



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 30, 2017

Ms. Nancy Huebl
Senior Registration Specialist
Central Garden & Pet Company
1501 East Woodfield Road, Suite 200W
Schaumburg, IL 60173-5417

Subject: Label Amendment – Addition of New Supplemental Label to Add Recently
Approved Uses on Stable Flies and Manure Breeding Flies
Product Name: RF2233 267 DFB Granules
EPA Registration Number: 89459-82
Application Date: October 31, 2016
Decision Number: 523613

Dear Ms. Huebl:

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.

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.

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 email at Rodia.Carmen@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Gebken', with a long horizontal flourish extending to the right.

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

Enclosure: Stamped "Accepted" Master/Supplemental Labels, dated January 30, 2017

[] & () denote optional language

RF2233 267 DFB Granules

Alternate brand name: ClariFly® Larvicide 267

For use in [(cattle), (equine) and (swine)] feeds and supplements as part of an integrated pest management program to control the listed flies developing in manure or developing in spilled treated feed

Provide to cattle [lactating and non-lactating beef and dairy cows, slaughter, stocker, and feeder cattle, and calves include veal calves] to [(stop)(prevent the)] [(development)(emergence)] of these specific flies: **House flies, Stable flies, Face flies, and Horn flies**

Provide to horses [including ponies, burros, and donkeys] to [(stop)(prevent the)] [(development)(emergence)] of these specific flies: **House flies and Stable flies**

Provide to swine [including nursery, grow-finish and breeding stock] to [(stop)(prevent the)] [(development)(emergence)] of these specific flies: **House flies, Stable flies and other manure breeding flies** specifically dark eyed fruit flies (*Drosophila repleta*), phorid flies, drain flies (*Psychodids*), non-biting gnats (*Hippelates* spp.), and lesser dung flies (*Sphaerocerids*)

[(Stops)(Prevents the)] [(development)(emergence)] of stored product pests, such as (Indian meal moth)(red flour beetle)(confused flour beetle) from treated feed

(Daily) feed concentrate [for (cattle) (horses) (swine)] containing [(diflubenzuron) (Insect Growth Regulator) (IGR) (a larvicide)] for continuous feeding during the listed fly season

[(Larvicide for) (Control of)] listed (fly/flyes) for [(cattle)(horses)(and)(swine)]

Contains [(diflubenzuron)(Insect Growth Regulator)(IGR)(chitin synthesis inhibitor)(a larvicide)] [for continuous feeding during the listed fly season]

Breaks the life cycle(s) of the listed [(fly)(flies)]

Prevents the [(formation)(synthesis)] of (chitin in) exoskeletons (when they molt)(resulting in their death)

(Can be used as) part of [(an integrated)][(fly) (pest)] management program

ACTIVE INGREDIENT:

Diflubenzuron [CAS# 35367-38-5] 2.67%

OTHER INGREDIENTS: 97.33%

Total 100.00%

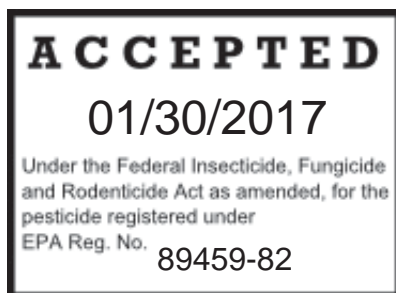
Contains 0.42 ounces (12.12 grams) of diflubenzuron per pound.

KEEP OUT OF REACH OF CHILDREN CAUTION

See [side][back] panel(s) for additional Precautionary Statements

Net Weight: _____ lbs

EPA Reg. No. 89459-82
EPA Est. No.



Lot Number:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID	
If Swallowed	<ul style="list-style-type: none">• 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.• Do not give anything by mouth to an unconscious person.
If in Eyes	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product, including health concerns, medical emergencies, or pesticide incidents, you may call 1-800-347-8272, 24 hours per day, 7 days per week .	

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. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

[RF2233 267 DFB Granules inhibits the development of the listed fly larvae in the manure of treated [(cattle)(horses)(swine)].

[When fed to cattle according to label directions, [(RF2233 267 DFB Granules)(This product)(Diflubenzuron)] prevents the emergence of [house flies] [horn flies] [stable flies] [face flies] from the manure of treated cattle [lactating and non-lactating beef and dairy cows, slaughter, stocker, and feeder cattle, and calves including veal calves]].

[When fed to horses according to label directions, [(RF2233 267 DFB Granules)(This product)(Diflubenzuron)] prevents the emergence of [house flies] [stable flies] from the manure of treated horses]

[When fed to swine according to label directions, [(RF2233 267 DFB Granules)(This product)(Diflubenzuron)] prevents the emergence of [house flies] [stable flies] [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 [(RF2233 267 DFB Granules)(This product)] early in the spring before the listed 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 listed 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 [cattle] [horses] [swine] [(lots)(buildings)(stalls)(barns)(paddocks)(facilities)(sheds)(houses)] to control adult house flies and stable flies, which can breed not only in [swine][cattle][horse] manure, but in decaying vegetable matter or silage on the premises. In order to achieve optimum control for the listed flies, use [(Brand Name)(this product)] in conjunction with other good management and sanitation practices.

The dosage of [(Brand Name)(this product)] is proportional to the animal's body weight and must be offered daily throughout the entire listed fly season. The following table [(gives dosage information)(provides the feeding rate)] for all approved species.

Species	Daily Feeding Rate of DFB AI	
	mg/kg	mg/cwt
Cattle - [(Brand name)(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.	0.10	4.55
Horses - [(Brand name)(This product)] may be fed to horses including ponies, burros, and donkeys.	0.15	6.82
Swine - [(Brand name)(This product)] may be fed to swine including nursery, grow-finish, and breeding stock with no withdrawal period. Use the higher inclusion rate for lighter weight pigs.	0.20 - 0.30	9.10 – 13.64

[(Brand Name)(This product)] is a specially formulated granular material for use in [(cattle)(horse)(and)(swine)] feeds. It is approved for use in [(supplements)(complete feeds)(concentrates)(premixes)(hand feeds)(mineral supplements)(blocks)(tubs)]. It may also be used in [(liquid feeds)(dry milk replacer)] when suspension agents are used to maximize the positional stability of the other feed ingredients.

(Cattle) Feed Mixing Directions - 0.10 mg/kg/day	
Use the following formula when mixing cattle rations, including complete feeds, liquid feeds, supplements, premixes, supplements for hand feeding and mineral mixes.	
$\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.75 = \text{lbs of [(RF2233 267 DFB Granules) (Brand Name)] per Ton of product being manufactured}$	

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:			
		INCLUSION RATE	
CALF WEIGHT	FEED INTAKE lb/head/day	Lb of (Brand Name)/ton	G of Diflubenzuron/ton
50 – 99 lbs	1.0 – 1.4	0.750	9.1
100 – 150 lbs	1.0 – 1.4	1.125	13.6
100 – 170 lbs	1.5 – 1.7	0.900	10.9
100 – 200 lbs	≥ 1.8	0.750	9.1

MIXED WITH FREE-CHOICE MINERALS

Mix [(Brand Name)(this product)] with free-choice-fed minerals to produce a mineral mixture as shown in the table below¹.

4 OZ. PER DAY FEEDING RATE

[(Brand Name)(This product)]	3.1	lbs	1.53%
Free-Choice Minerals	200	lbs	98.47%
Total	203.1	lbs	100.00%

2 OZ. PER DAY FEEDING RATE

[(Brand Name)(This product)]	3.1	lbs	3.01%
Free-Choice Minerals	100.0	lbs	96.99%
Total	103.1	lbs	100.00%

¹These calculations are based on a 1,000 pound animal.

Place the [(Brand Name)(this product)] + mineral mixture in feeders close to water sources and/or resting areas. Use one feeder for each 15 to 20 head. Fill the feeders with no more than a 5 to 7 day supply of the mixture at one time, and protect the mixture from rain.

MIXED-RATION FEEDING

Use the table below as a guide for mixing [(Brand Name)(this product)] with grain or a feed. Thoroughly mix the total amount of [(Brand Name)(this product)] with a small amount of grain or feed. Then mix the resulting pre-mixture with the rest of the grain or feed. The mixing and feeding rates in the table will provide the required daily intake of [(0.10 mg diflubenzuron/kg of body weight)(4.54 mg diflubenzuron/100 lbs. of body weight)] per day.

Body Weight (lbs.)	Feed Intake as a % body wt.	Feed Intake (lbs. /head /day)	[(Brand Name)(This product)] [(oz./ton)] [(lbs./ton)]	
100-200	See table below: “For Formulating Calf Starters (and Milk Replacers)”			
250	1.50%	3.75	[8.0]	[0.5]
500	1.50%	7.50	[8.0]	[0.5]
750	1.50%	11.25	[8.0]	[0.5]
1000	1.50%	15.00	[8.0]	[0.5]
1500	1.50%	22.50	[8.0]	[0.5]
250	2.00%	5.00	[6.0]	[0.375]
500	2.00%	10.00	[6.0]	[0.375]
750	2.00%	15.00	[6.0]	[0.375]
1000	2.00%	20.00	[6.0]	[0.375]
1250	2.00%	25.00	[6.0]	[0.375]
250	2.50%	6.25	[4.8]	[0.3]
500	2.50%	12.50	[4.8]	[0.3]
750	2.50%	18.75	[4.8]	[0.3]
1000	2.50%	25.00	[4.8]	[0.3]
1500	2.50%	37.50	[4.8]	[0.3]
250	3.00%	7.50	[4.0]	[0.25]
500	3.00%	15.00	[4.0]	[0.25]
750	3.00%	22.50	[4.0]	[0.25]
1000	3.00%	30.00	[4.0]	[0.25]
1250	3.00%	37.50	[4.0]	[0.25]

(Horse) Feed Mixing Directions - 0.15 mg/kg/day	
Use the following formula when mixing horse rations, including complete feeds, tubs and blocks.	
$\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 1.125 = \text{Ton of product being manufactured}$	

(Swine) Feed Mixing Directions - 0.20 mg/kg/day – 0.30 mg/kg/day	
Use the following formula when mixing swine rations. Use the higher inclusion rate for lighter weight pigs.	
<p>For a dosage of 0.20 mg/kg/day:</p> $\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 1.5 = \frac{\text{lbs of [(RF2233 267 DFB Granules)(Brand Name)]}}{\text{Ton of product being manufactured}}$ <p>For a dosage of 0.30 mg/kg/day:</p> $\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 2.25 = \frac{\text{lbs of [(RF2233 267 DFB Granules)(Brand Name)]}}{\text{Ton of product being manufactured}}$	

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

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 pesticide 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 into mixing equipment. Offer for recycling if available, then dispose of empty bag in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Central Garden & Pet Company. All such risks shall be assumed by the users or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Central Garden & Pet Company makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Central Garden & Pet Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Central Garden & Pet Company disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries, or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Central Garden & Pet Company's election, the replacement of product.

For information or in case of emergency, contact 1-800-347-8272.

Central Garden & Pet Company
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173
www.centraflycontrol.com

Made in USA

RE2233 267 DFB GRANULES

This supplemental label expires on January 30, 2020 and must not be used or distributed after this date.

Supplemental Labeling

PROVIDE TO SWINE, INCLUDING NURSERY, GROW-FINISH AND BREEDING STOCK, TO PREVENT THE EMERGENCE OF THESE SPECIFIC FLIES: STABLE 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*)

STOPS THE DEVELOPMENT OF STORED PRODUCT PESTS, SUCH AS INDIAN MEAL MOTHS, RED FLOUR BEETLES, AND CONFUSED FLOUR BEETLES FROM TREATED FEED

EPA Reg. No. 89459-82

DIRECTIONS FOR USE

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

Read the label affixed to the container for **RF2233 267 DFB Granules** before using.

Important

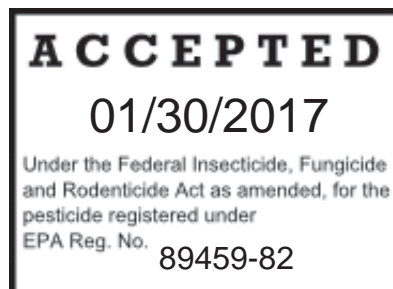
Use of **RF2233 267 DFB Granules** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **RF2233 267 DFB Granules**.

RF2233 267 DFB Granules inhibits the development of the listed fly larvae in the manure of treated swine.

When fed to swine according to label directions, RF2233 267 DFB Granules prevents the emergence of stable 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 RF2233 267 DFB Granules early in the spring before the listed 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 listed 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 stable flies, which can breed not only in swine manure, but in decaying vegetable matter or silage on the premises. In order to achieve optimum control for the listed flies, use this product in conjunction with other good management and sanitation practices.

The dosage of (Brand Name) is proportional to the animal's body weight and must be offered daily throughout the entire listed fly season. The following table gives dosage information.

Species	Daily Feeding Rate of DFB AI	
	mg/kg	mg/cwt
Swine – (Brand name) may be fed to swine including nursery, grow-finish, and breeding stock with no withdrawal period. Use the higher inclusion rate for lighter weight pigs.	0.20 - 0.30	9.10 – 13.64

(Brand Name) is a specially formulated granular material for use in swine feeds. It is approved for use in supplements, complete feeds, concentrates, and premixes. It may also be used in liquid feeds when suspension agents are used to maximize the positional stability of the other feed ingredients.

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

For information or in case of emergency, contact 1-800-347-8272.

This labeling must be in the possession of the user at the time of application.

Registrant:

Central Garden & Pet Company

1501 East Woodfield Road 200W

Schaumburg, Illinois 60173

www.centraflycontrol.com