



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 25, 2019

Ron E. Hampton, Ph.D.  
Senior Regulatory Product Manager  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC

Subject: PRIA Label Amendment – Addition of pests and new application methods to the label  
Product Name: Zyrox Fly Granular Bait  
EPA Registration Number: 100-1541  
Application Date: 1/25/2018  
Decision Number: 537946

Dear Dr. Hampton:

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

Page 2 of 2  
EPA Reg. No. 100-1541  
Decision No. 537946

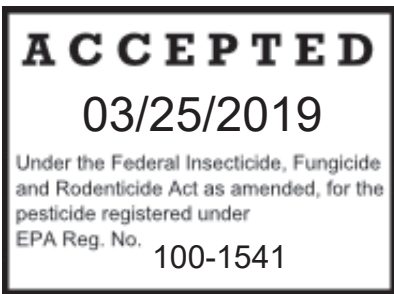
with FIFRA section 6. If you have any questions, please contact Jacquelyn Herrick by phone at 703-347-0559, or via email at [herrick.jacquelyn@epa.gov](mailto:herrick.jacquelyn@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



[Master Label]

CYANTRANILIPROLE GROUP 28 INSECTICIDE

**ZYROX® FLY GRANULAR BAIT**

**Insecticide**

Granular insect bait for use in and around residential, commercial, institutional, and agricultural structures to control listed fly pests

Active Ingredient:

Cyantraniliprole\*

3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)

carbonyl]phenyl]-1H-pyrazole-5-carboxamide: ..... 0.5%

Other Ingredients: ..... 99.5%

Total: ..... 100.0%

\*Cyantraniliprole belongs to the anthranilic diamide chemical class.

Zyrox Fly Granular Bait is a ready-to-use granular insect bait containing 0.005 lb cyantraniliprole per pound of product.

**KEEP OUT OF REACH OF CHILDREN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 100-1541

EPA Est. No.

Net Contents

[Batch Code: \_\_\_\_\_ ] (For nonrefillables only.)

**FIRST AID**

**HOT LINE NUMBER**

For 24 Hour Medical Emergency Assistance (Human or Animal)  
or Chemical Emergency Assistance (Spill, Leak, Fire or Accident),  
Call  
**1-800-888-8372**

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**PRECAUTIONARY STATEMENTS**

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**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Shirt and long pants.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, 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.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Runoff may be hazardous to aquatic organisms in water adjacent to use sites.

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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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**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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA 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 SYNGENTA.

## DIRECTIONS FOR USE

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

Read and understand the entire label before using this product.

Zyrox Fly Granular Bait must be used in accordance with the directions for use on this label, or exemptions under FIFRA (Special Local Need Registrations, FIFRA Section 18 exemptions, FIFRA 2(ee) Bulletins). Always read the entire label, including the Limitation of Warranty and Liability.

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### PRODUCT INFORMATION

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Zyrox Fly Granular Bait contains the active ingredient cyantraniliprole in a ready-to-use granular bait formulation:

- Controls listed fly pests in and around residential, commercial, institutional and agricultural structures;
- Provides an alternative mode of action for insecticide resistance management;
- Can be an important tool in an integrated pest management program.

### APPLICATION USE SITES

Zyrox Fly Granular Bait may be applied to control/kill house fly, stable fly, dump fly, fruit flies, and dung fly and black-eyed fly in these areas:

- outdoor waste-storage areas around commercial establishments, such as restaurants, taverns, hotels, grocery stores, supermarkets, bakeries, warehouses, and sports complexes;
- outdoor areas of commercial operations, such as canneries; beverage-processing plants; dairy-, meat-, and poultry-processing plants; fruit- and vegetable-processing plants; seafood-processing plants; tanneries; rendering plants; grease-collection stations; kennels; schools; recycling plants; and military installations;
- outdoor areas of agricultural animal-production facilities, such as poultry/broiler houses, swine-production structures, livestock-housing structures, and horse stables.

To kill/control house fly, stable fly, dump fly, fruit flies, and dung fly and black-eyed fly, Zyrox Fly Granular Bait may be used indoors at the sites listed above as a water-diluted application or as a granular application if placed in bait stations suitable for granular baits with the exception of walkways within caged-layer houses or penned-animal facilities where Zyrox Fly Granular Bait may be applied as broadcast scatter bait. Refer to the sections describing **Use in Bait Stations** or **Alternative Application Methods** for specific use instructions.

## USE RESTRICTIONS AND PRECAUTIONS

- **DO NOT** apply as a scatter bait indoors in residential structures, commercial establishments, food- and feed-handling establishments, food-processing plants, restaurants and animal-production facilities. Bait stations or the alternative application methods (see following section) must be used when applying Zyrox Fly Granular Bait inside these buildings/structures, except for walkways within caged-layer houses or penned-animal facilities.
- **DO NOT** apply as a scatter bait in areas accessible to children and pets. When bait stations or the alternative application methods (see following section) are used, place stations, ropes, or cards out of the reach of children and pets.
- **DO NOT** place bait within reach of food-producing animals or animals being grown for food.
- **DO NOT** apply as a scatter bait outdoors when raining.
- **DO NOT** use outdoors as a scatter bait in the Nassau, Suffolk, Kings, and Queens Counties of New York State.
- For outdoor broadcast applications, **DO NOT** apply more than 2 lb per 1,000 sq ft per calendar year (equivalent to 0.01 lb ai per 1,000 sq ft per calendar year or 0.44 lb ai/A per calendar year).

## RESISTANCE MANAGEMENT

CYANTRANILIPROLE	GROUP	28	INSECTICIDE
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Zyrox Fly Granular Bait is a Group 28 Insecticide that contains the active ingredient cyantraniliprole. Due to the inherent risk of the development of resistance to any pesticide, it is strongly advised that Zyrox Fly Granular Bait be used in a sound resistance-management program that includes, but is not limited to:

- Applying Zyrox Fly Granular Bait according to the label-use directions;
- Alternating Zyrox Fly Granular Bait with products with different modes of action;
- Avoiding treatment of successive generations with Zyrox Fly Granular Bait.

For additional information about implementing these or other resistance management practices, consult a local or state Extension specialist or Syngenta representative.

### Food- and Feed-Handling Establishments

(Food- and feed-handling establishments are places other than private residences in which food and feed are held, processed, prepared or served.)

- For indoor areas of residential, institutional, public, agricultural buildings/structures, or food- and feed-handling establishments, Zyrox Fly Granular Bait must be placed in bait stations suitable for granular insect control baits or prepared and applied as a water-diluted product. Indoor use as a scatter bait is permitted only on walkways in caged-layer houses or penned-animal facilities.
- **DO NOT** apply to areas or surfaces where food, feed, food utensils or food-processing surfaces may come into contact and become contaminated.

### **Applications in Non-food and Non-feed Areas**

Zyrox Fly Granular Bait is approved for use to control house flies in residential structures and the non-food and non-feed areas of commercial, industrial, public, agricultural and institutional buildings/structures, including restaurants, warehouses, food- and feed-processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, daycares, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Non-food and non-feed areas of food- and feed-handling establishments include areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after bottling or canning).

Refer to section below for use directions and restrictions when making applications in food/feed handling areas of Food- and Feed-Handling Establishments.

### **Applications in Food- and Feed-Handling Areas**

Application to food/feed areas of food- and feed-handling establishments may only be made using bait stations suitable for use with granular insect control baits.

Food- and feed-handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food and feed area when food is exposed and facility is in operation.

## **APPLICATION PROCEDURES AND USE RATES**

### **Broadcast**

Broadcast or scatter Zyrox Fly Granular Bait using suitable granular spreader equipment or directly from the container evenly to the target areas. Avoid placing the bait granules in piles and scatter bait as evenly as possible over surfaces.

Apply 0.2 lb (3.2 oz) of Zyrox Fly Granular Bait per 1,000 sq ft when listed fly pest populations are low. Apply 0.4 lb (6.4 oz) of bait per 1,000 sq ft when populations are high. Reapply bait every 7 days until insect pest population is at acceptable levels. For outdoor broadcast applications, **DO NOT** apply more than 2 lb per 1,000 sq ft per calendar year.



## Use in Bait Stations

Use bait stations that are suitable for granular baits.

Apply 0.2 lb (3.2 oz) of Zyrox Fly Granular Bait when listed fly pest populations are low using enough bait stations to make the necessary amount of bait available per 1,000 sq ft. Apply 0.4 lb (6.4 oz) of bait in bait stations per 1,000 sq ft when listed fly pest populations are high. Replenish bait stations until the insect pest population is at acceptable levels in the target area.

## Alternative Application Methods (for House Flies and Stable Flies Indoors Only or Other Listed Pests)

### Application of Zyrox Fly Granular Bait to Glue-Boards or Sticky Cards

Zyrox Fly Granular Bait may be applied as a dry scatter bait to the sticky surfaces of glue boards or other sticky cards as a way to present granular bait to listed fly pests. Apply Zyrox Fly Granular Bait to sticky surface of cards in a way so that the sticky material is covered with an even layer of bait (approximately 0.1 oz per sq inch of card surface). The amount used per card depends on the size and type of sticky surface. Hang from ceiling supports or other means to provide a treated surface for flies to land. Replace cards as bait is consumed or if cards become dirty, but not more frequently than every 7 days.

### Use of Water-Diluted Zyrox Fly Granular Bait Product – How to Prepare Dilution

Zyrox Fly Granular Bait may be applied by diluting granules in warm water at ratios ranging from 0.5-1.5 oz Zyrox Fly Granular Bait per 1 fl oz water. Mix in non-food use container and stir until bait has dissolved. Let mixture stand until a suitable consistency is achieved that allows one to paint the mixture onto a surface or apply to disposable cards or rope wicks.

### Methods of Applications of Water-Diluted Product (not for Stable Flies)

- **Paint-on method.** Prepare water-diluted product as described above. Apply as a spot treatment or 6-12 inch wide bands to surfaces every 10 ft where flies are likely to rest using a paint brush, roller or other applicator suited to spreading water-diluted bait onto a surface. Rinse applicator thoroughly after using. Reapply diluted bait as needed, but not more frequently than every 7 days. Some surfaces may become temporarily discolored when painting with diluted bait so it is advisable to test paint a small area to determine surface compatibility.
- **Application to disposable cards.** Water-diluted bait may also be applied to cards and hung from ceiling supports or other means to provide a treated surface for flies to land. Treated cards may be disposed of when they are no longer attractive to pests or when they become dirty and may be replaced with freshly treated cards every 7 days.
- **Rope-wick application of water-diluted product.** Rope wick may be used as a disposable surface for exposing flies to water-diluted Zyrox Fly Granular Bait.

Prepare water-diluted product as described above in a container. Place short pieces of rope-wick (approximately 6-36 inch lengths) into diluted product and allow to soak up diluted bait for 3-5 minutes. Remove rope pieces, allow to dry, and hang in areas where flies are likely to rest.

Surfaces that may be treated with paint-on treatments or where disposable boards/cards and/or rope wicks may be hung include doors and windows, building perimeter foundations, walls, beam edges, eaves, corners, cracks, crevices, wall voids, unfinished attics, crawl spaces, under appliances, along wall edges, conduits to light fixtures, pillars and other structures such as, but not limited to, fences, awnings, dumpsters, refuse containers and other areas where flies or fly specks are found.

**Do not** paint surfaces or place boards/cards or rope wicks within the reach of children, pets or livestock.

## PESTS KILLED

Pest Group	Including	Application Method		Comments
		Indoors	Outdoors	
Flies	<ul style="list-style-type: none"> <li>House Fly</li> </ul>	Broadcast <sup>1</sup>  Bait Stations  Scatter application to Glue-Boards or Sticky Cards  Water-Diluted Product <sup>2</sup> (Paint-on or Rope-Wick)	Broadcast  Bait Stations	Use bait stations suitable for flies.
	<ul style="list-style-type: none"> <li>Stable Fly</li> </ul>	Bait Stations  Scatter application to Glue-Boards or Sticky Cards		

	<ul style="list-style-type: none"> <li>• Dump fly</li> <li>• Fruit Flies (including spotted wing <i>Drosophila</i>)</li> <li>• Nuisance Flies (including black-eyed fly, dung fly)</li> </ul>	<p>Broadcast<sup>1</sup></p> <p>Bait Stations</p> <p>Scatter application to Glue-Boards or Sticky Cards</p> <p>Water-Diluted Product<sup>2</sup> (Paint-on or Rope-Wick)</p>	<p>Broadcast</p> <p>Bait Stations</p> <p>Scatter application to Glue-Boards or Sticky Cards</p> <p>Water-Diluted Product (Paint-on or Rope-Wick)</p>	
<p><sup>1</sup> <b>DO NOT</b> broadcast indoors except for walkways of penned-animal facilities.</p> <p><sup>2</sup> <b>DO NOT</b> USE DILUTED APPLICATIONS (Paint-On or Rope-Wick) for INDOOR RESIDENTIAL SITES.</p>				

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

**Pesticide Disposal**

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling [bags]**

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or by other procedures approved by state and local authorities.

**Container Handling [plastic containers less than or equal to 50 pounds]**

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Container Handling [fiber drums with liners]**

Non-refillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or dispose of liner in a sanitary landfill or by incineration, or by other procedures approved by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Zyrox®, the ALLIANCE FRAME  
the SYNGENTA Logo and the PURPOSE ICON  
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For non-emergency information (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481

Manufactured for:  
Syngenta Crop Protection, LLC  
P. O. Box 18300  
Greensboro, North Carolina 27419-8300

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