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

<table>
<thead>
<tr>
<th>Gentrol®</th>
<th>Precor®</th>
<th>NyGuard® IGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadest spectrum (50+ pests)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Labeled for mosquito control including Aedes that may carry and transmit Zika virus</td>
<td>✔️</td>
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<tr>
<td>EPA reduced risk* status</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Food areas &amp; non-food areas</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Use indoors &amp; outdoors</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Photostable</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Long-lasting residual activity</td>
<td>✔️</td>
<td>✔️</td>
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</table>

**Product Specifications**

- **Signal Word**: Caution
- **Packaging**: 140 mL bottles (10 per case), 480 mL bottles (6 per case)
- **EPA Registration Number**: 1021-1603
- **Food Handling**: For use in food and non-food areas
- **Stability of Undiluted Product**: Stable
- **Stability of Diluted Product**: Do not allow to stand overnight. Mix before each use.
- **Appearance**: Clear, colorless liquid
- **Odor**: Sweet surfactant odor
- **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
- **Shelf Life**: 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
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

How NyGuard® Breaks the Life Cycle of Your Toughest Insect Pests

<table>
<thead>
<tr>
<th>Complete metamorphosis</th>
<th>Egg stage</th>
<th>Larval stage</th>
<th>Pupal stage</th>
<th>Adult stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes insects such as: Fleas, Moths, Beetles (including but not limited to Darkling Beetles, Carpet Beetles and Sawtoothed Grain Beetles), Ants, Flies, Midges, Mosquitoes and Fungus Gnats.</td>
<td>Effects of NyGuard exposure: • Mortality</td>
<td>Effects of NyGuard exposure: • Permanent larval stage • Reduced fitness • Increased susceptibility to non-IGR insecticides • Sterility in adult stage if development is able to continue</td>
<td>Results of NyGuard exposure in larvae stage: • Death • Morphological defects • No adult eclosion or emergence</td>
<td>Results of NyGuard exposure: • Reduced egg production • Decreased viability of eggs</td>
</tr>
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<th>Incomplete metamorphosis</th>
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<th>Nymphal stage</th>
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<tr>
<td>Includes insects such as: Cockroaches and Crickets.</td>
<td>Effects of NyGuard exposure: • Mortality</td>
<td>Effects of NyGuard exposure: • Permanent nymphal stage • Reduced fitness • Increased susceptibility to non-IGR insecticides • Morphological defects • Behavioral changes–more active during daylight hours • Death • Sterility in adult stage if development is able to continue</td>
<td>Results of NyGuard exposure: • Reduced reproduction–fewer eggs • Decreased viability of eggs</td>
</tr>
</tbody>
</table>

Always read and follow label and SDS directions.

To learn more, visit www.mgk.com, call 1-800-645-6466 or send an e-mail to brands@mgk.com.