Annihilator™ Polyzone®

Long-Lasting Pest Control

Water: A Dirty Word in Pest Management
In the past, premise insecticide spray products have been limited by susceptibility to water, including adverse weather and routine washing.
- Wash-off areas quickly reduce the amount of product remaining, making it less effective
- Surfaces like wood and concrete can also affect application
- Constant re-application due to wash-off costs time and money

Annihilator™ Polyzone® is Different Because It’s Not Afraid of Water
Polyzone® technology exclusive from Bayer:
- Provides up to 90 days of outdoor residual control
- Protects active ingredient from weather, wash-off and mechanical abrasion
- Reduces labor and number of applications required to maintain control

How Does Polyzone® Work?
The polymer within Annihilator™ Polyzone® forms a protective layer between the active ingredient particles and the surface. Particles are kept in place and protected from the elements, and are less impacted by aggressive surfaces such as cement and absorption by porous surfaces like wood. As the Polyzone® crystals erode over time, the active ingredient deltamethrin is slowly released, reducing the number of applications required to maintain control.

Contact your Midwest Veterinary Supply Representative for more information!
To place your order: 1-800-643-9378 | www.midwestvetsupply.com
The Proof: Polyzone® Remains Effective When Exposed to Water

Natural Rainfall Study
A comparative study between a product containing Polyzone® and two suspension concentrate (SC) products was conducted to see if the products’ effectiveness was reduced by natural weather conditions over a 90-day period. When measured by percent mortality, the study showed that Polyzone® remained more effective compared to the SC products.

- At 60 days, Polyzone® showed no drop off in mortality effectiveness
- At 90 days, the mortality % of pests for Polyzone® was still between 80–100%
- At 60 days, SC product B had less than a 20% rate of mortality
- At 90 days, both SC products had lost all mortality effectiveness

Mortality effectiveness: Polyzone® vs. two SC products

Simulated Rainfall Study
Another study compared what percentage of residue from the Polyzone® product and SC product A remained on two types of surfaces after simulated rainfall. The study showed that Polyzone® dramatically reduced wash-off compared to the SC product A.

- For the tile surface, 92.5% more of the Polyzone® product remained than the SC product
- For the concrete surface, 74.3% more of the Polyzone® product remained than the SC product

Get Long-Lasting Pest Control with Annihilator™ Polyzone®

- Active ingredient deltamethrin is proven to kill and control a wide range of pests
- Up to 90 days of outdoor residual control, even in areas where wash-off was a concern previously
- Innovative Polyzone® technology from Bayer research and science
- Can be used indoors, outdoors and in/around animal facilities
- New treatment area opportunities: milk replacer mixing rooms, milking parlors, side wall inlets, concrete entryways, side walls and floors, areas exposed to rain, outside and inside facilities, unprotected outdoor areas

Residue remaining after simulated rainfall: Polyzone® vs. SC product

Annihilator™ Polyzone®

© 2013 Bayer, LLC, Animal Health Division, Shawnee Mission, Kansas. 62701
Bayer (right), the Bayer Cross logo, Annihilator™ and Polyzone® are trademarks of Bayer.