



NyGuard® IGR Concentrate is a juvenile hormone mimic which delivers Best in Class IGR performance and allows you to effectively break the reproductive cycle of your toughest insects and related pests.

	Gentrol®	Precor®	NyGuard® IGR
Cockroaches, fleas & broadest spectrum of other pests			✓
EPA reduced risk* status			✓
Food areas & non-food areas	✓		✓
Use indoors & outdoors			✓
Long-lasting residual activity	✓	✓	✓



### Product Specifications

<b>Signal Word</b>	Caution
<b>Packaging</b>	110 ml bottles (10 per case)
<b>EPA Registration Number</b>	1021-1603
<b>Food Handling</b>	For use in food and non-food areas
<b>Stability of Undiluted Product</b>	Stable
<b>Stability of Diluted Product</b>	Do not allow to stand overnight. Mix before each use.
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Sweet surfactant odor
<b>Active Ingredients</b>	Pyriproxyfen (Nylar)
<b>Flammability</b>	OSHA – combustible liquid
<b>Mode of Action</b>	Juvenile hormone mimic
<b>Class of Chemistry</b>	Insect growth regulator (IGR)
<b>Respirator Required</b>	Not required
<b>Mix or Dilute in</b>	Water or petroleum distillates
<b>Activity</b>	Residual – up to 7 months
<b>Shelf Life</b>	12 months closed in original commercial packaging

### Use Areas

#### Indoor in Food and Non-Food Areas, such as:

- Homes
- Food processing plants
- Restaurants
- Schools
- Warehouses
- Hotels

#### Outdoor Perimeter Treatments to areas, such as:

- Doors
- Garage doors
- Patios
- Decks
- Carports and around garbage areas

#### In, On or Around Livestock and Poultry Housing, and Pet Kennels

\*Pyriproxyfen, the active ingredient in NyGuard, has EPA Reduced Risk status in Food Handling.

## Method of Application

- Broadcast surface treatment
- Crack and crevice or spot treatment
- ULV fogging
- Perimeter spray
- Power spray
- Tank mix or apply alone

## Best Practices when using NyGuard® IGR Concentrate Tips

Use NyGuard as part of an Integrated Pest Management (IPM) program to break the cycle of insect reproduction. NyGuard gets to the root cause of insect problems – the eggs, larvae or nymphs – and prevents them from maturing into reproductive adults. NyGuard will cause morphological abnormalities and disrupt the normal development of immature stages of insects, leading to sterility or death. When adults are present, use NyGuard in conjunction with a non-IGR insecticide. This method focuses on the large-scale removal of the reproductive adult component of the target population, while at the same time introducing NyGuard to disrupt the development of further generations.

## Key Insects Controlled

Ants  
Asian Cockroaches

Brown Banded Cockroaches  
Carrion Beetles  
Cigarette Beetles  
Confused Flour Beetles  
Crickets  
Darkling Beetles  
Dermestid Beetles  
Fleas  
Flies  
German Cockroaches  
Gnats  
Hide Beetles  
House Flies  
Indian Meal Moths  
Lesser Grain Borers  
Litter Beetles  
Merchant Grain Beetles  
Midges  
Mosquitoes  
Moths  
Red Flour Beetles  
Rice Moths  
Saw-tooth Grain Beetles  
Stable Flies  
Tobacco Moths  
Warehouse Beetles

How NyGuard® Breaks the Cycle of Your Toughest Insect Pests				
<b>Complete metamorphosis</b> Includes insects such as: Fleas, Moths, Beetles, Ants, Flies, Midges, Mosquitoes and Gnats.				
	<b>Egg stage</b> Effects of NyGuard exposure: • Mortality	<b>Larval stage</b> Effects of NyGuard exposure: • Suspended in larval stage • Reduced fitness • Increased susceptibility to non-IGR insecticide • Sterility in adult stage	<b>Pupa stage</b> Results of NyGuard exposure in larvae stage: • Death • Morphological defects	<b>Adult stage</b> Results of NyGuard exposure: • Reduced reproduction—fewer eggs • Decreased viability of eggs
<b>Incomplete metamorphosis</b> Includes insects such as: Cockroaches and Crickets.				
	<b>Egg stage</b> Effects of NyGuard exposure: • Mortality	<b>Nymphal stage</b> Effects of NyGuard exposure: • Suspended in nymphal stage • Reduced fitness • Increased susceptibility to non-IGR insecticide • Morphological defects • Behavioral changes—more active during daylight hours • Death • Sterility in adult stage	<b>Adult stage</b> Results of NyGuard exposure: • Reduced reproduction—fewer eggs • Decreased viability of eggs	

Always read and follow label and MSDS directions.

To learn more, visit [www.mgk.com](http://www.mgk.com), call 1-800-645-6466 or send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).

