

# Carbine® 50WG Insecticide



## PECANS

### Unique chemistry quickly stops aphid feeding in pecan orchards.

Carbine® 50WG insecticide offers a unique mode of action effective against the three major aphids found on pecans. The active ingredient in Carbine 50WG insecticide works on contact as well as by ingestion, when aphids feed on treated surfaces. Studies show feeding cessation in less than 30 minutes, followed by insects quickly starving.

Carbine 50WG insecticide makes an excellent resistance management partner because of its lack of cross resistance with other insecticide classes. It has a low impact on many important beneficial insects, including honeybees and predatory and parasitic insects, such as lady beetles, lacewings, mites and parasitic wasps.

Orchards should be scouted weekly. Yellow pecan aphids and black margined pecan aphids may be present throughout the growing season. Generally, only yellow pecan aphids need to be sprayed later in the season and only when infestations exceed 25 per compound leaf.

Black pecan aphids may cause damage as early as May but are usually a serious problem only late in the season. Damage appears as yellow spots on leaflets. Before July 1, treat if 25% of terminals have two or more black aphids. After July 1, treat if 15% of terminals have more than one black aphid or if nymph clusters are found. Application rates of 2-2.8 oz./A have proven very effective.

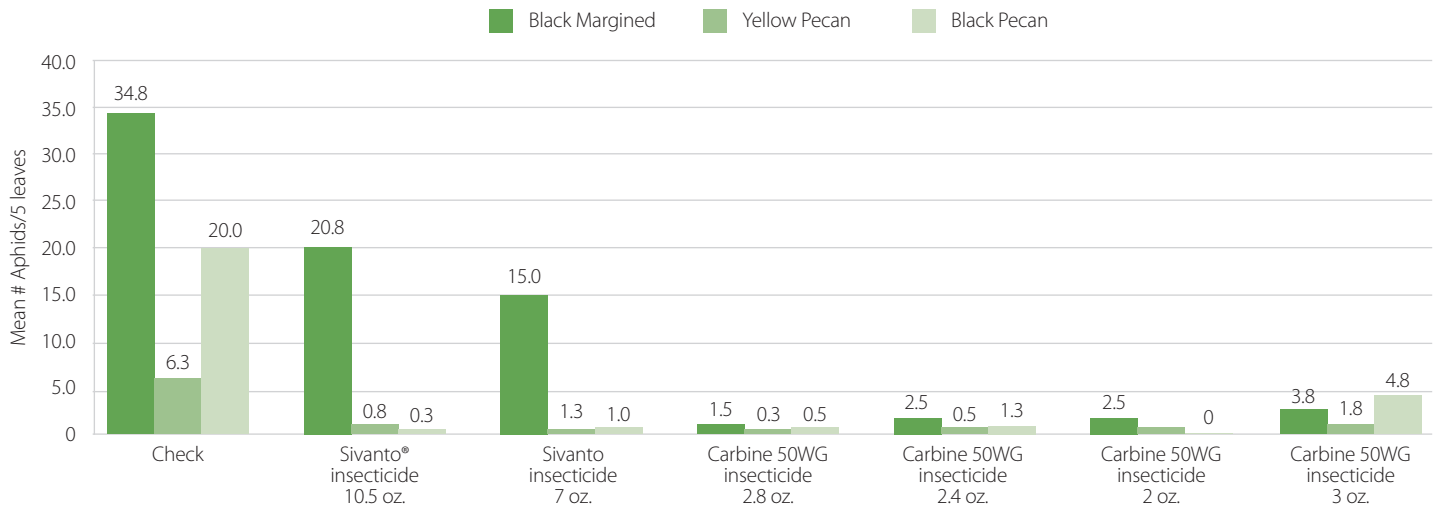
### QUICK FACTS:

- Unique mode of action: Only chemical in Group 29, it's excellent for resistance management. No known cross resistance with other insecticides.
- Translaminar movement for control through contact and ingestion. Insects stop feeding within 30 minutes of exposure.
- Low impact on many important beneficial insects.
- More MRL approvals provide greater export opportunity.
- Rainfast when dry on the leaf surface.
- Can be used any time during the crop season, including flowering.
- 40-day PHI.
- Can be applied by ground (50 GPA minimum) or air (10 GPA minimum).
- Labeled pests: yellow pecan aphid, black margined aphid, black pecan aphid.
- Use rates: 2.0-2.8 oz./A.



## Carbine® 50WG Insecticide Provided Excellent Control of Three Major Aphid Pests of Pecans

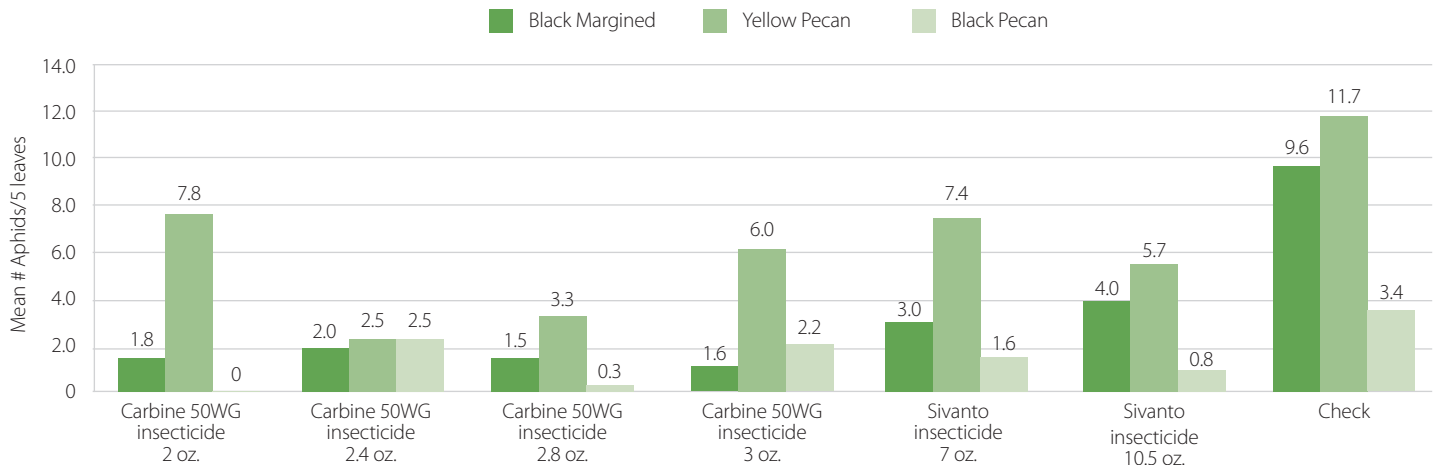
Dr. Jim Dutcher, UGA, August 2015 (7 DAA)



Spray date – August 25, 2015 | Durand air-blast sprayer | Spray volume - 100 gal./A 180 psi | Both sides of each tree. One application.

## Carbine 50WG Insecticide Provided Excellent Control of Three Major Aphid Pests of Pecans

Dr. Jim Dutcher, UGA, August 2015 (3 DAA)



Spray date – August 25, 2015 | Durand air-blast sprayer | Spray volume - 100 gal./A 180 psi | Both sides of each tree. One application.

### Label for Pecans:

**Rates:** 2.0-2.8 oz./A

**Active Ingredient:** Flonicamid

**Mode of Action:** Active on the A-type potassium channel of the pest. Group 29

### Application Guidelines:

**Re-Entry Interval:** 12 hours

**Preharvest Interval:** 40 days

**Maximum Amount of Carbine Insecticide Per Season (pounds of active ingredient per acre):** 8.4 oz.

**Contact your FMC retailer or visit [FMCcrop.com](http://FMCcrop.com) to learn more about Carbine 50WG insecticide.**

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