



FUTURE INNOVATION - COMING SOON

Vykenda insecticide featuring PLINAZOLIN technology










ORNAMENTAL TECHNICAL OVERVIEW

Coming soon for ornamental growers is a new insecticide from Syngenta powered by PLINAZOLIN[®] technology, which features a new mode of action in a new chemistry class, IRAC Group 30. The mode of action will act through contact and ingestion to control mites, thrips, leafminers, caterpillars and more. Upon registration from the U.S. Environmental Protection Agency, this new technology and resistance management tool will be marketed as Vykenda[®] insecticide.

TECHNICAL FEATURES

Upon registration, this formulation will:

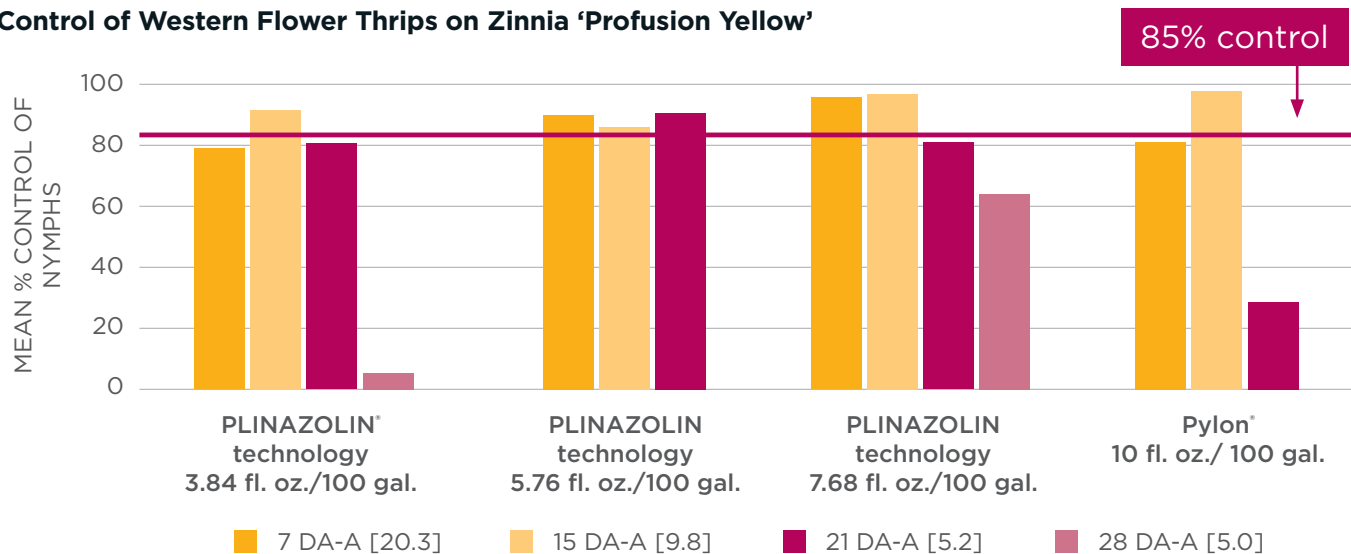
- Be a new active ingredient for greenhouse and nursery growers with no known resistance or cross-resistance to other insecticides.
- Offer broad-spectrum, long-lasting control of **seven orders of agriculturally important insects**, including:

 Black vine weevils	 Japanese beetles	 Mites (all life stages)
 Caterpillars	 Leafminers (all life stages)	 Thrips
 Flea beetles (including red-headed flea beetle)	 Mealybugs (suppression)	 Psyllids

- Act through contact and ingestion for quick knockdown and early curative activity before pest populations build.
- Prevent foliar damage through rapid feeding cessation.
- Be labeled for use on edible crops, including non-bearing fruit and nut trees, vines, small fruits and vegetable transplants grown for retail sales to consumers.
- Have a proposed re-entry interval (REI) of 12 hours
- Provide a complete insect control solution and mitigate resistance when tank mixed or rotated with Mainspring[®] GNL insecticide.

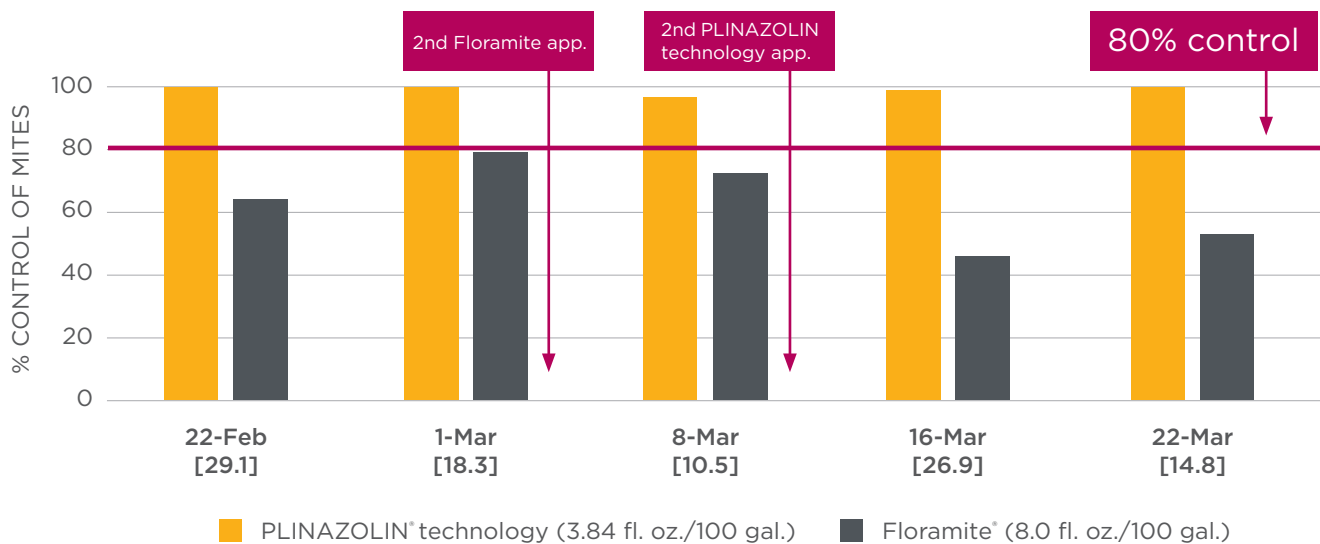
TRIAL RESULTS

Control of Western Flower Thrips on Zinnia 'Profusion Yellow'



Source: Long, Syngenta, 2020. Two applications made on a nine-day interval. Applications made on 8/5/2020 and 8/14/2020. DA-A = Days after application. [Check] = number of insects per 3 blooms.

Control of Two-Spotted Spider Mite on Vinca 'Sunstorm Apricot with Eye'



Source: Long, Syngenta, 2019. PLINAZOLIN technology applications made on 2/15/2019 and 3/9/2019. Floramite applications made on 2/15/2019 and 3/2/2019. [Check] = number of motiles per 30.3 sq. cm.

For more technical information about **Vykenda insecticide and PLINAZOLIN technology**, contact your local Syngenta territory manager.

 @SyngentaOrnamentals



1-800-657-0745
www.carlinsales.com



All photos are either the property of Syngenta or are used with permission.

Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations.

© 2025 Syngenta. **Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties and/or may have state-specific use requirements. Please check with your local extension service to ensure registration and proper use. Vykenda and PLINAZOLIN are not yet registered for sale or use in the United States and are not being offered for sale.** Mainspring[®], PLINAZOLIN[®], Vykenda[®] and the Syngenta logo are trademarks of a Syngenta Group Company. Floramite[®] is a trademark of UPL NA, Inc. Pylon[®] is a trademark of BASF. All other trademarks are the property of their respective third-party owners.