lbs	1.36	2.20	6.69
150 lbs	2.04		
200 lbs	2.72		
100 lbs	1.81	1.66	5.05
150 lbs	2.70		
200 lbs	3.62		

### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

**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 empty bag and box in a sanitary landfill, or by other procedures approved by state and local authorities.

### **WARRANTY**

Champion Fardoquimico Ltda. warrants that this product conforms to the chemical description on the label. Champion Fardoquimico LTDA, neither makes nor authorizes any agent or representative to make any other warranty of fitness of merchantability, guarantee or representation, express or implied, concerning this product. *To the extent consistent with applicable law*, Champion Fardoquimico LTDA's maximum liability for breach of this warranty shall not exceed that purchase price of this product. *To the extent consistent with applicable law*, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product which extend beyond the use of this product under normal conditions in accord with the statements on this label.