

# FLIES HAVE SOMETHING NEW ON THEIR MENU.

- ▶ Contains a unique active ingredient to help with resistance management
- ▶ Bait matrix is both highly attractive and palatable to flies
- ▶ Lower bulk density means fewer pounds required to fill stations and fewer pounds to lift and store

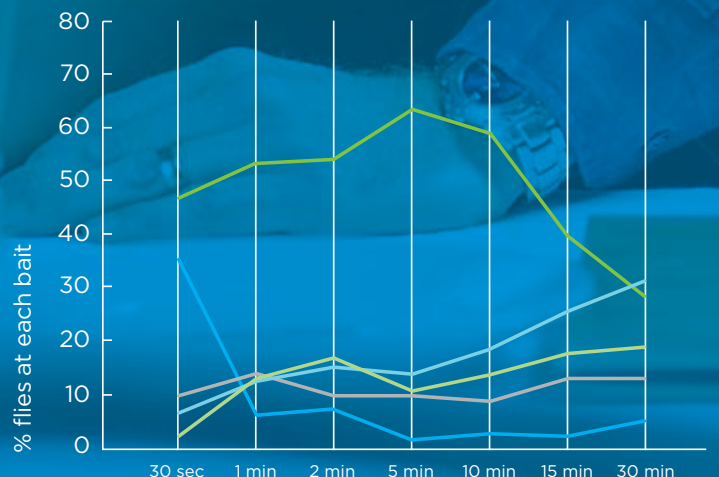
## An Innovative Tool for Resistance Management

Increased behavioral aversion and physiological resistance in house flies<sup>1-2</sup> means some fly baits are not as effective as they once were. However, Zyrox<sup>®</sup> fly granular bait from Syngenta Professional Pest Management features a unique active ingredient with no documented resistance that is highly attractive to flies, even without a pheromone lure.

Novel active ingredients are essential in overcoming resistance issues in house flies. The active ingredient in Zyrox, *cyantraniliprole*, makes it an ideal rotational partner in Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs for effective fly control.

Once a fly ingests Zyrox, effects can be seen within minutes. Coordinated movement stops rapidly, followed by lethargy, paralysis and death of the fly, providing quick relief and protection from nuisance flies.

House Fly Attraction Lab Trial - Florida\*



- Zyrox<sup>®</sup> Fly Granular Bait 0.5%
- Maxforce<sup>®</sup> Fly Spot Bait 10%
- Maxforce<sup>®</sup> Granular Fly Bait 0.5%
- QuikStrike<sup>®</sup> Fly Scatter Bait 0.5%
- Golden Malrin<sup>®</sup> Fly Bait 1.1%

\*All fly baits tested except Zyrox contained a pheromone.

Source: University of Florida, Phil Koehler, Ph.D. PRO12714, 2012

 **Zyrox<sup>®</sup> Fly**  
Granular bait

 **syngenta<sup>®</sup>**

## Flexible Application for Maximum Control

Zyrox has been approved for use both indoors (in a bait station) and outdoors in the most common areas where high fly densities result in customer complaints. Outdoors it can be applied to areas used for storing waste in refuse dumpsters that are fenced in or inaccessible to children and pets, such as around the following areas. For a complete list of application sites, please read the label.

- ▶ Restaurants
- ▶ Taverns
- ▶ Hotels
- ▶ Grocery stores
- ▶ Supermarkets
- ▶ Bakeries
- ▶ Warehouses
- ▶ Sports complexes

Zyrox can also be applied to 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
- ▶ Zoos
- ▶ Military installations

For production animal accounts, Zyrox can be applied in and around:

- ▶ Poultry/broiler houses
- ▶ Caged layer houses
- ▶ Swine production structures
- ▶ Livestock housing structures
- ▶ Horse stables

<sup>1</sup>Gerry AC and Zhang D, Behavioral resistance of house flies, *Musca domestica* (Diptera: Muscidae) to imidacloprid. *US Army Med Dep J* 54-59 (2009).

<sup>2</sup>Darbo JM and Mullens BA, Assessing insecticide resistance and aversion to methomyl-treated toxic baits in *Musca domestica* L. (Diptera: Muscidae) populations in southern California. *Pest Manag Sci* 60:901-908 (2004).

<sup>3</sup>University of California, Riverside, Brad Mullens, Ph.D. PRO12703, 2012.

## Resourceful Use of Bait

The bait matrix of Zyrox has a lower bulk density than most competitor fly baits. This allows for comparable surface area coverage and volume to other baits, but with fewer pounds of bait to carry, move and store. The recommended use rate of Zyrox is 3.2 oz/1,000 ft<sup>2</sup>, and the high rate of 6.4 oz/1,000 ft<sup>2</sup> can be used for high-level fly infestations.



Zyrox® Fly Granular Bait  
0.85 oz (24 g)

Maxforce® Granular Fly  
Bait/QuickBayt® Fly Bait  
1.3 oz (36 g)

Golden Malrin® Fly Bait  
1.8 oz (52 g)

One pound of Zyrox can fill a bait station 19 times, versus one pound of the above competitor products that would fill a bait station 13 times or less.

## Fly Control to Meet your Needs

Syngenta is dedicated to providing products that help protect your customers and their valued assets. With proven attractiveness and efficacy, Zyrox is another example of what Syngenta has achieved through advanced scientific research and industry expertise.

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Choose Zyrox to help ensure your customers can live without the nuisance of flies.

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**FOR LIFE UNINTERRUPTED™**

To learn more about Zyrox, please visit [www.SyngentaPMP.com](http://www.SyngentaPMP.com) or call 1-866-SYNGENT(A) (796-4368).

 **Zyrox® Fly**  
Granular bait

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