

85905-8

2/26/2015

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 26, 2015

Mr. Iain Weatherston  
Agent for Champion Farmquimico, Ltda.  
c/o J&T Associates, LLC  
4061 North 156<sup>th</sup> Drive  
Goodyear, AZ 85395

Subject: Label Amendment – Addition of Stable and House Flies  
Product Name: 3%-DFBZ FEEDTHROUGH  
EPA Registration Number: 85905-8  
Application Date: October 14, 2014  
Decision Number: 496357

Dear Mr. Weatherston:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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Your release for shipment of the product 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. If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely,



Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Office of Pesticide Programs

Enclosures:

*Amended Master Label Stamped "Accepted," dated February 26, 2015  
Efficacy Review, dated January 26, 2015*

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**ACCEPTED**  
02/26/2015  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 85905-8

# 3%-DFBZ FEEDTHROUGH

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 [feed][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.

[ ] & ( ) = alternate language

## ACTIVE INGREDIENT

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

3.00%

## OTHER INGREDIENTS

97.00%

Total

100.00%

\*Contains 13.62 g of diflubenzuron/lb

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

SEE BACK OF BOX FOR ADDITIONAL PRECAUTIONARY STATEMENTS

CHAMPION FARMOQUIMICO LTDA  
Av. Domicio de Freitas, s/n Lote 12 DAIA  
75132-000 Anapolis, Goias, Brazil

NET CONTENTS 0.66 lbs [300 g], 25 lbs [11.56 kg]

EPA Reg No. 85905-8

EPA Est. No. xxxxx-xxx-xxx

Batch Number

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

### **CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. 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, shoes plus socks, and chemical resistant gloves. Remove and wash contaminated clothing before re-use.

### **FIRST AID**

**Call a poison control center or doctor immediately for treatment advice.**

**If swallowed:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 – 20 minutes.

**If inhaled**

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**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 five minutes, then continue rinsing eye.

#### **HOT LINE NUMBER**

Have product container or label with you when calling a poison control center, doctor or going for treatment. For emergency information concerning this product, call National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6.30 am to 4.40 pm PST (NPIC website: [www.npic.orst.edu](http://www.npic.orst.edu)).

### 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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling the product. Wash 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 contaminate water when disposing of equipment washwater.

### USE INFORMATION

3%-DFBZ Feedthrough is an insect growth regulator used to prevent the development 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 feed or mineral supplements, diflubenzuron, the active ingredient in 3%-DFBZ Feedthrough, passes through the digestive tract and into the feces in sufficient concentration to kill fly larvae. 3%-DFBZ Feedthrough 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.

### 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 3%-DFBZ Feedthrough. Uniformly mix into the feed or mineral supplement. A pre-mixture is recommended to guarantee a uniform dispersion in the final feed product.

A pre-mixture consists of mixing the total amount of 3%-DFBZ Feedthrough to be used, in a small amount of feed or mineral supplement and only then mix this into the rest of the feed or mineral supplement which is to be treated.

#### CATTLE

##### MIXED WITH FREE-CHOICE MINERALS

Mix 3%-DFBZ Feedthrough 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 – 20 head of cattle. Fill the feeders with

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no more than a 5 – 7 day supply of the mixture at one time, and protect from inclement weather.

\*These calculations are based on a 1000 lb animal

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

3%-DFBZ Feedthrough	2.66 lbs	1.31%
Free choice minerals	200.00 lbs	98.69%
<b>Total</b>	<b>202.66 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 25% sodium chloride content determines a rate of 4 oz/day.

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

3%-DFBZ Feedthrough	2.66 lbs	2.59%
Free choice minerals	100.00 lbs	97.41%
<b>Total</b>	<b>102.66 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**

The table below is a guide for mixing 3%-DFBZ Feedthrough with grain or feed supplement. The mixing and feeding rates of 3%-DFBZ Feedthrough in the table below or calculated from the equation 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). Do not feed more 3%-DFBZ Feedthrough (g/head/day) than stated in the table or at a rate of more than 150 mg/100 lb body weight.

BODY WEIGHT (lbs)	FEED INTAKE (as % body wt)	FEED INTAKE (lbs/head/day)	3% -DFBZ Feedthrough		3% -DFBZ Feedthrough (g/head/day)	DIFLUBENZURON (a.i.) (mg/head/day)
			(oz/ton)	(lbs/ton)		
100	1.36	1.36	7.84	0.49	0.15	4.53
150		2.04			0.23	6.81
200		2.72			0.30	9.07
250		3.40			0.38	11.34
500		6.80			0.76	22.69
750		10.20			1.13	34.03
1000		13.60			1.51	45.38
1500		20.40			2.27	68.07
100	1.80	1.81	5.88	0.37	0.15	4.54
150		2.70			0.23	6.80
200		3.60			0.30	9.07
250		4.50			0.38	11.34
500		9.00			0.76	22.67
750		13.50			1.13	33.90
1000		18.00			1.51	45.35
1250		22.50			1.89	56.69
100	2.30	2.30	4.69	0.29	0.15	4.54
150		3.45			0.23	6.81
200		4.60			0.30	9.08
250		5.75			0.38	11.35
500		11.50			0.76	22.70
750		17.25			1.14	34.05
1000		23.00			1.51	45.40
1500		34.50			2.27	68.10
100	2.77	2.77	3.92	0.24	0.15	4.53
150		4.16			0.23	6.79
200		5.54			0.30	9.05
250		6.93			0.38	11.32
500		13.85			0.77	22.63
750		20.78			1.13	33.95
1000		27.70			1.51	45.27
1250		34.63			1.89	56.59

Amount of 3%-DFBZ Feedthrough (lbs/ton) =  $\frac{[(\text{body weight in lbs}) \div 100] \times 0.666}{\text{Average daily intake (lbs)}}$

**STORAGE AND DISPOSAL**

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

- PESTICIDE STORAGE    Store in original container in a cool, dry place.
- 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 incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY**

Champion Fermoquimico Ltda. warrants that this product conforms to the chemical description on the label. Champion Fermoquimico 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 Fermoquimico 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.