



## The most effective IGR technology available

NyGuard® IGR Concentrate gets to the root cause of most insect problems—reproductive potential—using best-in-class Insect Growth Regulator (IGR) technology to control problem insect infestations.

Apply NyGuard as a diluted spray or ULV/fogger to prevent eggs, larvae and nymphs from maturing into reproductive adults. Apply NyGuard in combination with a non-IGR adulticide to knockdown and kill existing adult populations while breaking the cycle of your toughest insect pests.

- NyGuard covers a broad spectrum of pests
- NyGuard provides longer-lasting residual than other IGR's
- NyGuard is effective indoors and outdoors
- Can be used in both food and non-food areas

Use areas	Indoor	Outdoor
<b>Residential—</b> Food and non-food areas	X	X
<b>Industrial—</b> Food and non-food areas	X	X
<b>Food processing and handling facilities—</b> Such as bakeries, food warehouses, restaurants and supermarkets	X	X
<b>Institutions—</b> Such as hospitals, institutional dining areas and schools	X	X
<b>Commercial buildings</b>	X	X
<b>Recreational areas</b>	X	X
<b>Companion animal areas</b>	X	X
<b>Livestock and poultry housing</b>	X	X

### Break the cycle today

To learn more about how NyGuard IGR Concentrate can help you overcome your most difficult insect challenges, visit [www.mgkpro.com](http://www.mgkpro.com) or call **1-866-645-4776**. You can also send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).



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**Break the reproductive cycle of your toughest insect pests.**

# How NyGuard® Breaks the Cycle of your toughest insects pests:

## Complete metamorphosis

Includes insects such as: Fleas, Moths, Beetles, Ants, Wasps, Flies, Midges, Mosquitoes and Gnats.



**Egg stage**  
Effects of NyGuard exposure:  
■ Mortality



**Larval stage**  
Effects of NyGuard exposure:  
■ Suspended in larval stage  
■ Reduced fitness  
■ Increased susceptibility to non IGR insecticide  
■ Sterility in adult stage



**Pupa stage**  
Results of NyGuard exposure in larvae stage:  
■ Death  
■ Morphological defects



**Adult stage**  
Results of NyGuard exposure:  
■ Reduced reproduction—fewer eggs  
■ Decreased viability of eggs

## Incomplete metamorphosis

Includes insects such as: Cockroaches and Crickets.



**Egg stage**  
Effects of NyGuard exposure:  
■ Mortality



**Nymphal stage**  
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



**Adult stage**  
Results of NyGuard exposure:  
■ Reduced reproduction—fewer eggs  
■ Decreased viability of eggs

Application method	Indoor	Outdoor
Broadcast surface treatment	X	X
Crack & crevice or spot treatment	X	X
ULV fogging	X	X
Perimeter spray	X	X
Power spray	X	X
Tank mix or apply alone	X	X

NyGuard label summary		
Insect pest	Indoor rate	Outdoor/perimeter treatments
Ants Cockroaches Crickets	11 ml. per gallon of water (treats 1,500 sq. ft.)	11 ml. per 1,500 sq. ft. (in sufficient water to get coverage)
Stored Product Pests*	11 ml. per gallon of water (treats 1,500 sq. ft.)	
Fleas	4 ml. per gallon of water (treats 1,500 sq. ft.)	4 ml. per 1,000 sq. ft. (in sufficient water to get coverage)
Flies Moths Mosquitoes Diptera or Hymenoptera Insects**	4 ml. per gallon of water (treats 1,500 sq. ft.)	4 ml. per 1,000 sq. ft. (in sufficient water to get coverage)
Litter Beetles: Darkling Beetles Hide Beetles Carrion Beetles	4 ml. per gallon of water (treats 1,000 sq. ft.)	4 ml. per 1,000 sq. ft. (in sufficient water to get coverage)

\* Includes Cigarette Beetles, Confused Flour Beetles, Dermestid Beetles, Indian Meal Moths, Lesser Grain Borers, Merchant Grain Beetles, Red Flour Beetles, Rice Moths, Sawtooth Grain Beetles, Tobacco Moths and Warehouse Beetles.

\*\*Includes Drain Flies, Fruit Flies, Gnats, House Flies, Midges, Mosquitoes, Stable Flies and Wasps.