COTTON ADVISORY

WEATHER UPDATE
- High levels of moisture will remain in place through mid-week, providing a chance for showers & thunderstorms each day. Preferred areas for precipitation will be the southeast & central production areas. High pressure will redevelop over the region late this week, resulting in increased temperatures, lower humidity and reduced chances for precipitation. Daytime temperatures will approach 110°F in low desert production areas as this drying trend develops.
- Heat stress lessened in many areas with the arrival of the cooler, humid conditions last week. Some Level 2 stress was registered at selected low desert production areas near the River. Heat stress typically results in reduced levels of fruit retention caused by the abortion of young 3-5 day old bolls.
- Go to [https://www.ag.arizona.edu/azmet/cot-soil.htm](https://www.ag.arizona.edu/azmet/cot-soil.htm) to review local AZMET values.

ESTIMATED WATER USE

<table>
<thead>
<tr>
<th>Planting date:</th>
<th>3/15</th>
<th>4/1</th>
<th>4/15</th>
<th>5/1</th>
<th>5/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use (last wk):</td>
<td>2.12”</td>
<td>2.12”</td>
<td>2”</td>
<td>1.66”</td>
<td>1.32”</td>
</tr>
</tbody>
</table>

HISTORICAL STATISTICS

<table>
<thead>
<tr>
<th>Last Week: Jul 8 - Jul 14</th>
<th>This Week: Jul 15 - Jul 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIGH</td>
<td>LOW</td>
</tr>
<tr>
<td>Recorded</td>
<td>102</td>
</tr>
<tr>
<td>RAIN: Maricopa = .03”</td>
<td>Coolidge = .27”</td>
</tr>
</tbody>
</table>

HEAT STRESS LEVELS

<table>
<thead>
<tr>
<th>Date:</th>
<th>7/8</th>
<th>7/9</th>
<th>7/10</th>
<th>7/11</th>
<th>7/12</th>
<th>7/13</th>
<th>7/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stress:</td>
<td>L1</td>
<td>ns</td>
<td>ns</td>
<td>L1</td>
<td>L1</td>
<td>L1</td>
<td>L1</td>
</tr>
</tbody>
</table>

Key: ns = no stress; L1 = Level 1 Stress; L2 = Level 2 Stress

- Here are this week’s Cotton Advisories for different regions in Central Arizona

  Coolidge / Maricopa / Pinal

CONTACT:

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MARK YOUR CALENDARS!

“TENT TALKS” MEETINGS
SPONSORED BY

COTTON
When: Wednesday, July 25th
Where: John Walker’s Farm, Casa Grande, AZ

6:45am - 7:00 am  Breakfast and Registration
7:00 am - 7:15 am  John Walker  Reduced Tillage Production Systems
7:15 am - 7:45 am  Blase Evancho  Texas Root Rot Control and Cotton Update
7:45 am - 8:15 am  Dr. Peter Ellsworth  Cotton IPM Update
8:15 am - 8:30 am  Karen Geldmacher  Heat Tolerance in Cotton Varieties
8:30 am - 8:45 am  Jeff Boydson  Priaxor Fungicide & Pentia Plant Regulator for Cotton Plant Health
8:45 am - 9:15 am  Dr. Paul Brown  2018 Monsoon and Heat Stress Forecasting

COTTON
When: Thursday, July 26th
Where: Pacheco’s Farm, Marana, AZ

6:45 am - 7:00 am  Breakfast and Registration
7:00 am - 7:30 am  Blase Evancho  Texas Root Rot Control and Cotton Update
7:30 am - 8:00 am  Dr. Paul Brown  2018 Monsoon and Heat Stress Forecasting
8:00 am - 8:15 am  Jeff Boydson  Priaxor Fungicide & Pentia Plant Regulator for Cotton Plant Health
8:15 am - 8:30 am  Karen Geldmacher  Heat Tolerance in Cotton Varieties
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