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COMING SOON

PLINAZOLIN TECHNOLOGY FOR COCKROACH CONTROL

TECHNICAL OVERVIEW

Upon registration from the U.S. Environmental Protection Agency (EPA), PLINAZOLIN® technology will be the first significant, new active ingredient in a new chemical class, coupled with a new mode of action (IRAC Group 30), to debut in the pest control market in two decades. It will be marketed as the Vanecto® insecticide brand, with Vanecto Cockroach gel bait as the first release of many to come. Vanecto Cockroach will control all major cockroach species and serve as a rotational tool to manage insect resistance.



TECHNICAL FEATURES

Upon registration, this formulation will deliver:

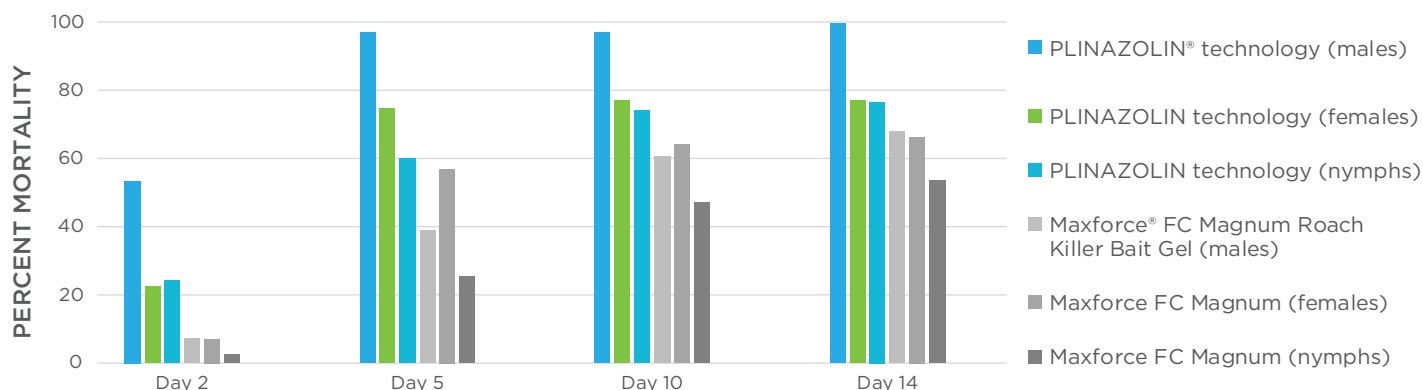
- **A new active ingredient and mode of action** in the pest control market for use within resistance management programs
- **No signal word**, no personal protective equipment requirements on the label and EPA Reduced Risk status¹
- **A highly attractive bait matrix** that enhances acceptance, palatability and consumption, leading to more thorough, sustained population control
- Control of **key cockroach species**, including German, brown-banded, American and more
- A non-repellent formulation with **contact and ingestion activity** that enables horizontal transfer for fast-acting control, reaching less mobile nymphs in harborages
- **Flexible application options** for residential, commercial, industrial and food-handling settings

¹A reduced-risk pesticide use is defined as one which may reasonably be expected to accomplish one or more of the following: (1) reduces pesticide risks to human health; (2) reduces pesticide risks to non-target organisms; (3) reduces the potential for contamination of valued, environmental resources, or (4) broadens adoption of IPM or makes it more effective. Vanecto Cockroach gel bait qualifies under one or more of the above criteria.



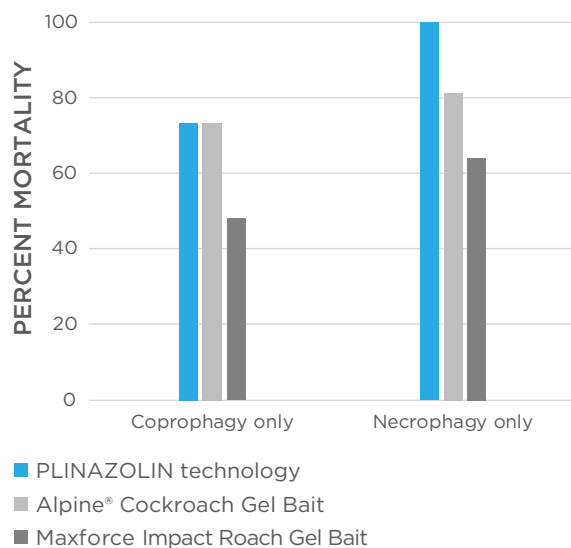
TRIAL PERFORMANCE

Laboratory performance against German cockroach strain with known resistance²



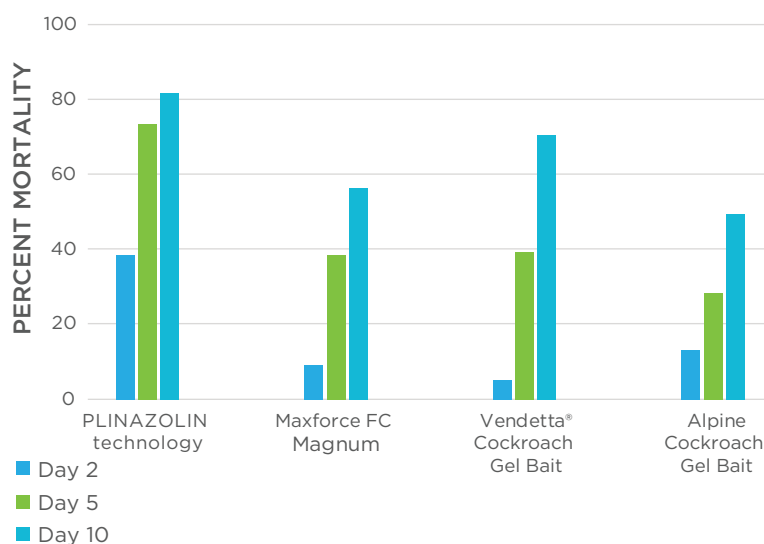
Source: Chow-Yang Lee, John So, Shao-Hung Lee and Gregory Kund, University of California, Riverside, USWP011282020.

One-day nymph mortality results from horizontal transfer



Source: Coby Schal, NC State University, PPMU24832.

Quick knockdown against German cockroach strain with known resistance²



Source: Chow-Yang Lee, University of California, Riverside, USWP010062025.



For more technical information about **PLINAZOLIN technology**, contact your local Syngenta territory manager. Scan the QR code or visit SyngentaPMP.com/PLINAZOLIN to learn more.

² Cockroach strain known for resistance to *fipronil* and other chemistries

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates commonly recommended in the marketplace.

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