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Break the Insect Life Cycle

Long-Lasting Insect Growth Regulator

NyGuard® IGR Concentrate is an insect growth regulator (IGR) that mimics the juvenile hormone (Group 7C), preventing immature insects from developing into reproductive adults. With long-lasting residual activity, it breaks the life cycle of more than 50 pests and can be used indoors, outdoors and over poultry. Adding an IGR to your integrated pest management program is important to prevent or manage known resistant insect populations.

Features and Benefits

- Can be applied when poultry are present
- Can be tank mixed with adulticides to control immature and adult insects
- Photostable so it will not rapidly degrade in sunlight
- Use as a general surface spray, ULV/fog, space spray application, spot treatment or crack and crevice application.

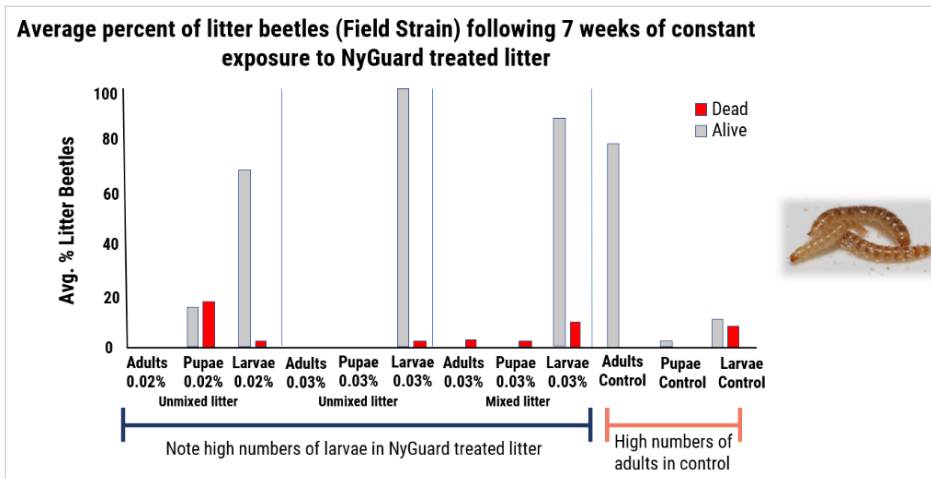
Packaging

- 140 ml unit (10 per case)
- 480 ml unit (6 per case)
- 30-gallon drum



Why Choose NyGuard?

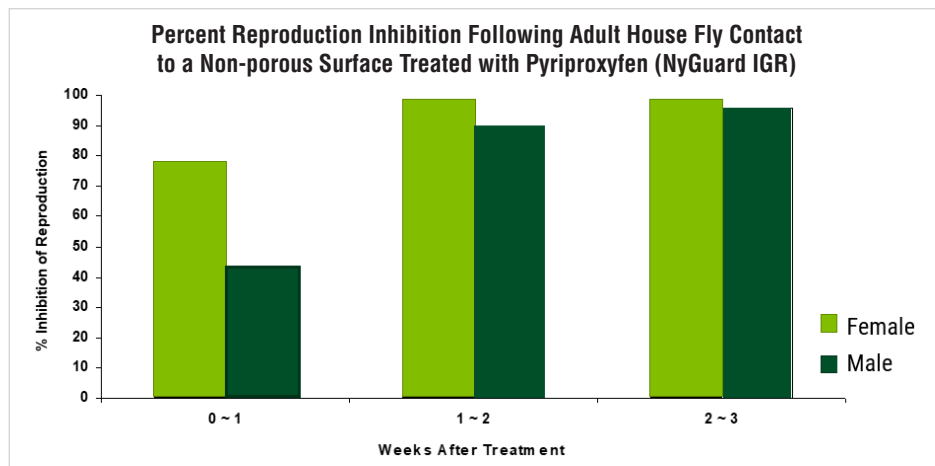
Most of an insect population is in the immature stage. When kept in the juvenile stage, insects are unable to reproduce and are easier to kill. Target the entire insect population by including an IGR in your management protocols.



What does this mean to your business?

Both mixed and unmixed litter treated with NyGuard IGR keeps darkling beetles in immature stages that are not capable of reproducing.



Source: MGK R&D Laboratory Study, 2017.



What does this mean to your business?

Exposure to NyGuard IGR reduces reproductive capability of male and female house flies. For example, a female fly originally producing 100 eggs is now only laying 5 eggs after exposure.

Source: Jpn J. Sanit. Zool. Vol. 43 No. 3 pg: 169-175 (1992).

		
Type of IGR	Juvenile Hormone Mimic	Chitin Synthesis Inhibitor
Environmentally stable	✓	✗
Efficacy at low concentration	✓	✗
Effects on all house fly life stages	✓	✗
Adheres to organic and inorganic surfaces	✓	✓
Use while birds and eggs are present	✓	✗