

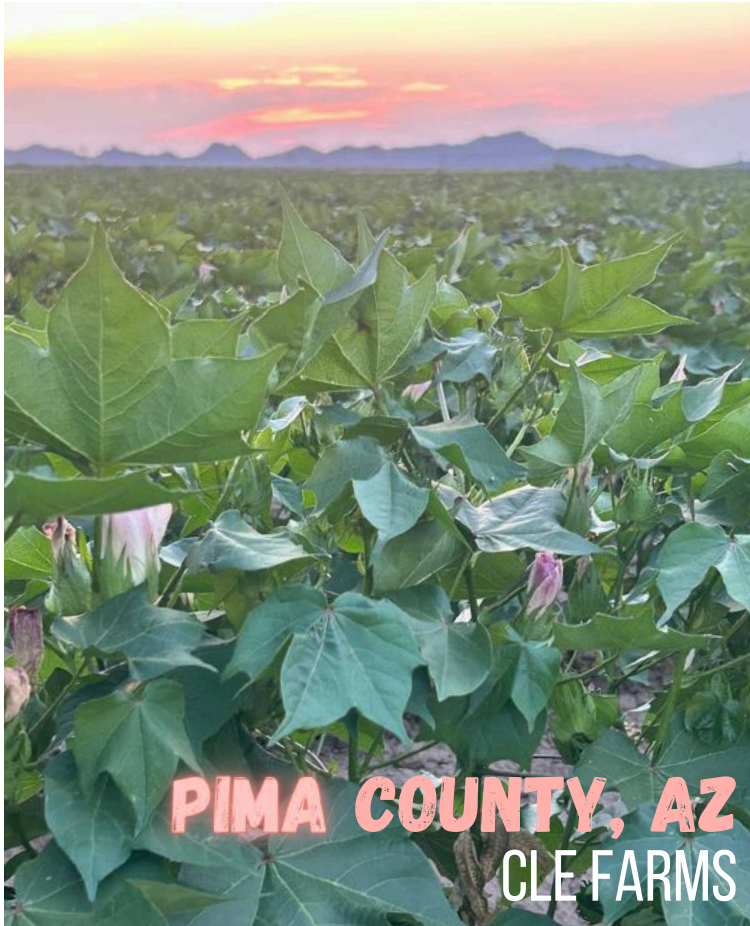


ARIZONA COTTON GROWERS

Adam Hatley, President | Jadee Rohner, Executive Director




MONTHLY NEWSLETTER

AUGUST 2024



PIMA COUNTY, AZ
CLE FARMS

UPCOMING DATES

- AUG. 6-8: COTTON BOARD AUGUST MEETING
- AUG. 7: CROP UPDATE EXTENSION MTG- PARKER, AZ
- AUG. 8: COTTON "TENT TALKS"- GOODYEAR, AZ
- AUG. 12: AZ STATE RESEARCH PROPOSALS DUE 
- AUG. 20: COTTON & COFFEE ZOOM-7:30AM CENTRAL- 
- AUG. 20-22: NCC MID-YEAR BOARD
- AUG. 27: 70TH SUPIMA ANNUAL MEETING 
- SEPT. 4: ACGA BOARD MEETING

INDUSTRY INFORMATION

GUIDING WHITEFLY MANAGEMENT DECISIONS WITH PREDATOR THRESHOLDS AND INSECTICIDE SELECTIVITY



DR. PIER & DR. ELLSWORTH
UofA- Cooperative Extension

SUSTAINABLE PRACTICES: U.S. COTTON GROWERS' COMMITMENT TO WATER CONSERVATION



U.S. Cotton Trust Protocol

NOTICES

UNIVERSITY OF AZ
IRRIGATION SURVEY

RESEARCH REQUEST FOR
PROPOSAL

RAINMAKER SPONSOR: **DENALI**



SUSTAINABLE PRACTICES: U.S. COTTON GROWERS' COMMITMENT TO WATER CONSERVATION

World Water Week in August serves as a reminder of the need for water conservation and sustainable water management. U.S. Cotton Trust Protocol growers are continuing to make progress using innovative precision agriculture and irrigation techniques to improve water consumption while maintaining high-quality cotton production.

Notably, over 90% of Trust Protocol growers incorporate precision technology into their operations, reflecting their commitment to sustainability. As a result, Protocol growers have achieved a 14% increase in water use efficiency compared to the 2015 baseline, closing in on the 2025 National Goal to increase efficiency by 18%.

Protocol growers are also spearheading conservation and innovation through their participation in the Climate Smart Cotton Program. The program gives growers an opportunity to receive financial risk share for implementing conservation practices like cover crops, no till or strip till, or nutrient management plans. These practices play a vital role in reducing soil loss, increasing water use efficiency, and lowering emissions.

The Trust Protocol is the voluntary sustainability program for U.S. cotton growers and traceability platform for all U.S. Cotton. It is the only system that provides quantifiable, verifiable goals and



U.S. COTTON
TRUST PROTOCOL®
Trust in a smarter cotton future

measurement and drives continuous improvement in six key sustainability metrics – land use, soil carbon, water management, soil loss, greenhouse gas emissions, and energy efficiency. By participating, growers receive field-level insights to enhance their farming operations, save money, and improve efficiency.

Enrollment in the Trust Protocol and applications for the Climate Smart Cotton Program will open again in early 2025. Current Level 1 Climate Smart growers can now apply for Level 2.

Visit TrustUSCotton.org to learn more



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.](#)



AUGUST
2024

ARIZONA COTTON GROWERS



WWW.AZCOTTONGROWERS.ORG

DENALI



Imperial Western Products (IWP) is a broadly diversified corporation that started as a small commodities trader in Coachella, California in 1966. In May 2022, IWP was acquired by Denali, which now has the capabilities to collect agricultural and food waste nationwide.

IWP's Coachella and Goodyear facilities handle hundreds of thousands of tons of agricultural waste each year, including cotton seed, bakery waste, and used cooking oil. Cotton seed and bakery waste are converted into cattle feed, while used cooking oil is refined into biodiesel.

Last year, Denali's Coachella facility produced over 33,000 tons of bakery and cotton seed animal feeds, most of which was supplied to California, Arizona & Texas dairy farms. The facility also converted used cooking oil into over 10 million gallons of biodiesel.

In short, Imperial Western Products a Denali Company is a leading company in the sustainable waste management industry. Its Coachella, Arizona & Texas facilities are a key part of Denali's nationwide network for collecting agricultural and food waste and converting it into valuable products such as animal feed and biodiesel.

NEWSLETTER SPONSOR: DENALI





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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.

2025 PRIORITIES

1. Herbicide Resistance
2. Insect Control
3. Cotton Production
4. Soil Health
5. Seed Vigor & Viability

GUIDING WHITEFLY MANAGEMENT DECISIONS WITH PREDATOR THRESHOLDS AND INSECTICIDE SELECTIVITY

Natural enemies are crucial for pest management throughout the cotton season. They can effectively hold whiteflies in check when their numbers are sufficient. There are six key predators cotton growers and PCAs need to consider: big-eyed bugs, Collops beetles, crab spiders, lacewing larvae, minute pirate bugs, and Drapetis flies. Biological control is most effective when chemical controls are carefully selected to conserve key predator groups. When a spray is required, choose insecticides with care. The use of non-selective insecticides can lead to secondary pest outbreaks, such as mites, whereas selective insecticides are safe for beneficials and other non-targets. It is critical not to underestimate the importance of selectivity in conserving natural enemies and the utility of predator thresholds to guide whitefly management decisions. By understanding and promoting these natural predators, cotton growers can effectively manage whitefly and other pest populations, reducing the need for chemical interventions.

The University of Arizona Cooperative Extension, Arizona Pest Management Center, has developed several short publications with information on the use of whitefly predator thresholds and insecticide selectivity:

Cotton Insecticide Use Guide: Knowing and Balancing Risks

- <http://hdl.handle.net/10150/670916>

Integrating Chemical & Biological Control in Cotton

- <https://repository.arizona.edu/handle/10150/665531>

