

GET IN THE BAG! SWEEP-NET TRAINING

Friday, July 14th / 7am—9am

Location: Grower Field

Laguna Dam Road (7E) & County 8th Street, Yuma, AZ, 85365

Google Map Directions: <https://goo.gl/maps/SUyNmVH4gQHbrU457>

Description: Sweep-nets are a common tool Pest Control Advisors use to scout cotton and alfalfa fields for insect pests and beneficials. We will meet at a farm, discuss various scouting techniques, and experienced alfalfa and cotton Extension Specialists will conduct hands-on training. Participants will be required to successfully demonstrate competency with sweep net collection, and reference publications written by workshop instructors, to determine the threshold for different chemistry selections. Additionally, product updates and novel methods of pest control will be discussed by two industry representatives.

6:50 AM – 7:00 AM

Registration

7:00 AM – 8:00 AM

Title: Cotton IPM Refresher & New Control Options

Dr. Peter Ellsworth, *Full Specialist / Professor, IPM Coordinator & Director, Arizona Pest Management Center University of Arizona Department of Entomology Maricopa Agricultural Center.*

8:00 AM – 8:30 AM

Title: IPM Aspects of Alfalfa in the Low Desert

Dr. Ayman Mostafa, *Interim Director of Maricopa County Cooperative Extension, Area Programmatic Agent & Regional Specialist, Forage and Small Grain IPM.*

8:30 AM – 8:45 AM

Title: BASF IPM Solutions for Desert Field Crops

Jeff Boydston, *Native Arizonan, graduated from ASU in 1978 with a BS in Agriculture Industry,. Started as a PCA with Wilbur Ellis and then BASF.*

Jose Cabrera, *Fourteen (14) years with Syngenta, Helena Agri-Enterprises for four years, joined BASF as Technical Services Representative role for Coastal CA & AZ.*

8:45 AM – 9:00 AM

Title: Proper Adjuvant Selection for a Successful SUPPRESS Application

Macey Keith, *graduated from the University of Arizona in 2017 with a bachelor's degree in Agronomy. She interned at the University of Arizona Extension focusing on Cotton IPM and earned her AZ IPM license in 2018. She has been a product rep for San Agro for 3 years, specializing in organic production products.*

[RSVP link to our Eventbrite page](#)

For any questions, contact Robert Masson, masson@arizona.edu.

URBAN AG HOUR

The Urban Ag Hour is a **monthly initiative** hosted by the University of Arizona Cooperative Extension's Urban Agriculture Production, Small-Scale, and Beginning Farmer Program in collaboration with the USDA-Natural Resources Conservation Service (NRCS) and Farm Service Agency (FSA). Participants will gain knowledge specific to small-scale and urban farming, while having an opportunity to connect with service providers, Extension expertise and other farmers in attendance!

When: Wednesday, July 26, 2023 / 10AM - 11AM

Where: Via Zoom! [Register on Eventbrite](#) for a "ticket" and receive the Zoom information to your email

Topics: Small farm business planning and business structures &
Eligibility and application process for USDA-NRCS EQIP Program

Speakers: **Russell Tronstad**, *Economy Extension Specialist,*
UArizona Cooperative Extension &
Jason Kepler, *USDA-NRCS*

Who: Should attend - Growers, especially urban, small-scale and beginners, ag professionals, Ag industry representatives, relevant government representatives, and anyone interested in agriculture in Arizona

COTTON ADVISORY

- Crop vigor levels are generally good for cotton fields in most parts of Arizona. Fields are progressing through the fruiting cycle; however crop maturity or stage of development is behind, overall, due to the less-than-normal accumulative Heat Units. Crops experience some Heat Stress (HS), mostly Level 1 (L1), in many of the production regions across the state.
- The Cotton Heat Stress Update Report are available at the following link: <https://viz.datascience.arizona.edu/azmet/azmet-cotton-heat-stress/>. Here is a link to University of Arizona Cooperative Extension publication on Cotton Heat Stress <https://cals.arizona.edu/AZMET/az1448.pdf>.
- Crop maturity or stage of development over the fruiting cycle can be estimated by counting the number of nodes above the top (first position) white flower to the plant terminal (NAWF, refer to UA guidelines). For example, at first bloom it is best to find 9-11 NAWF, 8-9 at early bloom, and 6-8 at peak bloom. When the average NAWF measurements hit 5 or less, it is a strong indication that the crop is moving into the last part of first fruiting cycle. Cut-out results in a hiatus in flowering at the end of the primary fruiting cycle, followed by a resurgence in vegetative growth and later fruit development. With the increased humidity, heat, and/or rains that many areas are expecting, it will be important to watch out for excessive vegetative growth and/or a possible drop in fruit retention.
- Consult UA CE publication for N management for cotton https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1200-2015_0.pdf, and reference to FR & HNR levels in relation to stage of growth and heat units accumulated after planting (HUAP) <https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1207-2015.pdf> and <https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1218-2015.pdf>.



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AZMET UPDATES

As you likely have heard, there have been numerous changes happening with **AZMet**, or the [Arizona Meteorological Network](#). Retirements of long-time staff and new staff coming onboard, combined with new technologies to gather, store, and access station data, are making it the right time to modernize the network, optimize its reliability, and enhance its online content. What isn't changing is our goal to collect high-quality data and deliver valuable information products that you've come to rely on.

While we continue to renovate the network and build a new desktop- and mobile-friendly website, you may notice a few minor changes on the [legacy website](#). Take the [cotton information products](#), for example. Currently in place of the [weekly advisories](#) typical of past growing seasons are improved versions of new online data tools for what we've heard has been the most valuable advisory information, [heat units](#) in the context of cotton growth stages and cotton [heat stress](#). Although the appearance of this information is different, the underlying data are the same. An extra benefit in this case made possible by new data technologies is that this information now updates daily.

When it comes to presentation of data, we recognize that different people prefer different formats. For the [cotton information products](#), we also are developing summary table formats like the legacy advisories for the new AZMet website. In the meantime, the long-available, station-specific daily summaries in table format continue in their typical places on the legacy website, such as for cotton [heat stress](#).

If you have any questions regarding our modernization efforts or more generally about AZMet, please contact **Jeremy Weiss**, AZMet Program Manager at jlweiss@arizona.edu or 520-621-1319.

LINKS

<https://cals.arizona.edu/azmet/>

<https://cals.arizona.edu/azmet/cotton.htm>

<https://cals.arizona.edu/azmet/cot-adv.htm>

<https://viz.datascience.arizona.edu/azmet/azmet-cotton-heat-units/>

<https://viz.datascience.arizona.edu/azmet/azmet-cotton-heat-stress/>

<https://cals.arizona.edu/azmet/cot-HSrpt.htm>

Job Announcement: ASSISTANT / ASSOCIATE AGENT— UARIZONA COOPERATIVE EXTENSION

The UArizona Cooperative Extension Pima County is hiring a continuing eligible Assistant/Associate Extension Agent to work with a dynamic team of professionals developing and delivering community outreach programs that provide research-based, objective informal agriculture and natural resources education. The primary focus of the position will be to develop and deliver education and assistance to small-scale and urban growers in Pima County, Arizona. In addition, the agent will engage and collaborate with urban food systems work conducted at the Pima County Cooperative Extension (PCCE), The Garden Kitchen, and 4-H farm-focused youth workforce development at PCCE Tucson Village Farm. Please visit UA [Talent req14352](#) to apply.

Job Announcement: CHEMICAL APPLICATOR - UARIZONA MARICOPA AGRICULTURAL CENTER (MAC)

This position will be responsible for care of crop field and will recommend, carry out, apply, and record data for pesticide applications at MAC. The incumbent will be responsible for scouting fields for pests, sampling fields and crops, making recommendations for applications, ordering materials, mixing, and applying, and recording all application and sample data into data systems. Equipment maintenance, mathematical skills, and knowledge of safety procedures are critical to ensure that pesticide applications are conducted correctly and safely.

Additionally, the incumbent will have other tasks such as: scheduling and overseeing a contract labor crew for miscellaneous field work, harvesting hay, operating a small plot cotton gin, and data entry into a computer-based program.

Responsibilities:

- Operates and maintains various application equipment to apply pesticides and fertilizers to fields.
- Scouts fields for pests and makes recommendations for applications.
- Maintains records of applications and sample data to computer system.
- Oversees contract labor crew.
- Occasionally assists with operations of harvesting, cotton gin and other various farm equipment.

[CLICK HERE to for Job Posting, additional details and application.](#)