

Updated AZMet Data Tool for Cotton

AZMet (the Arizona Meteorological Network) has updated its data tool for estimating growth stages based on cumulative Heat Units (Hus). Users can **customize** estimates by selecting an AZMet station and setting dates for planting and the end of the period of interest.

Please try it out at <https://viz.datascience.arizona.edu/azmet/cotton-growth-stages-and-heat-units/>.

If you have any questions about AZMet, please contact:

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Cotton Advisory

- With Early season developmental stages can be predicted using heat unit accumulation after planting (HUAP). First pinhead squares typically develop at approximately 700 HUAP; susceptible squares at approximately 900 HUAP; and first flowers at about 1200 HUAP. Closely monitor soil moisture and avoid water stress.
- Water stress often leads to square abortion. It is important to avoid water stress at this time of year. The first post-plant irrigation for fields planted into moisture is typically applied between 700 & 1200 heat units after planting ([Consult Heat Units accumulation graph for each station](#)) with an optimum window at 800-1000 heat units after planting.

Further reading:

- ⇒ <https://extension.arizona.edu/sites/extension.arizona.edu/files/programs/timing-the-first-post-plant-irrigation-pamphlet.pdf>
- ⇒ https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1220-2014_0.pdf
- ⇒ https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1220s-2017_0.pdf (Spanish version)
- ⇒ <https://acis.cals.arizona.edu/docs/default-source/agricultural-ipm-documents/publications/2015/az1215->



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Annual Arizona Cotton Industry Meeting

You are cordially invited to the Annual Arizona Cotton Industry Meeting. The meeting will be held at a NEW location this year:

- **Poco Diablo Resort in Sedona, Arizona**

The dates are **Wednesday, June 12, 2024 & Thursday, June 13, 2024.**

The **Annual Golf Tournament** benefiting our scholarship fund will begin **Wednesday at Noon**, with registration for the conference beginning **at 3:00 p.m.** for those who have not pre-registered. A **hosted reception and barbecue** on the lawn will be held **Wednesday evening**. Our **Thursday meeting** will begin **at 8:00 a.m. with continental breakfast** available prior to speakers at 7:30 am. Thursday evening, we will have a hosted cocktail hour followed by dinner.

For more information visit <https://www.azcottongrowers.org/annual-meeting>

For further information, please contact:

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