



## IGR CONCENTRATE

# TECHNICAL BULLETIN

NyGuard® EZ1 provides pest management professionals with the highest performing IGR in convenient, easy to use, single dose packaging. The active ingredient in NyGuard EZ1 is pyriproxyfen, a juvenile hormone mimic. NyGuard EZ1 breaks the cycle of insect reproduction and re-infestation by interfering with the maturation of immature stages of insects.

- Broad spectrum of control – including Fleas, Stored Product Pests, Cockroaches and Ants
- Controls Flies, Mosquitoes and other flying insects
- Effective both indoors and outdoors
- May be used in food processing and handling areas

NyGuard EZ1 and NyGuard IGR are different formulas of pyriproxyfen and have different directions for use. Always read and follow label directions for each product.



### Product Specifications

Signal Word	Caution
Packaging	8 x 1 oz. bottles per box, 12 boxes per case
EPA Registration Number	1021-1620
Food Handling	For use in food and non-food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Mix before each use
Appearance	Clear liquid
Odor	Odor of petroleum distillates
Active Ingredients	Pyriproxyfen (Nylar®)
Flammability	OSHA – combustible liquid
Mode of Action	Juvenile hormone mimic
Class of Chemistry	Insect Growth Regulator (IGR)
Respirator Required	Not required
Mix or Dilute in	Water or petroleum distillates
Activity	Residual – up to 7 months indoors; more than 90 days outdoors
Shelf Life	3 years in original commercial packaging

### Use Areas

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

Homes	Restaurants	Hotels
Food processing plants	Schools	Warehouses

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

Doors	Decks	Around garbage areas
Garage doors	Carports	
Patios		

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

#### Transportation Equipment

Automobiles	Boats	Railcars
Boxcars	Trucks	Ship cargo holds
Buses		

### Method of Application

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

Always read and follow label and MSDS directions. See label for complete list of use areas.

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

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## Best Practices when using NyGuard® EZ1

### Use NyGuard EZ1 as part of an IPM Program

Use NyGuard® EZ1 as part of an Integrated Pest Management (IPM) program to break the cycle of insect reproduction. NyGuard EZ1 gets to the root cause of insect problems – the eggs, larvae or nymphs – and prevents them from maturing into reproductive adults. NyGuard EZ1 will cause morphological abnormalities and disrupt the normal development of immature stages of insects, leading to sterility or death.

IGRs do not typically result in immediate reduction of insect populations. If immediate insect population reduction is desired, use NyGuard EZ1 in a tank mix with an adulticide (such as Onslaught®) that will deliver immediate results.

### Coverage Area for NyGuard EZ1

1.0 fl. oz. / 1,500 sq. ft. Fleas, Flies, Mosquitoes, Moths, Midges, Gnats, Litter Beetles

1.5 fl. oz. / 1,500 sq. ft. Stored Product Pests

2.0 fl. oz. / 1,000 sq. ft. Cockroaches, Ants, Crickets

### When Compared to Precor®

NyGuard EZ1 controls a broader spectrum of insects

NyGuard EZ1 is effective both indoors and outdoors

NyGuard EZ1 can be used in more situations

NyGuard EZ1 is more economical to use

NyGuard EZ1 lasts longer

### When Compared to Archer® and Paragon's Nylar Concentrate

NyGuard EZ1 is labeled for use in food areas

NyGuard EZ1 is conveniently packaged in 1.0 oz. bottles

## Key Insects Controlled

Ants	Flies	Midges
Asian Cockroaches	German Cockroaches	Mosquitoes
Brownbanded Cockroaches	Gnats	Moths
Carrion Beetles	Hide Beetles	Red Flour Beetles
Cigarette Beetles	House Flies	Rice Moths
Confused Flour Beetles	Indian Meal Moths	Saw-toothed Grain Beetles
Crickets	Lesser Grain Borers	Stable Flies
Darkling Beetles	Litter Beetles	Tobacco Moths
Dermeid Beetles	Merchant Grain Beetles	Warehouse Beetles
Fleas		

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



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