



# ARIZONA COTTON GROWERS

Adam Hatley, President | Jadee Rohner, Executive Director

## MONTHLY NEWSLETTER

### JULY 2024



## UPCOMING DATES

- JULY 11: INSECT RESISTANCE MANAGEMENT FOCUS GROUP-YUMA, AZ
- JULY 11 & 12: AZFB LEADERSHIP CONFERENCE →
- JULY 16: COTTON & COFFEE ZOOM-7:30AM CENTRAL- →
- JULY 17: PIMA GRADE STANDARDS GUIDE BOX REVIEW AND STANDARDS MATCHING →
- JULY 27: AVA ALCAIDA CELEBRATION OF LIFE →
- AUGUST 7: CROP UPDATE EXTENSION MTG- PARKER, AZ

## INDUSTRY INFORMATION

### ANNUAL MEETING RECAP

JADEE ROHNER  
Executive Director



### COTTON SEED BUG RESEARCH UPDATE

GABRIEL ZILNIK &  
JAMES HEPLER  
USDA-ARS Maricopa, AZ



## NOTICES

RESEARCH REQUEST FOR PROPOSAL

TRANSITION IN LEADERSHIP: A NEW ERA FOR ARIZONA GRAIN RESEARCH AND PROMOTION COUNCIL

UNIVERSITY OF AZ IRRIGATION SURVEY

JUNE 2024 USDA COTTON ACREAGE REPORT

RAINMAKER SPONSOR:





## ANNUAL MEETING RECAP

The 2024 Annual Arizona Cotton Industry Meeting was held at Poco Diablo in Sedona on June 12 & 13 with a record breaking 188 registered attendees.

Wednesday started with a warm afternoon of golf at the Oak Creek Country Club, the picturesque backdrop at each hole made the heat bearable as each team finished some under and over par. Congratulations to:

### 1st Place 2 Man Team

Bob Reeves & Kris VanderMaarl; *Score: 58*

### 2nd Place 2 Man Team

Richard VanLeeuwen & Brett Vander Schaaf; *Score: 60*

### Winners of the 4 Man Blind Draw

Jacob Thomas, Joe Castillo, Bob Reeves, & Kris VanderMaarl; *Combined Score: 139*

### 2nd Place 4 Man Team in Scorecard Playoff

Brinton Colburn, Tucker Knight, Greg & Lorelee Wuertz; *Combined Score: 144*

Thursday proved to be an informative day with high quality speakers updating growers and industry leaders on a variety of topics including water issues, policy change, market trends and emerging technology.

- Luke Bayci, Handwerker-Winburne Inc.
- Brinton Colburn, Foothills Bank
- Dr. Jody Campiche, National Cotton Council
- Richard Lindsey, National Cotton Ginners Association
- Richard Van Leeuwen, Western Milling Inc.
- Morgan Klenke, Az Crop Research/Protection Council
- Derek Whitelock, USDA-ARS SW Cotton Ginning Lab
- Jason Thompson, Supima
- Dan Jones, Salmon, Lewis & Weldon, P.L.C.
- Patrick Bray, Arizona Farm & Ranch Group
- William Gillon, Cotton Board

We'd like to thank all speakers, attendees and sponsors of the 2024 Annual Arizona Cotton Industry Meeting for participating in this tradition of education and leadership in the cotton industry. Poco Diablo may not have been ready for the size of our group this year, but they will be next year! **Save the Date: June 11 & 12, 2025**



*Annual ACGA Golf Classic- Dan Pacheco, Luke Bayci, Patrick Pacheco & Tony Salcido*



*Wednesday Evening, Hosted Reception & Barbeque Dinner*



*Brinton Colburn, Ag Industry Specialist presenting an Agriculture Outlook.*



## Cultivating Success with **Arizona Farmers.**



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understands the unique challenges Arizona farmers face.

Our specialized team offers customized financial solutions to address seasonality, technological advancements, labor demands and regulatory changes.

Whether expanding acreage, investing in equipment or navigating market fluctuations, we provide the expertise to help you succeed.

## Let's Grow **Together.**

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## COTTON SEED BUG RESEARCH UPDATE

Cotton seed bug, *Oxycarenus hyalinipennis* (Fig 1), is a globally significant pest of cotton and other malvaceous crops that has recently become established in urban areas of Southern CA. It feeds on developing and mature cotton seeds in open bolls, resulting in reduced seed weight, oil content, and germination. Additionally, lint staining may occur when cotton seed bugs are crushed during the ginning process. Cotton seed bug has the potential to complete 4-7 generations per year when suitable host plants are available. Our collaborators at UC Riverside have been maintaining a colony in quarantine in Riverside, CA for over a year. These insects have come from collections on ornamental plants around Southern California. At present, no surveys have detected cotton seed bug in cotton in CA, but it has been found within 100 miles of cotton growing regions.



Figure 1. Cotton seed bug adult. Photo credit: Mike Lewis, UC Riverside.

Over the past 9 months we have been assessing the potential of products registered for use in AZ and CA cotton. Adult cotton seed bugs were exposed to dried residues of these compounds within 24 hours of application at the maximum labeled field rate. We looked at 24- and 48-hour mortality (Fig 2). Broad-spectrum options like Acephate and Warrior (lambda-cyhalothrin) yielded 100% mortality within 48 hours. However, to protect our predators, fully

selective or partially selective products should be preferred. Of these options, we found Transform (sulfoxaflor), Sivanto (flupyradifurone), Assail (Acetamiprid), Venom (Dinotefuran), and Centric (Thiamethoxam) to cause 100% mortality at 48 hours. If Plinazolin (Isocloseram) receives EPA approval, this would be another partially selective option for growers. Sivanto and Transform are fully selective and preserve natural enemies of whiteflies and lygus that would likely also prey on cotton seed bug, should it arrive in AZ or CA cotton.

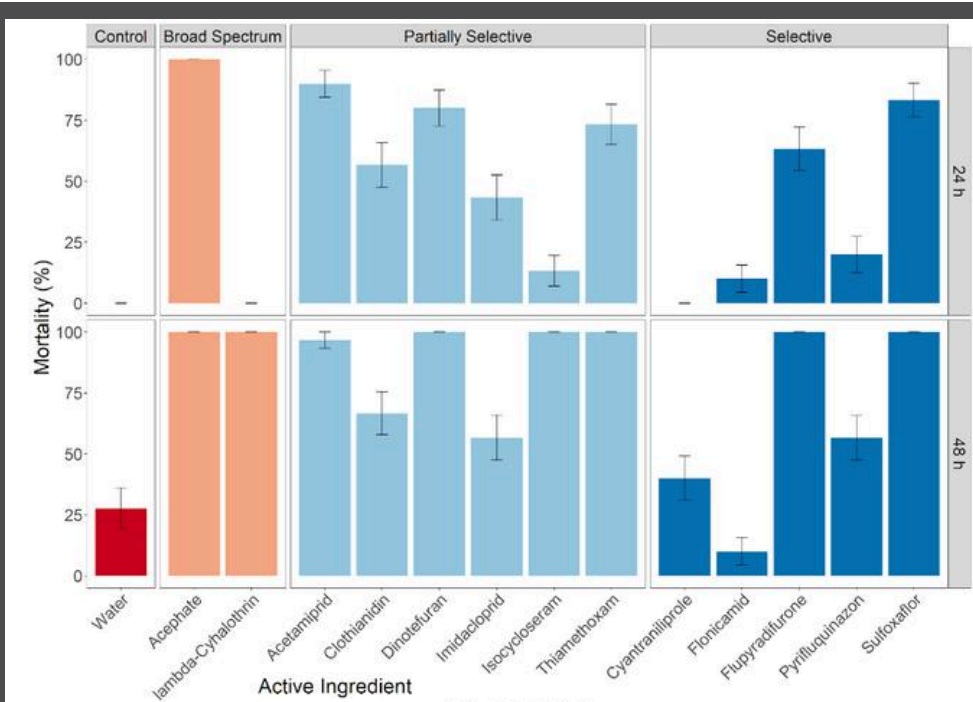


Figure 2. Active ingredients tested in contact trials against cotton seed bug. Several partially selective and fully selective products show promise at maximum field rates.



## RESEARCH REQUEST FOR PROPOSAL

The Arizona Cotton Growers Association State Support Committee is calling for research proposals for the 2025 Funding Year (Jan 1 to Dec 31, 2025), funding under the Cotton Incorporated State Support Program to benefit the Arizona Cotton Industry.

Water will always remain a key focus for our industry. To the right are the additional research topics (listed in order of priority) considered most crucial for the Arizona cotton industry currently. The ACGA has outlined the top five research topics deemed essential for the Az Cotton industry presently. While the Committee emphasizes these priorities, they are open to proposals that introduce new and inventive ideas, even if they do not directly align with the established priorities. The deadline for receipt of proposals is 5pm (close of business day) on Monday, August 12, 2024. This is a firm deadline. For additional information contact Jadee Rohner at [jrohner@azcottongrowers.com](mailto:jrohner@azcottongrowers.com).



## TRANSITION IN LEADERSHIP: A NEW ERA FOR ARIZONA GRAIN RESEARCH AND PROMOTION COUNCIL

The Arizona Grain Research and Promotion Council (AGRPC) is entering a new chapter as Dr. Al Simons, Executive Director, concludes his long-standing tenure with his retirement June 2024. Al has been a steadfast advocate for Arizona's grain growers, passionately championing the industry locally, nationally, and globally for 29 years. His collaborative work with U.S. Wheat Associates has been pivotal in hosting trade teams, supporting growers, and representing the Council. Al's guidance and dedication during challenging periods, such as the Karnal bunt issue and financial obstacles, have been invaluable. He has also been instrumental in selecting and backing research initiatives and raising awareness about Arizona agriculture. Moving forward, the Arizona Cotton Growers Association will engage administrative services through a new Executive Director, Jadee Rohner. Jadee is eager to carry on Al's legacy, collaborating closely with AGRPC members and Chairman Richard Heiden to ensure the industry's sustainability. She is committed to advancing education, research, and support for producers. Jadee is confident in her ability to maintain each organization, invest the time and effort for their continued success, and build upon the solid foundation.

To stay up-to-date with the AGRPC visit their [website](#) and/or follow them on [Facebook](#).



*Dr. Al Simons*  
2024-2025 Wheat Foods  
Council Meeting





## UNIVERSITY OF AZ IRRIGATION SURVEY

On behalf of the University of Arizona, please take a few moments to complete a survey on the use of pressurized irrigation systems, irrigation scheduling models or phone apps, and soil moisture sensors. Their goal is to understand producers current practices and gauge whether they'd consider expanding these advanced methods across more areas of the farm. Thus far the surveys submitted have provided incredibly valuable insights that will be shared with growers at events.

Additionally the data collected will guide them in developing research, resources, and extension programs that directly address producer needs. By sharing your experiences and preferences, you help shape the future of agriculture in Arizona.

[Click here to complete the Survey.](#)



## JUNE 2024 USDA COTTON ACREAGE REPORT

On Friday, June 28th the USDA released its annual Acreage report. The report estimates planted acreage of principal crops based on producer surveys conducted in the first two weeks of June.

According to USDA, all cotton planted area for 2024 is estimated at 11.7 million acres, up 14 percent from last year. Upland area is estimated at 11.5 million acres, up 14 percent from 2023. American Pima area is estimated at 182,000 acres, up 24 percent from 2023. The significant increase in upland cotton is suspected to largely be due to improved drought conditions in Texas.

Note the projected 18 percent increase in Arizona acreage, with an increase in upland cotton versus pima cotton.

[View the complete report here.](#)

Cotton Area Planted and Harvested by Type – States and United States: 2023 and 2024  
[Blank data cells indicate estimation period has not yet begun]

Type and State	Area planted		Area harvested
	2023 (1,000 acres)	2024 (1,000 acres)	2023 (1,000 acres)
<b>Upland</b>			
Alabama	380.0	450.0	374.0
Arizona	76.0	100.0	75.0
Arkansas	510.0	670.0	505.0
California	13.0	18.0	12.8
Florida	89.0	90.0	87.0
Georgia	1,110.0	1,100.0	1,100.0
Kansas	112.0	110.0	94.0
Louisiana	120.0	120.0	115.0
Mississippi	400.0	520.0	395.0
Missouri	335.0	400.0	330.0
New Mexico	32.0	20.0	17.0
North Carolina	380.0	410.0	370.0
Oklahoma	420.0	460.0	180.0
South Carolina	210.0	240.0	207.0
Tennessee	265.0	300.0	260.0
Texas	5,550.0	6,400.0	2,100.0
Virginia	81.0	80.0	80.0
United States	10,083.0	11,488.0	6,301.8
<b>American Pima</b>			
Arizona	16.0	12.0	16.0
California	85.0	130.0	82.0
New Mexico	17.0	10.0	16.8
Texas	29.0	30.0	23.0
United States	147.0	182.0	137.8
<b>All</b>			
Alabama	380.0	450.0	374.0
Arizona	92.0	112.0	91.0
Arkansas	510.0	670.0	505.0
California	98.0	148.0	94.8
Florida	89.0	90.0	87.0
Georgia	1,110.0	1,100.0	1,100.0
Kansas	112.0	110.0	94.0
Louisiana	120.0	120.0	115.0
Mississippi	400.0	520.0	395.0
Missouri	335.0	400.0	330.0
New Mexico	49.0	30.0	33.8
North Carolina	380.0	410.0	370.0
Oklahoma	420.0	460.0	180.0
South Carolina	210.0	240.0	207.0
Tennessee	265.0	300.0	260.0
Texas	5,579.0	6,430.0	2,123.0
Virginia	81.0	80.0	80.0
United States	10,230.0	11,670.0	6,439.6

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