



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

89459-107

Date of Issuance:

3/28/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

RF2285 WDG

Name and Address of Registrant (include ZIP Code):

Martin Hoagland
 Senior Registration Manager
 Central Garden & Pet C.
 1501 E Woodfield Rd, Suite 200W
 Schaumburg, IL 60173

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.

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 conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

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

Signature of Approving Official:

Elizabeth Fertich, Product Manager 04
 Invertebrate Vertebrate Branch I, Registration Division (7505P)

Date:

3/28/19

2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89459-107.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

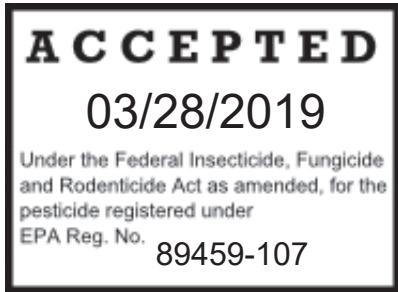
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/17/2018

If you have any questions, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at hull-sanders.helen@epa.gov.

Enclosure



[] Indicates optional text

RF2285 WDG

For Control of House, Dump, Soldier and Stable* Fly Larvae, Crickets and in Cattle Operations, Hog Farms, and Horse Barns

For Control of Litter Beetle Larvae, House, Dump, Soldier and Stable* Fly Larvae, Crickets in Poultry Operations

Prevents the emergence of developing:

House Flies, Stable Flies*, Dump Flies, Soldier Flies, Darkling Beetles (Litter, Hide and Carrion Beetles)

For use in controlling insect pests developing in manure and other breeding sites in:

Cattle Barns, Swine Houses, Horse Barns, Incinerators, Livestock Manure, Livestock Premises, Non-Farm Animal Stalls, Poultry Buildings, Cage-layer houses, Poultry Houses, and Refuse Storage Areas

ACTIVE INGREDIENT:

**Novaluron: (CAS #116714-46-6) 4%

OTHER INGREDIENTS:..... 96%

TOTAL: 100%

**Contains 0.04 lb (18.16 grams) of active ingredient per pound

KEEP OUT OF REACH OF CHILDREN CAUTION

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

EPA Reg. No. 89459-xxx

EPA Est. No.

NET CONTENTS: __ LB(S)

*Granular application only.

FIRST AID

IF IN EYES:	<input type="checkbox"/> Hold eye open and rinse slowly and gently with water for 15-20 minutes. <input type="checkbox"/> Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. <input type="checkbox"/> 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. You may also contact 1-800-347-8272 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine 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. Runoff can be hazardous to aquatic organisms in water adjacent to treated areas. This product is intended for use only in sites listed on this label. Do not apply to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow to contact with an oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Failure to follow Directions for Use and precautions on this label may result in injury, poor fly and litter beetle control, and/or illegal residues.

FOR CRICKET, LITTER BEETLE, HOUSE FLY, DUMP FLY, AND SOLDIER FLY CONTROL

RF2285 WDG is a granular product that may be applied as a granular larvicide or dispersed into water and applied as a liquid spray. The active ingredient is novaluron, an insect growth regulator (IGR) that only affects developing immature stages of insects and prevents molting to adult forms. The elimination of adult insects occurs gradually and becomes visible one to two weeks after application. Insects which are already in the adult stage will not be affected. [RF2285 WDG][This product] is a unique product that was developed for the control of nymphal crickets, litter beetle larvae, house, stable*, dump and soldier fly larvae in manure and other listed insect pest breeding sites. Specific pest targets include house, stable*, dump and soldier fly larvae in cattle operations, hog farms and horse barns where horses are not intended for slaughter or food; and control of litter beetle, crickets, house, stable*, dump and soldier fly larvae in poultry operations. Include RF2285 WDG with appropriate sanitary and management practices to reduce the number and size of cricket, litter beetle, house fly, dump fly, stable fly and soldier fly breeding sites.

RF2285 WDG provides control by causing a gradual reduction in the population by interrupting the life cycles of crickets, litter beetles, house flies, dump flies, stable flies* and soldier flies, preventing them from reaching the adult breeding stage. This product may be combined with an adulticide and complements the activity of an adulticide by providing long-term control by preventing immatures from becoming adults.

Application Sites: Apply RF2285 WDG to breeding sites for cricket, litter beetle, house fly, dump fly, stable fly* and soldier fly immatures. Control of house, dump, stable*, and soldier flies and litter beetles is achieved through interruption of the life cycles by preventing immature stages from becoming adults. Apply product as described

*Granular application only.

below to cattle barns, hog farms, horse barns, incinerators, cattle and horse manure, non-farm animal stalls, poultry buildings, cage layer houses, and poultry houses.

Application Methods:

Dry Granular- While wearing gloves, scatter RF2285 WDG directly and evenly over cricket, litter beetle, house fly, dump fly, stable fly and soldier fly breeding sites. Spread by hand or with a mechanized spreader. Do not allow granules to accumulate in piles.

Coarse Spray- While wearing gloves, partially fill tank with water, add RF2285 WDG in the correct amount from the tables below, agitate and fill to final volume with water. Agitate before spraying to ensure mixture is thoroughly dissolved. Do not let mixture stand overnight.

In combination with an adulticide- RF2285 WDG may be combined or tank-mixed and applied as a coarse spray with an EPA registered insecticide for control of adult populations of crickets, litter beetles, house flies, dump flies, and soldier flies where labeled. The combination of an adulticide and [RF2285 WDG][this product] will provide immediate control of adult crickets, house flies, stable flies,* soldier flies, dump flies, and litter beetles, while inhibiting the immature stages of listed pests from developing to adults. The more restrictive label will apply when tank mixing. Use RF2285 WDG only at specified rates.

Application Schedules- More specific instructions are given in the application instructions below for each type of application listed.

Use Restrictions:

Do not apply directly to livestock or livestock feed as illegal residues may result.

Do not feed manure treated with RF2285 WDG to animals.

Do not contaminate feed and water troughs.

Allow for 1 day (24 hours) between last application and slaughter.

Facility treatments of manure can only be made where cattle and hogs do not have access.

For poultry layer production operations, do not contaminate feed or water lines.

When treating a site, do not apply product as a granule followed by a liquid application or vice versa.

Do not spray into the air.

Do not spray when wind conditions could create a mist to blow back to the applicator.

Do not apply this product in or around bodies of water.

Keep children and pets away from treated areas until sprays have dried.

Cattle operations and hog farms

Application as a Coarse Spray			
Pests	Rate	Reapplication ^c	Application instructions
House fly, Soldier fly, Dump fly larvae	¼ to ½ pound (4 to 8 oz) per 1,000 sq ft	No less than 30 days	Prepare a spray solution by dissolving granular product in (Range; 1 to 20) gallons of water and apply as a coarse spray directly and evenly over insect breeding sites. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply in sufficient volume of water (up to 20 gallons per 100 sq ft) to uniformly and thoroughly wet the manure and other target areas; Spray volume will vary depending on the depth of manure being treated.

^cThe treatment interval depends on management and housing systems as well as on climatic conditions.

Apply only to larval breeding sites, do not apply to adult resting sites (walls, ceiling etc.) as this product has no effect on adult flies. If the treatment area is > 0.25 acre for each application, do not exceed 8 applications per year at 1.5 fl oz/1,000 sq ft) and/or do not exceed 4 applications per year at 3 fl oz/1,000 sq ft). If the treatment area is < 0.25 acre (10,890 sq ft), a maximum of 12 applications may be made per year.

*Granular application only.

Application as a Dry Granule			
Pests	Rate	Reapplication	Application instructions
House fly, Stable fly, Soldier fly, Dump fly larvae	½ pound (8 oz) per 1,000 sq ft	Hog farms: No less than 14 days.	Scatter dry granular product directly and evenly over insect breeding sites in premise areas, including around hay bales, barns, feedlots, where flies breed. For best results, apply to wet manure/development sites or water-in granules. Scatter dry granular product 3 days after manure removal, repeat at each manure removal or when fly larvae are found.
Stable fly	1 lb (16 oz) per 1,000 sq ft		

Apply only to larval breeding sites. Apply no more than 185 lbs of RF2285 WDG (7.4 lbs of novaluron) per acre per year.

Horse barns (for horses not intended for slaughter or food)

Application as a Coarse Spray			
Pests	Rate	Reapplication	Application instructions
House fly, Soldier fly, Dump fly larvae	¼ to ½ pound (4 to 8 oz) per 1,000 sq ft	No less than 30 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over insect breeding sites. Spray volume will vary depending on the depth of manure being treated. For best results, use the highest volume of water that can be tolerated in the area being treated.

Apply only to larval breeding sites, do not apply to adult resting sites (walls, ceiling etc.) as this product has no effect on adult flies.

*Granular application only.

Application as a Dry Granule			
Pests	Rate	Reapplication	Application instructions
House fly, Stable fly, Soldier fly, Dump fly larvae	½ pound (8 oz) per 1,000 sq ft	No less than 14 days	Scatter dry granular product directly and evenly over insect breeding sites in premise areas, including around hay bales, barns, feedlots, where flies breed. For best results, water-in granules. For horse barns with horses not intended for slaughter, product can be applied underneath bedding on stall floors after cleaning, and locations where manure, spilled feed, or moisture accumulate.

Apply only to larval breeding sites. Apply no more than 185 lbs of RF2285 WED (7.4 lbs of novaluron) per acre per year.

Broiler Houses

Application as a Coarse Spray			
Pests	Rate	Reapplication ^c	Application instructions
House fly larvae	½ pound (8 oz) per 1,000 sq ft	No less than 14 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over entire manure area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply about one week after manure removal or when fly larvae are found. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.
Litter beetle larvae, Dump fly larvae, Soldier fly larvae	¼ to ½ pound (4 to 8 oz) per 1,000 sq ft	No less than 10 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over manure area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply 4-6 days before bird placement. If beetle populations are high, treat entire house. If populations are low, treat in 3-4 foot bands where feeders, and water lines will be placed. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.

^cThe treatment interval depends on management and housing systems as well as on climatic conditions.

Apply only to larval breeding sites, do not apply to adult resting sites (walls, ceiling etc.) as this product has no effect on adult flies. Apply no more than 185 lbs of RF2285 WED (7.4 lbs of novaluron) per acre per year.

*Granular application only.

Application as a Dry Granule			
Pests	Rate	Reapplication	Application instructions
House fly, Stable fly, Soldier fly, Dump fly larvae, Litter beetle larvae	1 pound (16 oz) per 1000 sq ft	No less than 14 days	Scatter dry granular product directly and evenly over entire manure area one week after manure removal. Repeat treatment after each removal or when beetle and fly larvae are found. For best results, apply to wet manure/development sites or water-in granules. Scatter dry granular 4-6 days before bird placement. If beetle populations are high, treat entire house. If populations are low, treat in 3-4 foot bands where feeders and water lines will be placed. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.

Apply only to larval breeding sites. Apply no more than 370 lbs of RF2285 WDG (14.8 lbs of novaluron) per manure site per year.

Layer Houses

Application as a Coarse Spray			
Pests	Rate	Reapplication ^c	Application instructions
Soldier fly larvae, Dump fly larvae	1 1/8 to 2 1/4 pounds (18 – 36 oz) per 1,000 sq ft	No less than 14 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over entire manure area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply about one week after manure removal or when fly larvae are found. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.
House fly larvae	1/2 pound (8 oz) per 1,000 sq ft	No less than 10 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over manure area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply one week after manure removal.
Litter beetle larvae	1/4 to 1/2 pound (4 oz to 8 oz) per 1,000 sq ft	No less than 10 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over manure area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply 4-6 days before bird placement. If beetle populations are high, treat entire house. If populations are low, treat in 3-4 foot bands where feeders and water lines will be placed. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.

^cLength of time for treatment depends upon management and housing systems as well as on climatic conditions.

Apply only to larval breeding sites, do not apply to adult resting sites (walls, ceiling etc.) as this product has no effect on adult flies or beetles. Apply no more than 370 lbs of RF2285 WDG (14.8 lbs of novaluron) per manure site per year.

*Granular application only.

Application as a Dry Granule			
Pests	Rate	Reapplication ^c	Application instructions
House fly, Stable fly, Soldier fly, Dump fly larvae, Litter beetle larvae	1 pound (16 oz) per 1000 sq ft	No less than 14 days	Scatter dry granular product directly and evenly over entire manure area one week after manure removal. Repeat treatment after each removal or when beetle and fly larvae are found. For best results, apply to wet manure/development sites or water-in granules. Scatter dry granular 4-6 days before bird placement. If beetle populations are high, treat entire house. If populations are low, treat in 3-4 foot bands where feeders and water lines will be placed. To achieve a faster reduction of the adult population, the concurrent use of an EPA registered adulticide is recommended.

^cLength of treatment depends upon management and housing systems as well as on climatic conditions.

Apply only to larval breeding sites. Apply no more than 370 lbs of RF2285 WDG (14.8 lbs of novaluron) per manure site per year.

In and around livestock facilities and other outdoor uses

Pests	Rate	Reapplication	Application instructions
Crickets	½ pound (8 oz) per 1,000 sq ft	14 days	Prepare a spray solution by dissolving granular product in (Range: 1 to 20) gallons of water and apply as a coarse spray directly and evenly over area. For best results, use the highest volume of water that can be tolerated in the area being treated. Apply in a band 2 to 4 feet adjacent to and around the structure and to a height of 2-3 feet on the foundation where pests may be active or may find entrance. Focus spray in wall voids, cracks and crevices and other areas where crickets may harborage. OR Scatter dry granular product directly and evenly over entire area. Apply in a band 2 to 4 feet adjacent to and around the structure where pests may be active or may find entrance. For best results, water-in granules.

Apply only to larval breeding sites, do not apply to adult resting sites (walls, ceiling etc.) as this product has no effect on adults.

*Granular application only.

For all applications, RF2285 WDG is labeled for use in and around livestock facilities, including cattle barns, swine houses, horse barns, livestock manure, non-farm animal stalls, cage-layer houses, poultry houses, as well as commercial buildings, structures, and their immediate surroundings, and on modes of transport, including, non-food/non-feed areas of stores, warehouses, transportation equipment, manufacturing sites, industrial building, trucks and trailers. Based on site treated, applicator should use their best judgment in determining whether to apply product in coarse spray or dry granular application.

STORAGE and DISPOSAL

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

PESTICIDE STORAGE: Store in cool, dry place. Do not store this product under wet conditions. Avoid sunlight and temperature exceeding 95° F (35° C). *Do not store near or use with oxidizing agents.

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. Empty container by tapping sides to apply contents as directed in the Directions for Use. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this Product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Central Garden & Pet Company or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Central Garden & Pet Company and Seller harmless for any claims relating to such factors.

Central Garden & Pet Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Central Garden & Pet Company, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, CENTRAL GARDEN & PET COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall Central Garden & Pet Company or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. To the extent consistent with applicable law, **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CENTRAL GARDEN & PET COMPANY AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CENTRAL GARDEN & PET COMPANY OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Central Garden & Pet Company and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Central Garden & Pet Company.

For information or in an emergency, call 1-800-347-8272 or visit our website: www.starbarproducts.com

*Granular application only.

Manufactured for:
Central Garden & Pet Company
1501 East Woodfield Road 200W
Schaumburg, IL 60173

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