



UNIVERSITY OF GEORGIA EXTENSION

Ben Hill County

BEN HILL COUNTY AGRICULTURE NEWS

Sat 06	93°/71°		Partly Cloudy	☁ 15%	↗ SE 4 mph
Sun 07	91°/70°		Partly Cloudy	☁ 17%	↓ N 5 mph
Mon 08	84°/67°		Isolated Thunderstorms	☁ 37%	↙ NE 11 mph
Tue 09	84°/67°		Mostly Cloudy	☁ 7%	↙ NE 11 mph
Wed 10	85°/66°		Mostly Cloudy	☁ 12%	↙ NE 9 mph
Thu 11	89°/65°		Partly Cloudy	☁ 11%	↙ NE 8 mph
Fri 12	89°/65°		Partly Cloudy	☁ 6%	↙ NE 9 mph
Sat 13	86°/64°		Mostly Sunny	☁ 9%	↙ NE 10 mph
Sun 14	86°/65°		Partly Cloudy	☁ 10%	↙ NE 10 mph
Mon 15	84°/64°		Partly Cloudy	☁ 15%	↙ NE 9 mph
Tue 16	86°/65°		Partly Cloudy	☁ 21%	↙ NE 9 mph
Wed 17	85°/65°		Partly Cloudy	☁ 24%	↙ NE 8 mph
Thu 18	84°/65°		Partly Cloudy	☁ 24%	↙ NE 8 mph
Fri 19	84°/65°		Partly Cloudy	☁ 24%	↙ NE 7 mph

(Forecast from The Weather Channel for Ben Hill County)

Temperatures are cooling off! A few chances of rain for next week!

UGA Podcasts:

Link to **peanut** podcast page-

https://open.spotify.com/episode/5wxSceurtvEOFcZjXiN8?si=FTFSdzUyTzCKkQh_LJXcKw

Link to **cotton** podcast page

<https://www.buzzsprout.com/2350262/episodes/16786065>

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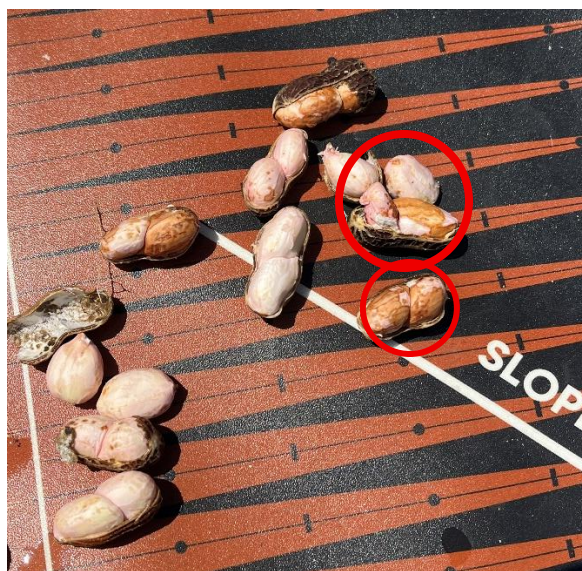
Peanut Update:



Harvest Meeting with UGA Peanut Team!

- September 25 @ 8 am
- Kenny Ray Davis's Shop (206)
- Breakfast
- Peanut updates and variety trial discussion
- Meet Dr. Clemen Olivera who has been hired in Dr. Tim Brenneman positions as Dr. Breneman has retired!

Peanut Maturity Checks! Bring samples at 120 DAP! Bring vines and a representative sample of field!



So far, this crop seems to be on track! We have dried off so don't forget to irrigate! **We need to finish this crop off strong.** Not irrigating can slow these peanuts down and prevent them from maturing at the right time.

Peanuts planted in late April seem to be around 2-3 weeks away from planting, depending on variety and specific field conditions. Early plants 06Gs have several "blotchy" kernels. Likely due to TSWV as shown above (○)!

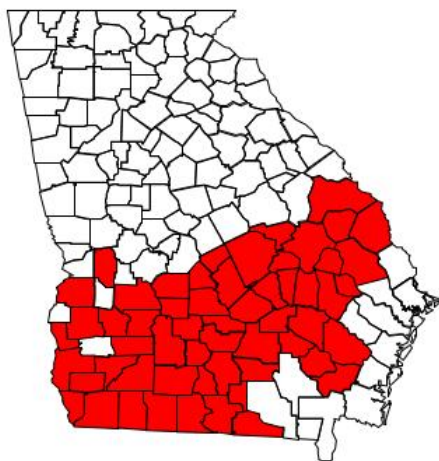
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Cotton Jassid Update from Dr. Roberts

Cotton Jassid County Detections

As of August 29, 2025



- Count jassid nymphs on the 3rd, 4th, or 5th mainstem leaf below the terminal (they are most commonly found on the 4th).
- **NEW Preliminary Threshold:**
 - 1-2 nymphs per leaf.
 - Or early symptoms (slight hopperburn) commonly observed in inner portion of field and jassids present.
 - Zoom in pic on right and you will see cast skins (exoskeleton where nymphs molted).

DO NOT underestimate this pest!

Cotton Jassid Plant Damage



Early symptoms of "hopperburn" left.
Severe symptoms middle and right.



Treatable infestations continue to spread, **BE SURE YOU ARE MONITORING THIS SITUATION CLOSELY IN YOUR COUNTY!**

Jassid infestations and plant injury symptoms are higher on field margins. Symptoms can show up quickly, we have observed fields to crash in 2 weeks.

Symptoms will continue to develop when jassids are killed. This is likely due to the toxins injected into the plant when jassids feed.

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Insecticide Selection

- Bidrin has been a consistent performer on commercial fields and in small plots.
- Argyle and Assail have not be as consistent as Bidrin but are good options when whiteflies are present.
- Carbine continues to look good in small plot trials and one 12 acre block sprayed in Tifton.
- Centric, Transform, Sefina, and Sivanto are options, we are continuing to learn as much as we can.
- Bifenthrin (I would expect pyrethroids in general) do not provide acceptable control.

Cotton Jassid Observations

- As of today, the highest jassid populations and injury symptoms have occurred on earlier planted cotton.
- I expect this to change in the coming days and weeks. As we begin defoliating cotton it is likely jassids will move to green lush cotton.
- This jassid situation is likely going to keep getting worse, maybe really bad on late cotton (I hope an pray I am wrong).

Cotton Jassid Common Questions

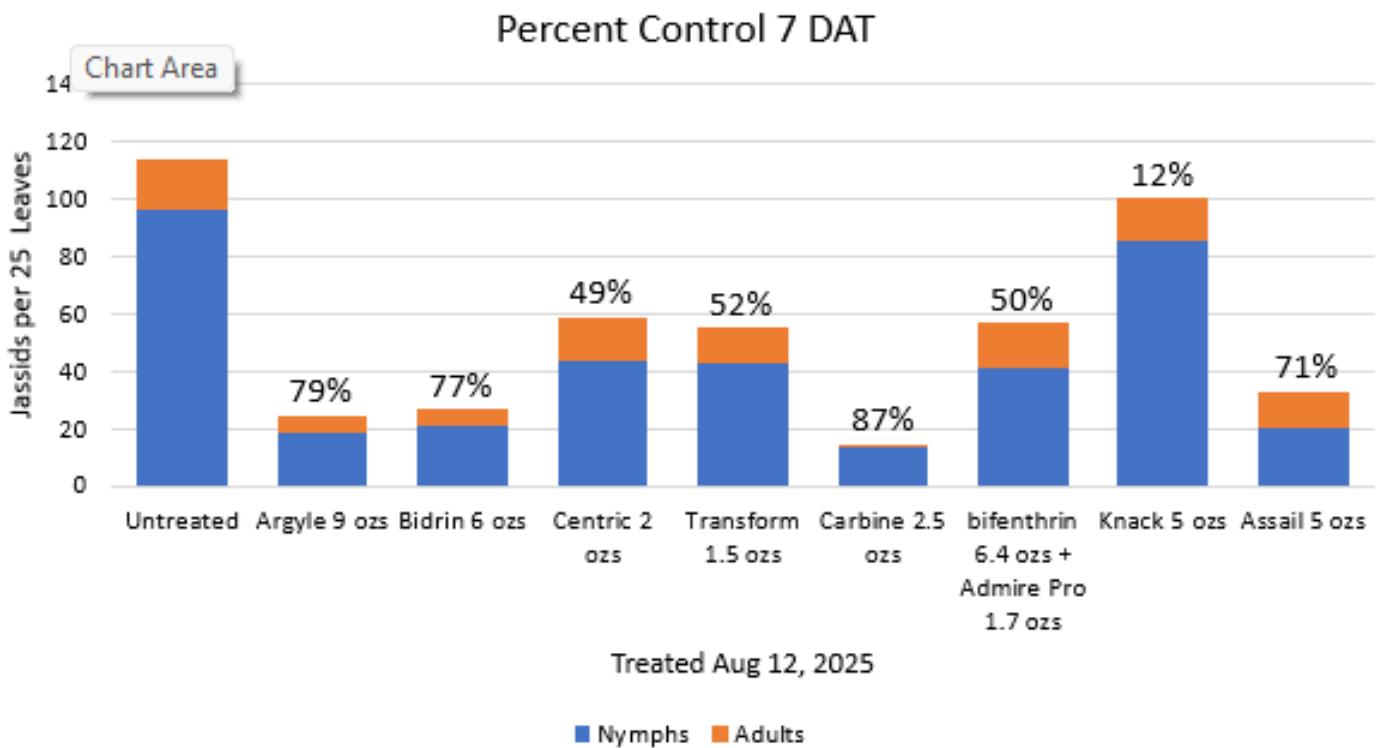
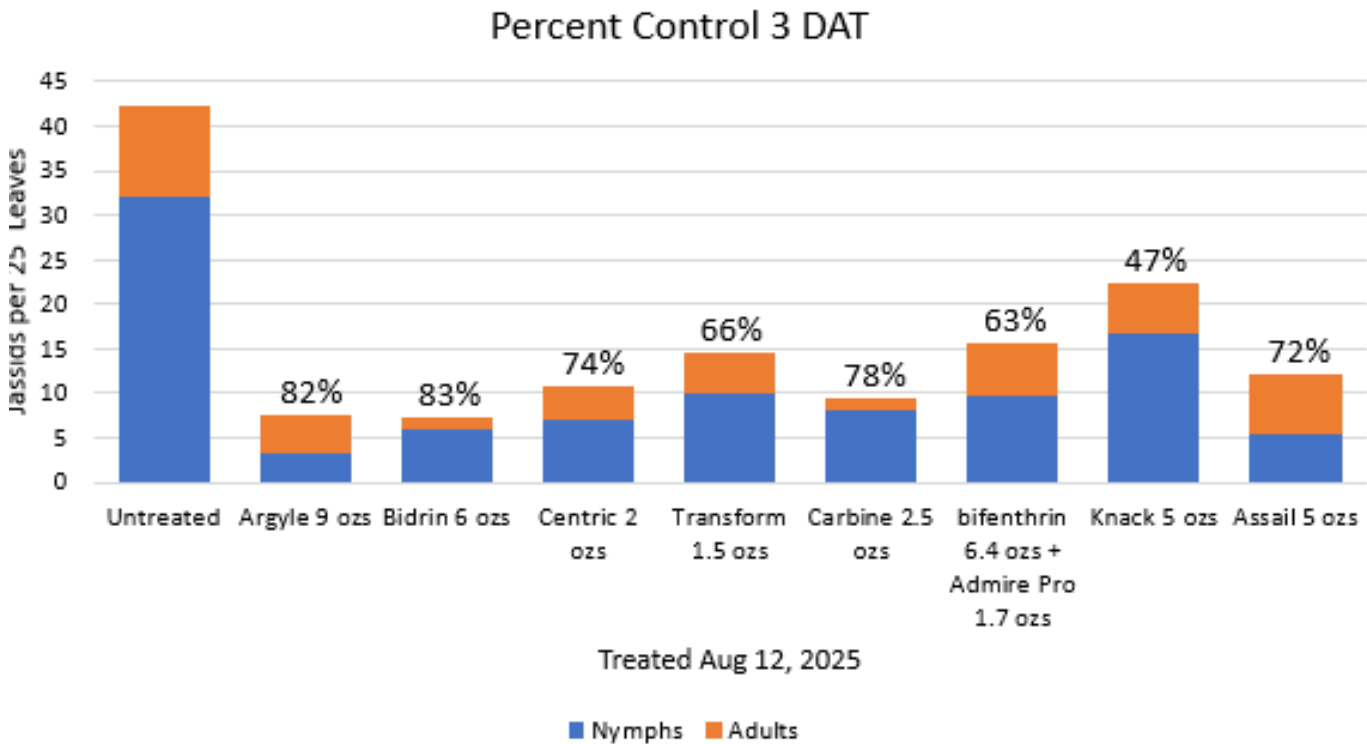
- How long before we will need to retreat a field?
 - This is dependent on insecticide used and how much migration or reinfestation is occurring. Scout! Some fields have required a second application.
- How long do we need to protect cotton from jassids?
 - We need green leaves to fill top bolls.
 - Based on observations that jassids can crash a field in 2 weeks our thoughts are:
 - Protect cotton up to 14 days before the earliest you could defoliate a field (60% open) and the field is still green.
 - This generally corresponds to about 20-25 percent open boll and the field is still green.
 - If the field is yellowing and beginning to show symptoms I would still spray even at 20-25 percent open.
- If the field is crashing, leaves are yellow and beginning to turn red and brown, it is likely over and treatment may not be of a benefit.

The following is data from on farm Trails:

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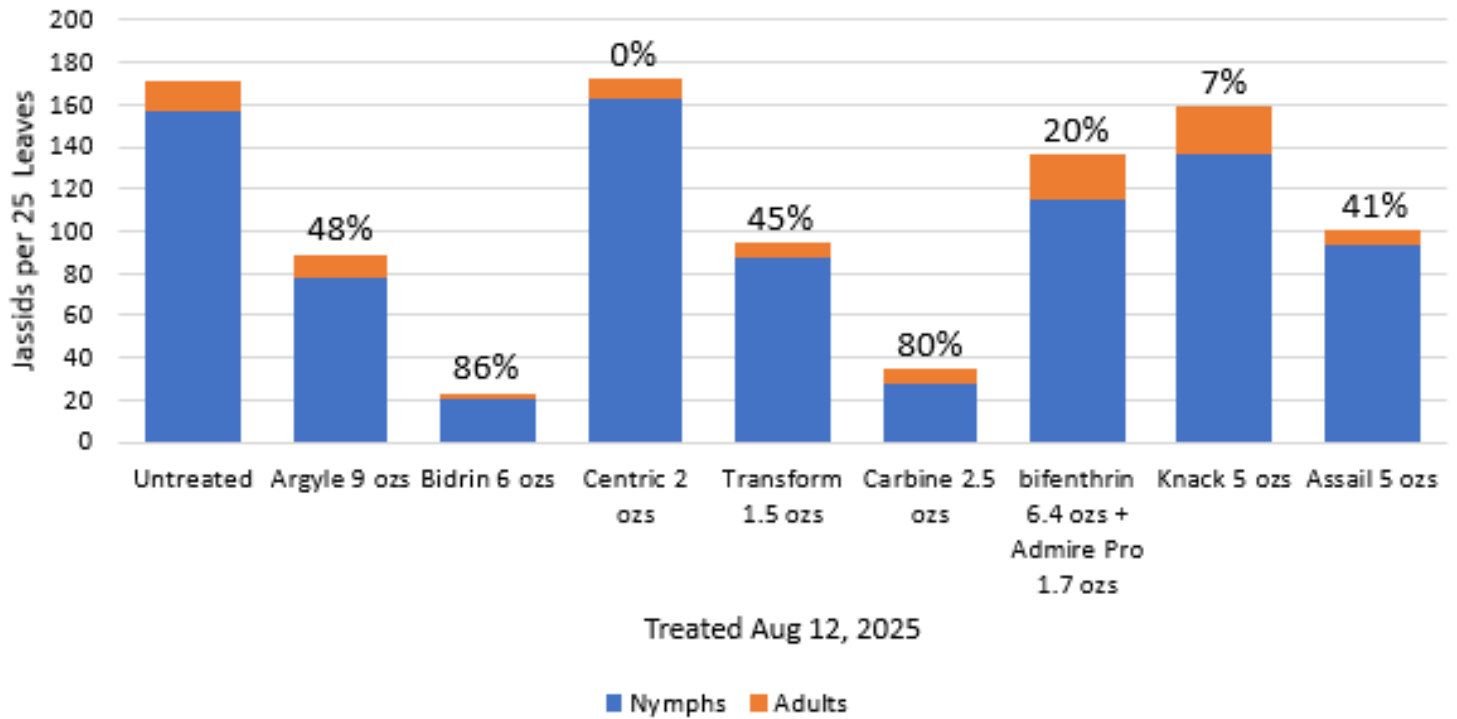
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Appling County: Agent Will Brown :Notice how populations increase over 2 weeks after treatment depending on product



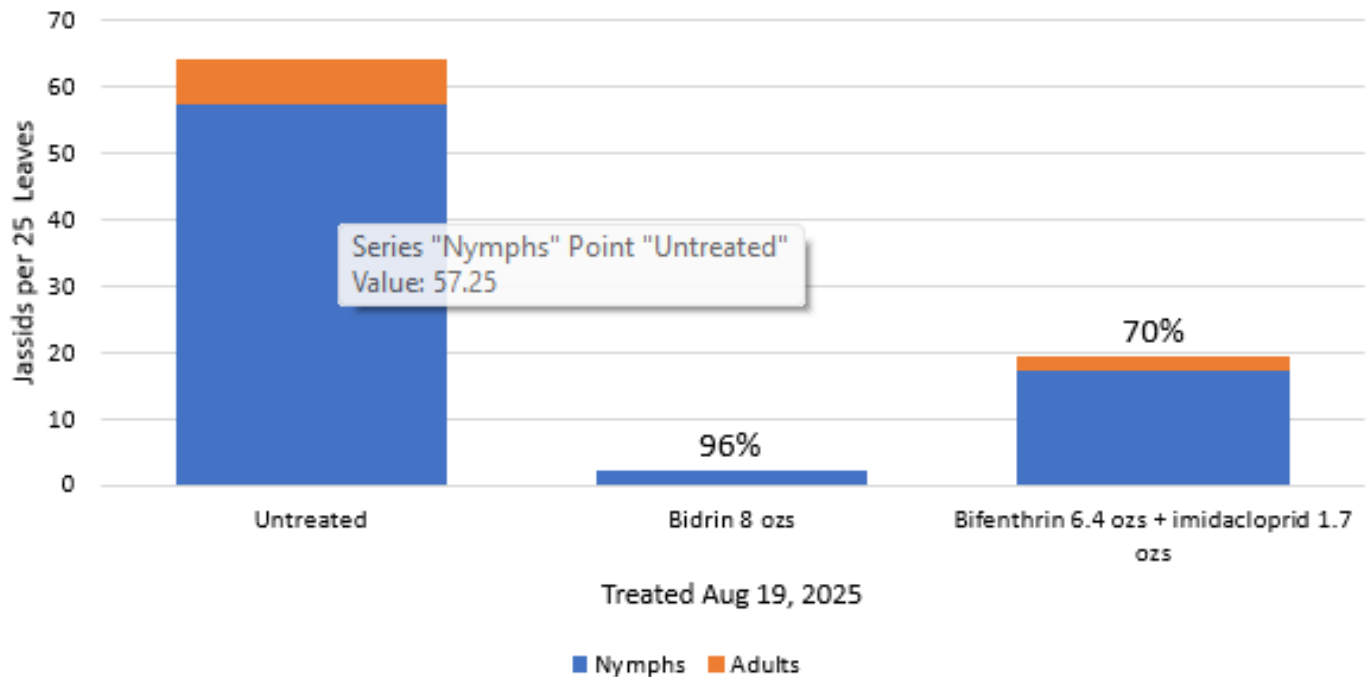
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Percent Control 14 DAT



Appling County Strip Trial

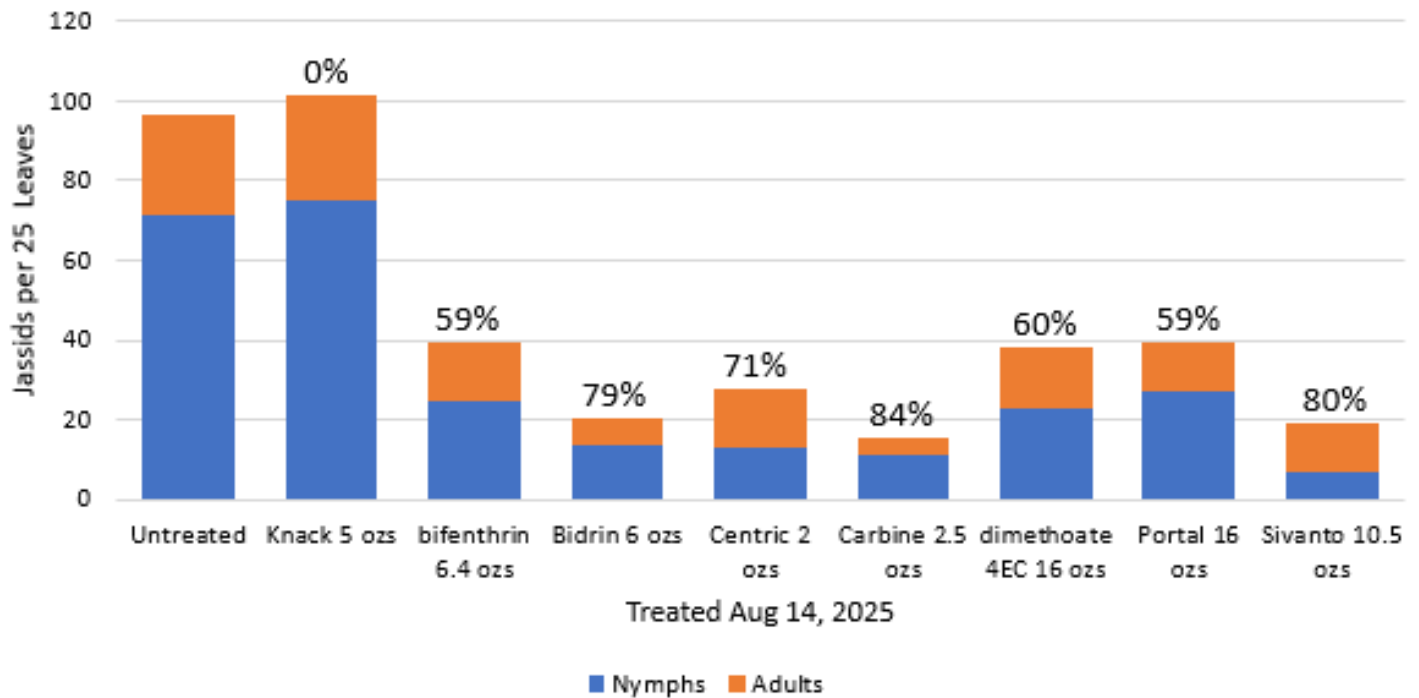
Percent Control 4 DAT



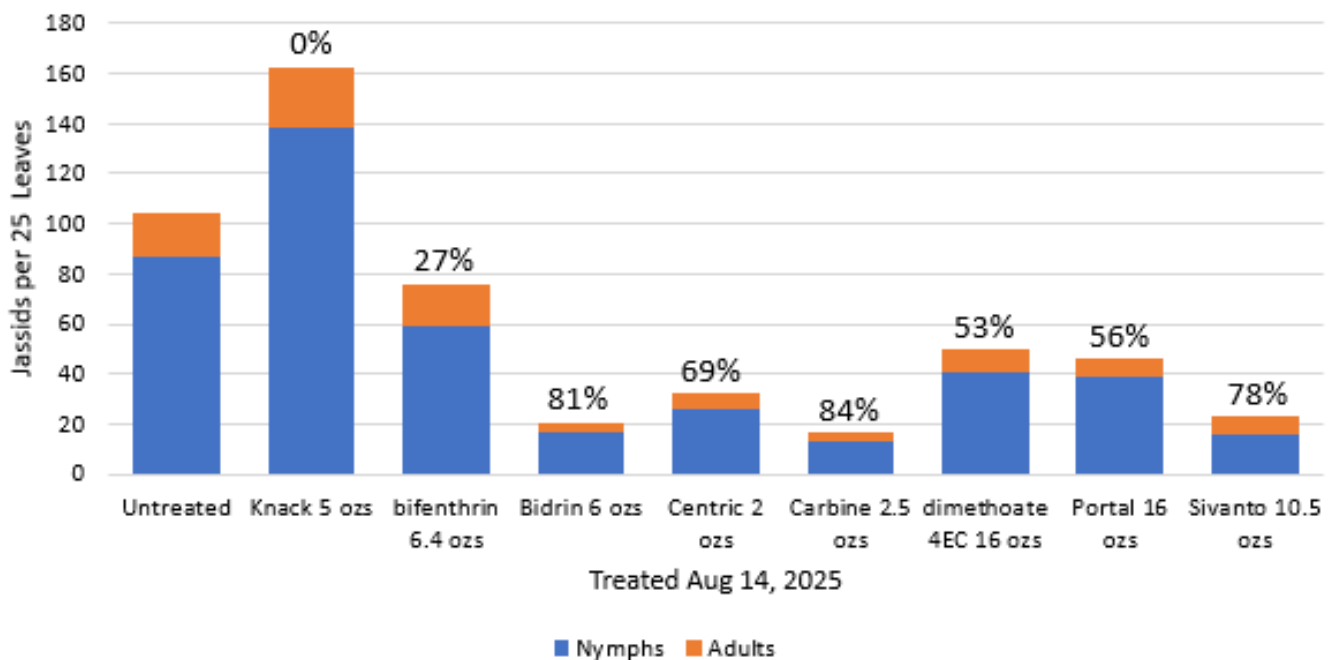
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Brooks County Trials: Agent Jacob Kalina

Percent Control 4 DAT

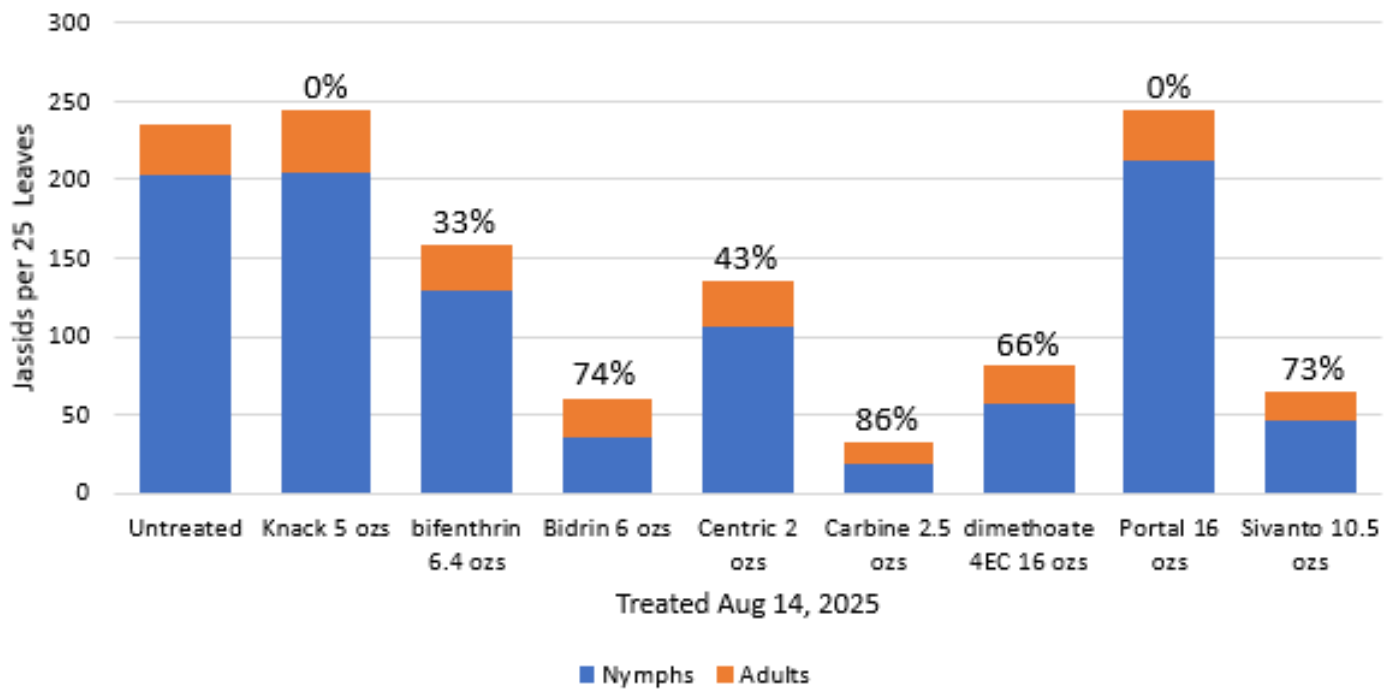


Percent Control 7 DAT



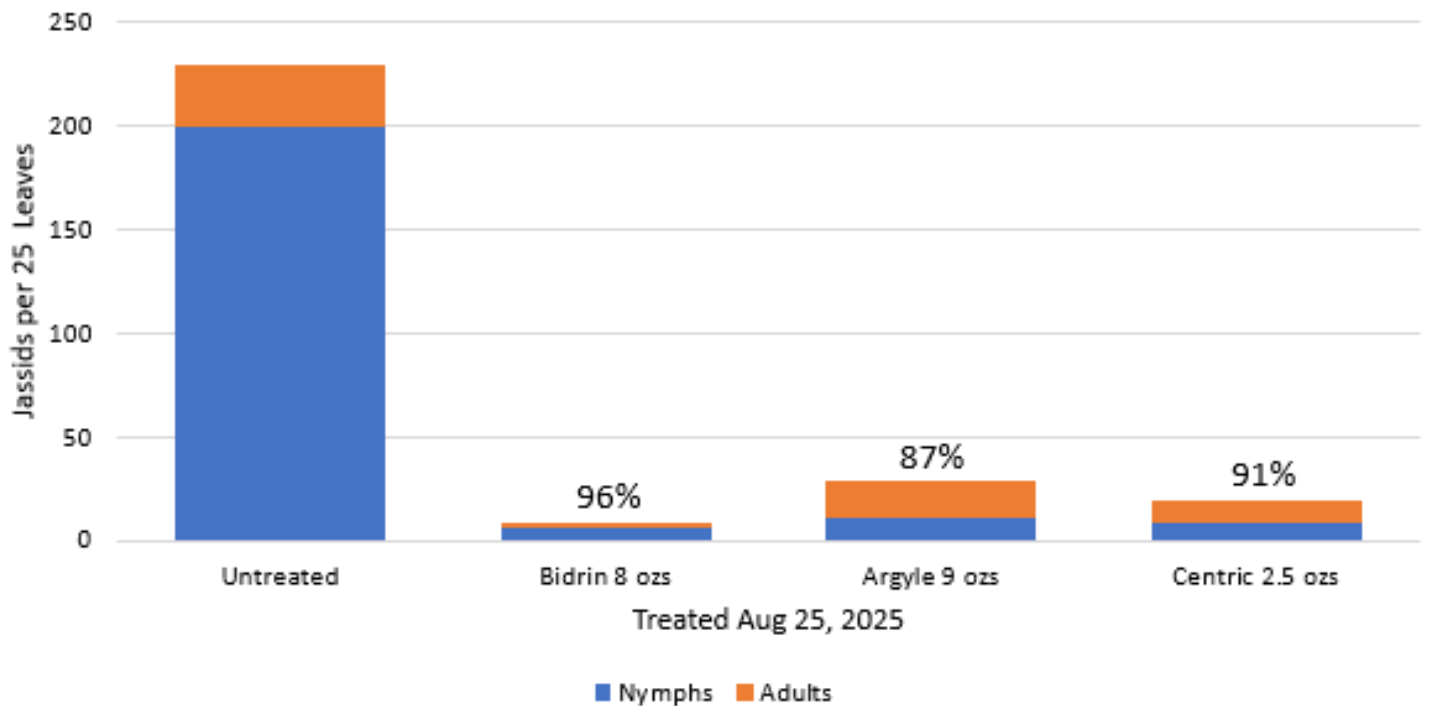
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Percent Control 14 DAT



Brooks County Strip Trial

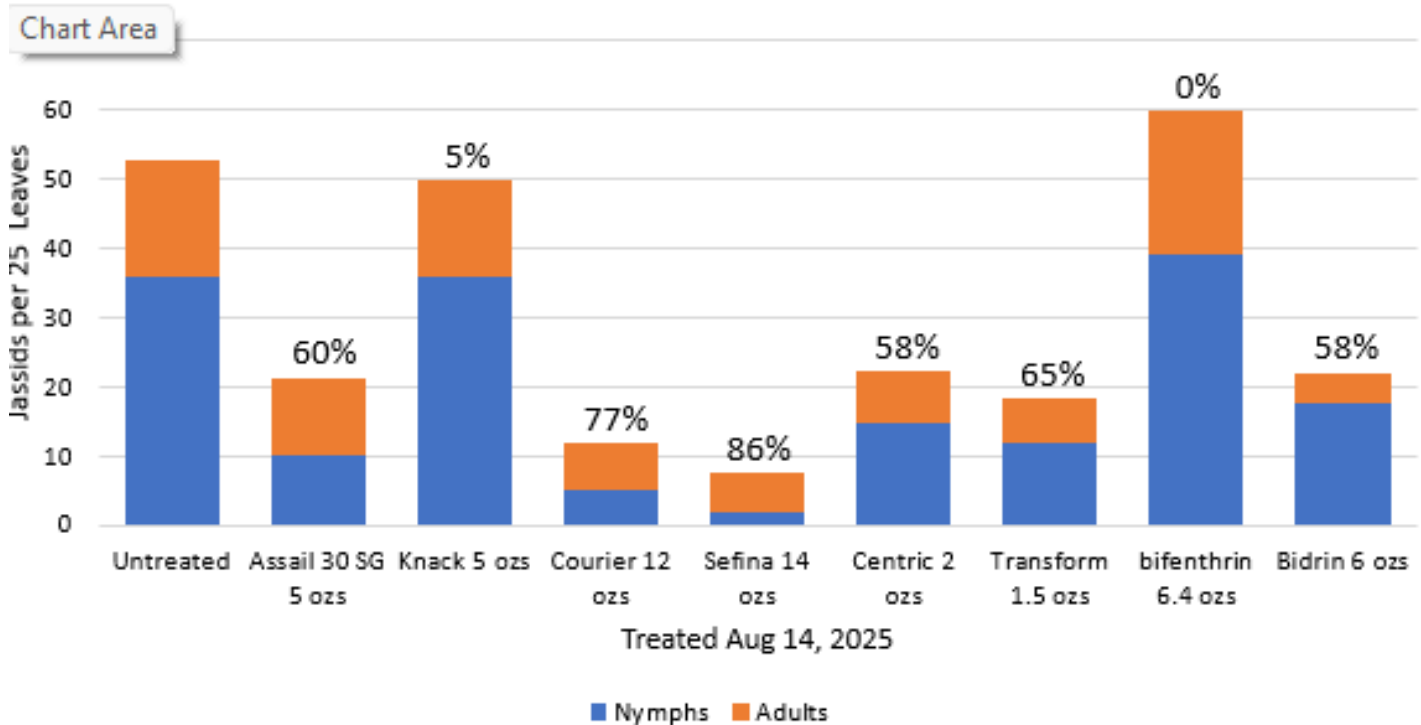
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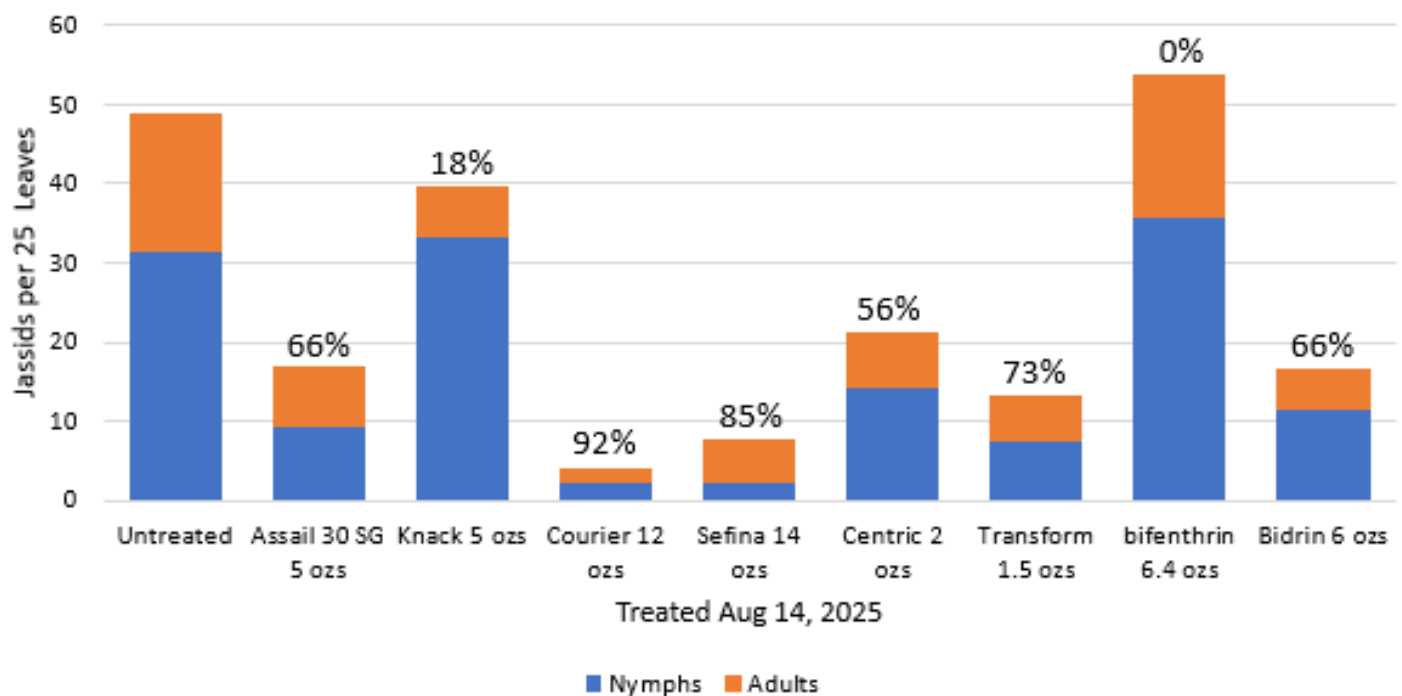
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Colquitt County Trials: Agent Jeremy Kichler

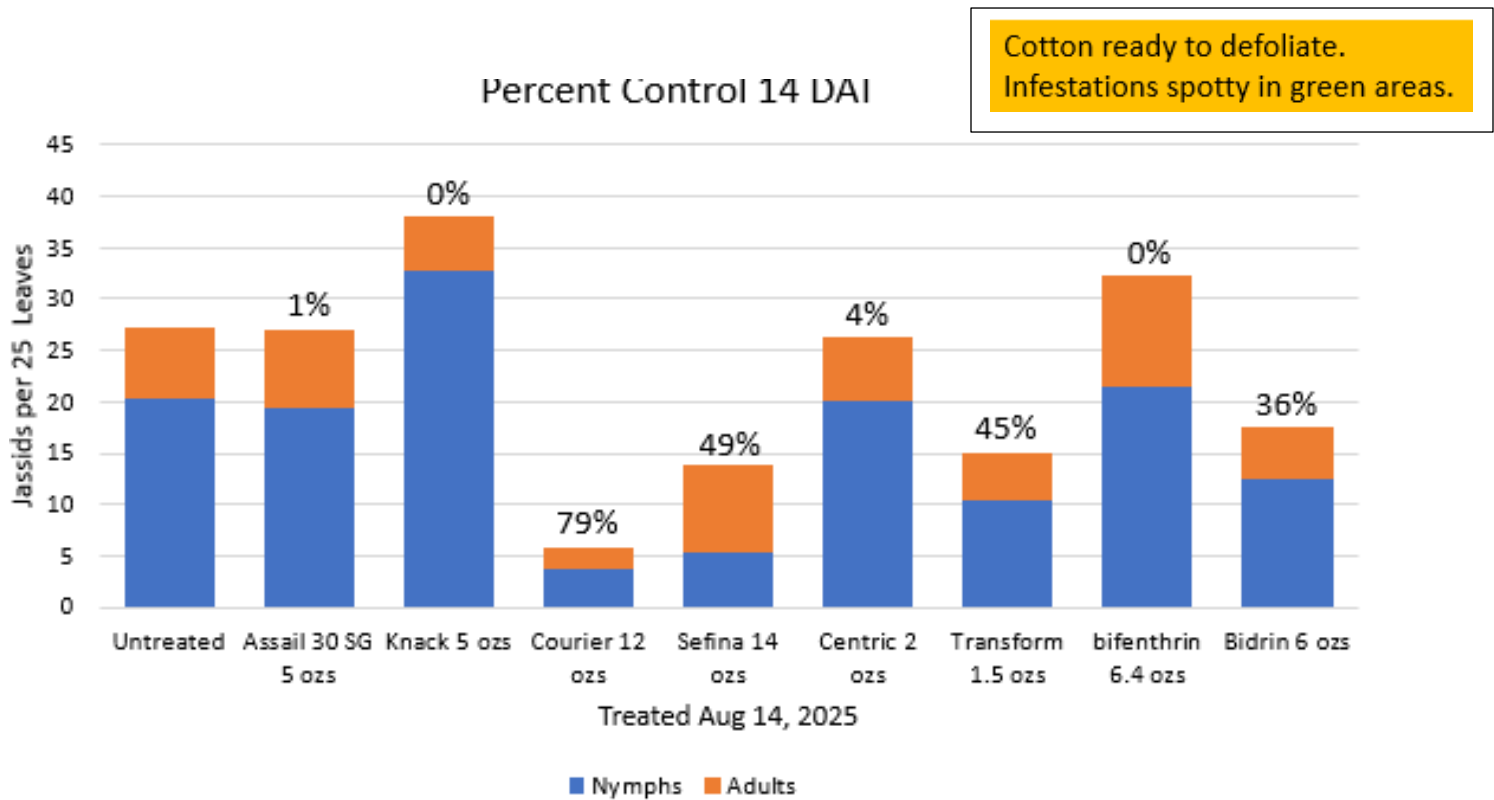
Percent Control 4 DAT



Percent Control 7 DAT



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Extension Value added services:

There are several resources your county agent has access to for assisting the public:

- **SpotOn Digital Sprayer Calibrator & nozzle cleaner tool** - Accurate flow rate checking of individual sprayer nozzles.
 - **Fertilizer Spinner-Disc Spreader Calibration** - spread pattern testing of fertilizer spreaders.
 - **Hay Moisture Tester** – Evaluation and assessment of hay to bale at optimum moisture content - decrease mold growth and increase feed value. Test baled or unbaled (in field)
 - **Forced Motor Planter Calibration** – at-plant insecticide hopper box calibrations. Potential benefits: increase insecticide application efficacy with the appropriate and effective application of product label and recommended control rate. Decrease
 - **Mobile Irrigation Lab** – Pivot efficiency evaluation/Irrigation audits to support water conservation and decrease irrigation costs.
 - **Harvest Moisture Testing** – Corn and soybean moisture testing to decrease drying time and fuel costs.
 - **Enviroscape Watershed Model** - Environmental education programming tool. Interactive demonstration of the sources and effects of water pollution. Present and illustrate watershed/stormwater concept.
 - **Rainfall Simulator Tabletop Educational Program tool** -

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- **Digital wind meter educational tool** – Anemometer measures wind speed to support safe pesticide applications and reduce drift.
- **Pivot Calibrations**
- **Drone imagery/scouting**

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