Insect Update

The cotton season is quickly coming to an end. If a field was at 5 NAWF on August 15 it will soon be insect proof at 450 heat units. The Altus Mesonet site has recorded 357 heat units as September 1. With only 100 heats units remaining and the local forecast showing continuing ninety degree plus temperatures, 450 heat units should be reached in the next week or so. For fields which reached 5 NAWF later than August 15, of course it will take a longer period of time before 450 heat units are obtained. For more discussion on this, see the August 14th edition of Cotton Comments. For more specific information from the Mesonet (to calculate heat units for your location) please click here: [http://www.mesonet.org/index.php/agriculture/degree_day_heat_units](http://www.mesonet.org/index.php/agriculture/degree_day_heat_units) and provide the site information and data for your specific fields.

Moth counts continue to be below the long-term average.

Other Pest News

A new pest of grain sorghum and wheat has been discovered in the Texas Panhandle and South Plains areas. *Sipha maydis*, is an invasive aphid species. Little is known at this time about this pest. Please click below for more information:

New invasive aphid discovered in West Texas and Panhandle areas
<table>
<thead>
<tr>
<th>Location</th>
<th>Date of planting</th>
<th>First Bloom</th>
<th>Plant Stage</th>
<th>Insects</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beckham Irrigated RACE - Damron</td>
<td>June 3</td>
<td>July 26</td>
<td>0.75 NAWF</td>
<td>None Detected</td>
<td>Excellent</td>
</tr>
<tr>
<td>Beckham Irrigated Innovation DEMO - Damron</td>
<td>June 3</td>
<td>July 26</td>
<td>1.90 NAWF</td>
<td>None Detected</td>
<td>Excellent</td>
</tr>
<tr>
<td>Blaine Irrigated X tendFlex Variety - Schantz</td>
<td>June 1</td>
<td>July 24</td>
<td>0 NAWF (Bloom at top)</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Blaine Irrigated Cotton Inc Enhanced Variety - Schantz</td>
<td>June 2</td>
<td>July 23</td>
<td>0 NAWF (Bloom at top)</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Blaine Irrigated Bayer CAP - Schantz</td>
<td>June 1</td>
<td>July 24</td>
<td>0 NAWF (Bloom at top)</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Blaine Irrigated PhytoGen Innovation - Schantz</td>
<td>June 1</td>
<td>July 24</td>
<td>0 NAWF (Bloom at top)</td>
<td>None Detected</td>
<td>Good</td>
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<tr>
<td>Caddo Irrigated OVT – Ft. Cobb Station</td>
<td>June 8</td>
<td></td>
<td>PHENOXY DRIFT</td>
<td></td>
<td></td>
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<tr>
<td>Harmon Irrigated Cotton Inc Enhanced Variety - Cox</td>
<td>May 27</td>
<td>July 20</td>
<td>4.50 NAWF</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Harmon Irrigated Bayer CAP - Horton</td>
<td>June 1</td>
<td>July 28</td>
<td>5.75 NAWF</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Jackson Irrigated RACE - Darby</td>
<td>June 2</td>
<td>July 26</td>
<td>2.75 NAWF</td>
<td>None Detected</td>
<td>Good</td>
</tr>
<tr>
<td>Jackson Irrigated OVT - Altus Station</td>
<td>June 4</td>
<td>July 27</td>
<td>1.25 NAWF</td>
<td>None Detected</td>
<td>Good</td>
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<tr>
<td>Jackson Dryland Race - Abernathy</td>
<td>June 9</td>
<td>July 26</td>
<td>1.50 NAWF</td>
<td>None Detected</td>
<td>Fair</td>
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<tr>
<td>Jackson Irrigated Weed Control Trials - Altus Station</td>
<td>June 4</td>
<td>July 26</td>
<td>1.50 NAWF</td>
<td>None Detected</td>
<td>Good</td>
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<tr>
<td>Jackson - WOSC</td>
<td>June 5</td>
<td>July 25</td>
<td>2.50 NAWF</td>
<td>Few spider mites</td>
<td>Good</td>
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<tr>
<td>Tillman Irrigated RACE - Nichols</td>
<td>June 3</td>
<td>July 26</td>
<td>1.75 NAWF</td>
<td>None Detected</td>
<td>Excellent</td>
</tr>
<tr>
<td>Tillman Dryland RACE - Fischer</td>
<td>June 10</td>
<td>July 28</td>
<td>0 NAWF (Bloom at top)</td>
<td>Grasshoppers</td>
<td>Fair</td>
</tr>
<tr>
<td>Tillman Dryland OVT - Tipton Station</td>
<td>June 10</td>
<td>August 2</td>
<td>0 NAWF (Bloom at top)</td>
<td>Grasshoppers</td>
<td>Fair</td>
</tr>
<tr>
<td>Washita Dryland RACE - Davis</td>
<td>June 3</td>
<td>July 26</td>
<td>0.75 NAWF</td>
<td>None Detected</td>
<td>Good</td>
</tr>
</tbody>
</table>

RACE – Replicated Agronomic Cotton Evaluation Trial (Oklahoma Cooperative Extension)
CAP – Cotton Agronomic Plot (Bayer CropScience)
OVT – Official Variety Trial (Oklahoma Agricultural Experiment Station, Altus, Tipton, Fort Cobb)
2015 NAWF - Irrigated Field Surveys

2015 NAWF - Dryland Field Surveys
Beet armyworm moth

Beet Armyworm Pheromone Trap Catches

- Altus 15 Year Average
- Altus 2015
- Tipton 15 Year Average
- Tipton 2015
- Hollis 15 Year Average
- Hollis 2015

Number per trap
Cotton bollworm moth

Cotton Bollworm Pheromone Trap Catches

- Altus 15 Year Average
- Altus 2015
- Tipton 15 Year Average
- Tipton 2015
- Hollis 15 Year Average
- Hollis 2015

Number per trap

0 25 50 75 100 125

0/7 0/14 0/21 0/28 1/15 1/12 1/19 1/26 2/2 2/9 2/23 3/30 4/6 4/13 4/20 4/27
Tobacco Budworm Pheromone Trap Catches

Tobacco budworm moth
Upcoming Meetings

**September 15th**  – All-Tex/Dyna-Gro Field Day, 9 a.m., 1921 West Avenue, Levelland, TX. Lunch served at noon. Contact Cody Poage, 806-894-4901.

**September 17th**  10:00 a.m.  Americot/NexGen Field Day, Agrisearch Farm, 4 miles west of Edmonson, TX. Contact Jerry Montgomery, 806-577-8011.

**September 22nd**  Carnegie Co-op Gin Fall Tour – Merlin Schantz Farm, Cotton Incorporated Enhanced Variety Trial, Bayer CAP Trial, PhytoGen Innovation Trial, Monsanto XtendFlex Trial.

**September 23rd**  – Jackson County Cotton Tour, irrigated RACE trial Duke (Drew Darby Farm) and dryland RACE near Olustee (Clint Abernathy Farm).

**September 24th**  – Caddo Research Station Tour, peanut and cotton research and industry updates. Hull blasting begins at 4:00 p.m., research tour starts at 5:30 p.m., dinner served after field tour.
   - Peanut Hull Blasting – Maturity Assessment
   - Peanut Breeding and Variety Performance, Kelly Chamberlin and Rebecca Bennet, USDA/ARS
   - Peanut Disease Management, John Damicone, OSU
   - Peanut Weed Management, Todd Baughman, OSU
   - Cotton Agronomy, Variety Performance, and Enlist Cotton, Randy Boman and Shane Osborne, OSU

**September 29th**  – Tillman County Cotton Tour, irrigated RACE trial (Mark Nichols Farm) near Tipton and dryland RACE trial near Hollister (Roger Fischer Farm).

**September 30th**  – Washita/Beckham Counties Cotton Tour, Elk City dryland RACE (Danny Davis Farm) and Delhi irrigated RACE and irrigated PhytoGen Innovation Demonstration (Jack Damron Farm).

**September 30th**  – Bayer CropScience West Texas Field Day, location in the Lubbock area to be determined. Registration begins at 9:30 a.m. For further information contact Doug Cossey, your local Bayer CropScience representative.

**October 1st**  – Harmon County Cotton Tour, Cotton Incorporated Enhanced Variety Trial (Tony Cox Farm) and Bayer CAP Trial (Kelly Horton Farm).

**October 8th**  – Deltapine Field Day, Noon, Steve Chapman Farm near Lorenzo. Contact Eric Best, 806-790-4646.