Insect Growth Regulator a Key Tool in Flea Control and Resistance Management Programs

Photo-stable both indoors and outdoors, Archer® insect growth regulator (IGR) provides long-lasting residual control through its emulsifiable concentrate formulation, preventing insects from developing into egg-laying adults. Archer offers Pest Management Professionals (PMPs) a unique mode of action that can help prevent insect resistance to pyrethroid insecticides by utilizing a different, non-neurotoxic, mode of action, which can prevent insect resistance to popular pyrethroid products.

How Archer Works
Most insecticide chemistries affect an insect’s nervous system. Archer is an IGR which causes sterility in adult fleas and flies and interferes with the development process of eggs, larvae and nymphs of many common arthropod pests. Using insecticides with different modes of action is an effective means to delay or avoid insecticide resistance.

Archer for Flea Control
Archer can provide up to seven months of flea control with only one application, controlling fleas in places where pets are likely to rest, such as kennels and shaded outdoor areas. Archer can be used on pet sleeping areas, carpets, throw rugs and upholstered furniture. For best results, protect pets against fleas with an appropriate, veterinarian-recommended product.

Archer Labeled Pests
- Fleas
- Mosquitoes
- Cockroaches
- Flies
- Crickets
- Ticks
- Beetles
- Beetles
- Gnats
- Midges
- Ants
- Moths
**Archer for Mosquito Control**

Archer can be tank mixed with Demand CS to prevent immature mosquitoes from becoming egg-laying adults. A tank mix of Archer and Demand should be applied outdoors in bushes and around foundations and decking.

**Archer for Cockroach Control**

As a non-repellent IGR, Archer affects the behavior of egg-carrying cockroaches. It causes them to abort their egg cases and return to feeding, which helps increase the success of cockroach bait. Apply Archer where cockroaches are likely to rest or crawl.

**Use Rates for Archer**

Archer delivers broad-spectrum control with the following application rates:

<table>
<thead>
<tr>
<th>Pests</th>
<th>Application Rates</th>
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</thead>
<tbody>
<tr>
<td>Fleas, flies, ticks and litter beetles</td>
<td>1 oz per gallon/1500 sq ft (0.02%)</td>
</tr>
<tr>
<td>Cockroaches and crickets</td>
<td>2 oz per gallon/1000 sq ft (0.01%)</td>
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For complete use recommendations, always read and follow label directions carefully.

**Environmental Profile**

- As a synthetic version of a naturally occurring hormone with low use rates and specific mode of action, Archer has minimal impact on the environment
- Low odor or volatile airborne residue concerns
- Low-hazard toxicological profile
- Archer carries a caution label and is a bio-rational product
- Ideal for Integrated Pest Management (IPM) programs

**Archer Performance**

- Broad-use label permits use:
  - Around buildings
  - In moist breeding areas such as mulch or bedding
  - In standing water such as gutters, drains and pools
- Long-lasting indoors and outdoors reducing the need for frequent applications
- Photostable for up to 14 days under direct sunlight
- Stays where it is applied

Archer is an excellent tank mix partner with Demand® CS insecticide with iCAP technology™ to control both resistant and non-resistant adult populations.

To find out how Archer can help your business, call 1-866-SYNGENT(A) or visit www.syngentapmp.com

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