

# Strong on Pecan Aphids, Gentle on Beneficial Insects

## Sefina<sup>®</sup> Insecticide Provides:

- Unique Mode of Action classification (IRAC 9D) that controls aphids including those resistant to other chemistries
- Rapid onset of action to stop aphid feeding and protect yield potential
- Compatibility with beneficial insects for Integrated Pest Management

Sefina insecticide is an excellent resistance management tool, controlling labeled insect pests that are resistant to other insecticides, including neonicotinoids, pyrethroids, organophosphates and carbamates.



## Sefina Insecticide Blackmargined Aphid Control in Pecan (Chula, GA)



2018 Southeast AgResearch – Chula, GA. Variety: Summer. Applications on Sep 11, 2018 via air blast sprayer in 104 GPA. All treatments applied with O-Si adjuvant @ 0.125% v/v. Aphid counts on Sep 14 and 18 (3 and 7DAT1). BASF sponsored study.



**Sefina insecticide delivers a unique mode of action to control aphids while being gentle on pollinators and beneficial insects**

**BASF**

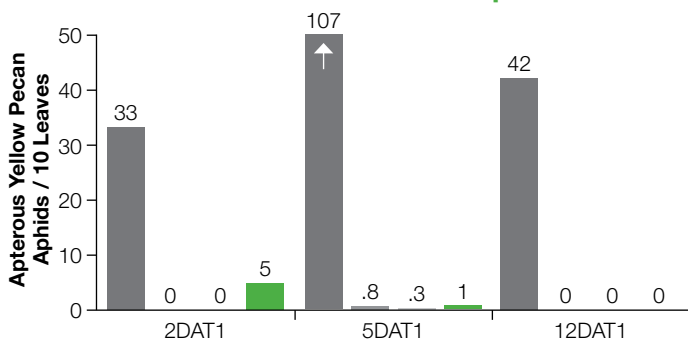
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**Technical Information Bulletin**

## Best Use Recommendations

- Use Rate (Aphids): 3-6 fl oz/A
- REI: 12 hours
- PHI: 7 days
- Rainfast: 1 hour
- Minimum Application Interval: 7 days
- Maximum Cumulative Rate/Season: 12 fl oz/A
- Minimum Spray Volumes/Acre:
  - Aerial: 10 GPA
  - Ground: 50 GPA

### Sefina® Insecticide Yellow Pecan Aphid Control



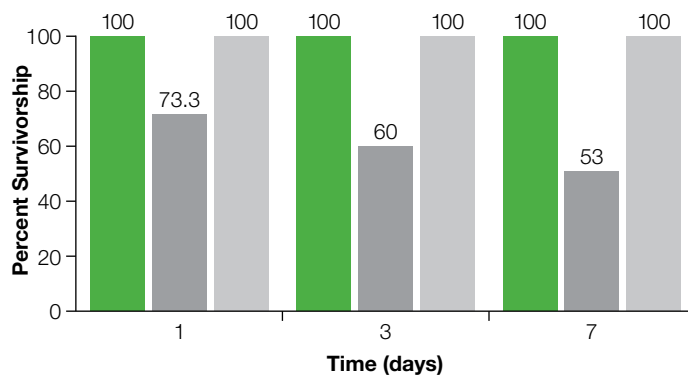
- Untreated
- Closer Insecticide 2.75 oz
- Fulfill® Insecticide 4.0 oz
- Sefina Insecticide 3.0 oz

2018 John Curtis, Adel, GA. Variety: Stuart 6 yrs old (height 25-35 ft). Applications on Jul 1, 2018 in 100 GPA via hand gun sprayer. All treatments applied with non-ionic adjuvant @ 0.25% v/v. Aphid counts on 7/3/2018 and 7/13/2018. BASF sponsored study.



To learn more about crop protection products from BASF, visit [www.agproducts.basf.us](http://www.agproducts.basf.us)

## Favorable Environmental Profile for Immature Lady Beetle Survival



- Sefina Insecticide 3 fl oz/A
- Warrior II® Insecticide 1.6 fl oz/A
- Untreated

2017. Data from Minnesota Soybean Research and Promotion Council, the Iowa Soybean Association, BASF Corporation and Syngenta sponsored research.



Untreated



Sefina Insecticide 6 oz/A

2019 Dr. A Acebes-Doria, U of GA, Tifton GA. Application of Sefina insecticide 6 oz/A with adjuvant on Sep 10, 2019. Images from U GA. BASF sponsored test.

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Inscalis® Insecticide