



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505T)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

91586-14

Date of Issuance:

5/31/23

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

JustiFly® Larvicide 32

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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 section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

*Continues page 2*

Signature of Approving Official:

*Tamica Cain*  
Tamica Cain, Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505T)

Date:

5/31/23

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 91586-14.”
3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF:

- Basic CSF dated 04/04/2022

If you have any questions, please contact Christopher M. Taylor by phone at 202-566-2928, or via email at [taylor.christopher.m@epa.gov](mailto:taylor.christopher.m@epa.gov).

# JustiFly® Larvicide 32

- For use in Swine and or Cattle Feeds and Supplements
- Provide to Swine including Nursery, Grow-Finish and Breeding Stock to Stop the Development of House flies and other manure breeding flies specifically Dark Eyed Fruit flies (*Drosophila repleta*), Phorid Flies and Drain Flies (*Psycodids*)
- Prevents the Emergence of Stored Product Pests, such as Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle from Treated Feed

**ACTIVE INGREDIENT:**

|                                |               |
|--------------------------------|---------------|
| Diflubenzuron* .....           | 32.00%        |
| <b>OTHER INGREDIENTS</b> ..... | <u>68.00%</u> |
| <b>TOTAL</b> .....             | 100.00%       |

\*contains 5.12 ounces (145.28 grams) of diflubenzuron per pound.

**FEED INGREDIENTS\*\***

Molasses products; Forage products; Grain products; Plant Protein products; Processed Grain byproducts; 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 on nutritional requirements in different geographical areas of the country

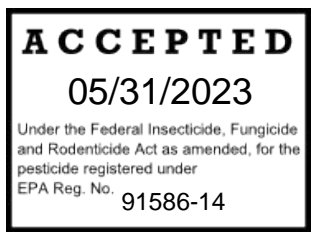
[Free from restricted ruminant protein product per Title 21 CFR 589.2000]  
 [This product was manufactured in a facility that does not handle or store animal protein products prohibited in nutrient feed as described in 21 CFR 589.2000]

**Guaranteed Analysis**  
 (Will vary depending on geographical area and regional feeding)

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

SEE BACK FOR ADDITIONAL PRECAUTIONARY STATEMENTS



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

NET CONTENTS: XX lbs.  
EPA Reg No. 91586-XX

EPA Est. No. XXXXX-XXX-XXX

Batch Number or Lot Number

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

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

### FIRST AID

|                   |                                                                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>If in eyes</b> | 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 eye.<br>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 non-emergency general information on this pesticide product (including health concerns or pesticide incidents), call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)). After 12:00 PM Pacific Time Weekdays and during the weekend, call your poison control center at 1-800-222-1222.

### PERSONAL PROTECTIVE EQUIPMENT

Mixers and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves made of nitrile rubber  $\geq$  14 mils, barrier laminate, 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.

### ENVIRONMENTAL HAZARDS

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

### DIRECTIONS FOR USE

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

When fed to swine according to label directions, **JustiFly® Larvicide 32** prevents the emergence of house flies, and other manure breeding flies, specifically dark eyed fruit flies (*Drosophila repleta*), phorid flies, drain flies (*Psycodids*), non-biting gnats (*Hippelates* spp.) and lesser dung flies (*Sphaerocerids*) from the manure of treated swine. Start feeding this product early in the spring before house flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

This product is not effective against existing adult flies. When starting a feeding program during the house fly season, it is desirable to use other control measures to reduce the population of existing adult flies. In some cases, supplemental fly control measures for the listed flies may be needed in and around swine barns to control adult house flies which can breed not only swine manure, but in decaying vegetable matter or siliage on the premises. In order to achieve optimum control for house flies and other manure breeding flies, use this product in conjunction with other good management and sanitation practices.

At label rates incorporated in feeds for swine and cattle, stored product pests (Indian meal moth, red and confused flour beetles) infesting treated feed will be controlled.

### Swine Mixing Directions

**JustiFly® Larvicide 32** is a specially formulated granular material for use in swine feeds. It is approved for use in supplements, complete feeds, concentrates and premises. It may be used in liquid feeds when suspension agents are used to maximize the positional stability of the other feed ingredients.

The dosage of **JustiFly® Larvicide 32** is proportional to the animal's body weight and must be offered daily throughout the entire house fly season. The following table gives dosage information.

| Swine Feed Mixing Directions - 0.20 mg/kg/day – 0.30 mg/kg/day diflubenzuron                                   |                                                                            |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Use the following formula when mixing swine rations. Use the higher inclusion rate for lighter weight pigs.    |                                                                            |
| For a dosage of 0.20 mg/kg/day:<br>$\left( \frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.125 =$ | lbs of <b>JustiFly® Larvicide 32</b> per ton of product being manufactured |
| For a dosage of 0.30 mg/kg/day:<br>$\left( \frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.187 =$ | lbs of <b>JustiFly® Larvicide 32</b> per ton of product being manufactured |

| Species                                                                                                                                                                                                                             | Daily Feeding Rates of DFB AI |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------|
|                                                                                                                                                                                                                                     | mg/kg                         | mg/cwt       |
| Swine : <b>JustiFly® Larvicide 32</b> may be fed to swine including nursery, grow-finish, and breeding stock (excluding limit fed gestating sows) with no withdrawal period. Use the higher inclusion rate for lighter weight pigs. | 0.20 – 0.30                   | 9.10 – 13.64 |
| Limit Fed Gestating Swine: <b>JustiFly® Larvicide 32</b> may be fed to limit fed gestating sows with no withdrawal period.                                                                                                          | 0.20                          | 4.55         |

**Limit Fed Gestating Swine Feed Mixing Directions - 0.20 mg/kg/day Diflubenzuron**

Use the following formula when mixing gestating swine rations.

For a dosage of 0.20 mg/kg/day:

$$\left( \frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.031 = \text{lbs of JustiFly}^{\text{®}} \text{ Larvicide 32 per ton of product being manufactured}$$

**Cattle Mixing Directions**

**JustiFly® Larvicide 32** is a specially formulated granular material for use in cattle feeds. It is approved for use in supplements, complete feeds, concentrates, premixes, hand feeds, mineral supplements, blocks, and tubs. This product may be fed to beef and dairy cattle, including breeding cattle, lactating dairy cattle, growing and finishing cattle and calves, either in dry lot or on pasture up to slaughter and to lactating dairy cows without withholding milk from market during or after treatment.

The following formula can be used when mixing cattle rations, including complete feeds, liquid feeds, supplements, premixes, supplements for hand feeding and mineral mixes.

The dosage of **JustiFly® Larvicide 32** is proportional to the animal's body weight and must be offered daily throughout the entire fly season. The following table provides the feeding rate for cattle.

**Cattle Feed Mixing Directions: 0.10 mg/kg/day or 4.55 mg/cwt diflubenzuron**

Use the following formula when mixing cattle rations:

$$\frac{\{ \text{CWT} \}}{\text{Consumption (lbs)}} \times 0.0625 = \text{Amount of JustiFly}^{\text{®}} \text{ Larvicide 32 lbs per ton of product being manufactured}$$

**Feed Mixing Directions for Calves Weighing Between 100 and 200 Pounds**

Use the following table when formulating calf starters and milk replacers to be fed to calves weighing between 100 and 200 pounds:

| Calf Weight   | Feed Intake<br>Lb/head/day | INCLUSION RATE                        |                                |
|---------------|----------------------------|---------------------------------------|--------------------------------|
|               |                            | Lb of JustiFly®<br>Larvicide 32 / Ton | Gram of<br>Diflubenzuron / Ton |
| 100 - 150 lbs | 1.0 – 1.4                  | 0.094                                 | 13.6                           |
| 100 – 170 lbs | 1.5 – 1.7                  | 0.075                                 | 10.9                           |
| 100 – 200 lbs | ≥ 1.8                      | 0.0625                                | 9.1                            |

**JustiFly® Larvicide 32** may also be used to formulate other cattle and swine feed through products.

### **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 away from other pesticides, fertilizer, food or feed 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 in a sanitary landfill or by other procedures approved by state and local authorities.

### **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 additional information about this product, call 1-877-726-1778.

JustiFly® is the registered trademark of Champion Fermoquimoco Ltda.

Made in the USA

## Optional Label Claims

- Breaks the House Fly life cycle in swine
- Controls the House Fly in Swine
- Prevents the Emergence of House Flies in Swine
- Prevents the Development of House Fly Larvae in the Manure of Treated Swine
- House Fly larvicide for swine
  
- Contains diflubenzuron a chitin synthesis inhibitor
- Can be used as a part of an integrated pest management program
  
- Solid feed supplement for all classes of (beef) (and) (dairy) cattle (and) (swine)
- Breaks the Stable Fly, Horn Fly, and House Fly life cycle in cattle
- Prevents the Emergence of Stable and Horn Flies in Cattle
- Reduces the Emergence of Adult House Flies in Cattle
- Prevents the Development of Stable and Horn Fly Larvae in the Manure of Treated Cattle
- Reduces the Development of House Fly Larvae in the Manure of Treated Cattle
- A nutritional (protein) (mineral) (vitamin) supplement for cattle during fly season
- A nutritional (protein) (mineral) (vitamin) supplement containing diflubenzuron for continuous feeding to cattle during fly season
- Stable Fly, Horn Fly and House Fly larvicide for cattle
- Controls Stable Fly and Horn Fly developing in the manure of cattle
- Controls Stable and Horn Flies in Cattle