



syngenta®

# Besiege on Sugarcane – Protecting Yield and Profit



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## Besiege – Protecting Yield and Profit

Besiege™ foliar insecticide provides dual-action protection against lepidopteran pests plus proven broad-spectrum performance against other damaging insect pests in sugarcane. Available as a convenient premix formulation, Besiege is easy to use and reduces the hassle of tank mixing. With robust rates, excellent knockdown and long-lasting residual, Besiege offers consistent broader and stronger performance, in addition to optimized value.

### Protection from the Ground Up

Lepidopteran-feeding can cause reduced sugarcane tonnage and yield; and if left untreated, this feeding can substantially impact production for several growing cycles. With Besiege, sugarcane is protected from the ground up against the devastating effects of lepidopteran-feeding including deadheart, tiller loss, decreased stands, weaker ratoon crops and ultimately lower yield at harvest. With the help of Besiege, sugarcane growers can count on maximum insect protection and return on investment.

### Key Pests

- Lesser cornstalk borer<sup>1</sup>
- Mexican rice borer<sup>1</sup>
- Pygmy mole cricket
- Rice stalk borer<sup>1</sup>
- Sugarcane aphid<sup>3</sup>
- Sugarcane beetle (adult)<sup>2</sup>
- Sugarcane borer<sup>1</sup>
- West Indian crane fly
- Yellow sugarcane aphid<sup>3</sup>

<sup>1</sup>For control before the larva bores into the plant stalk.

<sup>2</sup>Suppression only of beetles active above ground.

<sup>3</sup>Refer to Resistance Management section on product label.



Lesser cornstalk borer

Photo Credit: University of Florida IFAS Extension



Mexican rice borer

Photo Credit: LSUAgCenter.com





## Technical Features

1. Contains 1.25 lb a.i./gallon with a 2:1 ratio of chlorantraniliprole + lambda-cyhalothrin
2. Formulated using Zeon® technology for consistent performance
3. Foliar application provides fast knockdown and long-lasting residual control of lepidopteran pests
4. Controls a broad spectrum of secondary, economically important pests
5. Offers multiple modes of action and controls pests by contact, ingestion, and ovicidal activity
6. Highly effective on lepidopteran species with tolerance to other chemistries
7. Effective at low use rates
8. Systemic activity of chlorantraniliprole provides below-ground protection from burrowing pests (i.e. lesser cornstalk borer)

## Use Recommendations

- Use 8.0-10.0 fl. oz/A
- Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold. Apply higher rates within the listed rate range for heavy infestations.
- Do not exceed a total of 31.0 fl. oz. of Besiege or 0.16 lb. a.i. of lambda-cyhalothrin-containing products or 0.2 lb. a.i. chlorantraniliprole-containing products per acre per growing season
- Pre-Harvest Interval (PHI): 21 days
- Minimum interval between applications: 7 days
- Apply with ground or air equipment using sufficient water to obtain full coverage of the foliage or target area. Do not use less than 10 GPA for ground applications or 5 GPA for aerial applications.

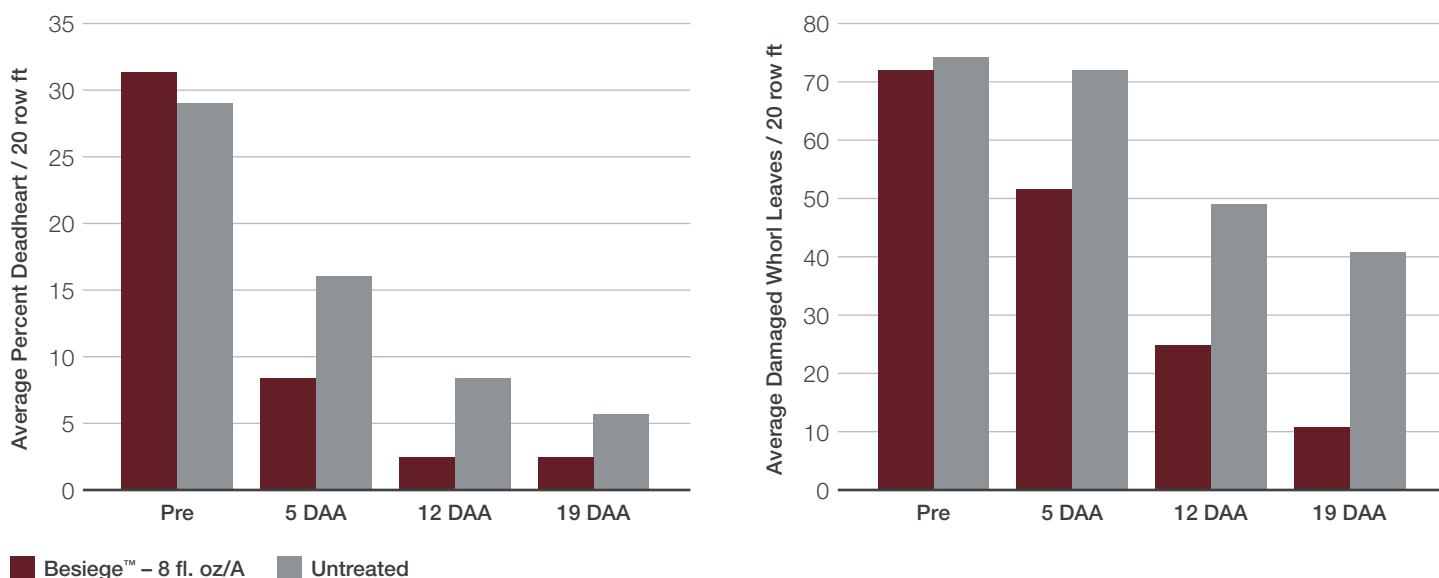




## Performance Results

Commercial trials show that the application of Besiege leads to a lower average percent of deadheart and damaged whorl leaves in sugarcane.

### University of Florida – Lesser Cornstalk Borer Evaluation in Sugarcane



Application Date: Besiege – 12 December 2010. Leslie Baucum, University of Florida – Lesser Cornstalk Borer Demonstration Trial.

For more information, visit [www.farmassist.com](http://www.farmassist.com) or call the Syngenta Customer Center at **866-SYNGENTA (866-796-4368)**.



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