



Cotton Comments

OSU Southwest Oklahoma Research and Extension Center
Altus, OK



September 2, 2015

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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 heat 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 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](#)



Field Surveys in Oklahoma – Week Ending September 4, 2015.

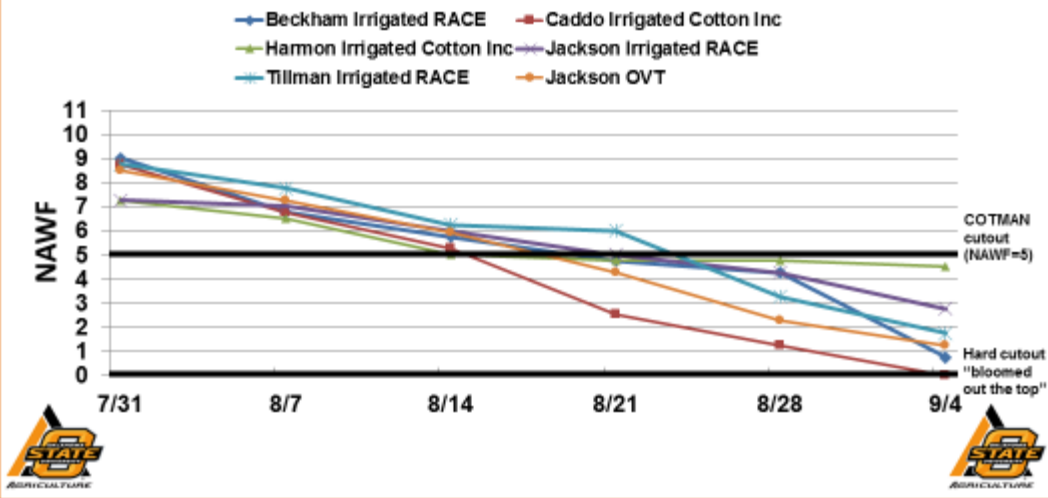
Location	Date of planting	First Bloom	Plant Stage	Insects	Comments
Beckham Irrigated RACE - Damron	June 3	July 26	0.75 NAWF	None Detected	Excellent
Beckham Irrigated Innovation DEMO - Damron	June 3	July 26	1.90 NAWF	None Detected	Excellent
Blaine Irrigated XtendFlex Variety - Schantz	June 1	July 24	0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

RACE – Replicated Agronomic Cotton Evaluation Trial (Oklahoma Cooperative Extension)

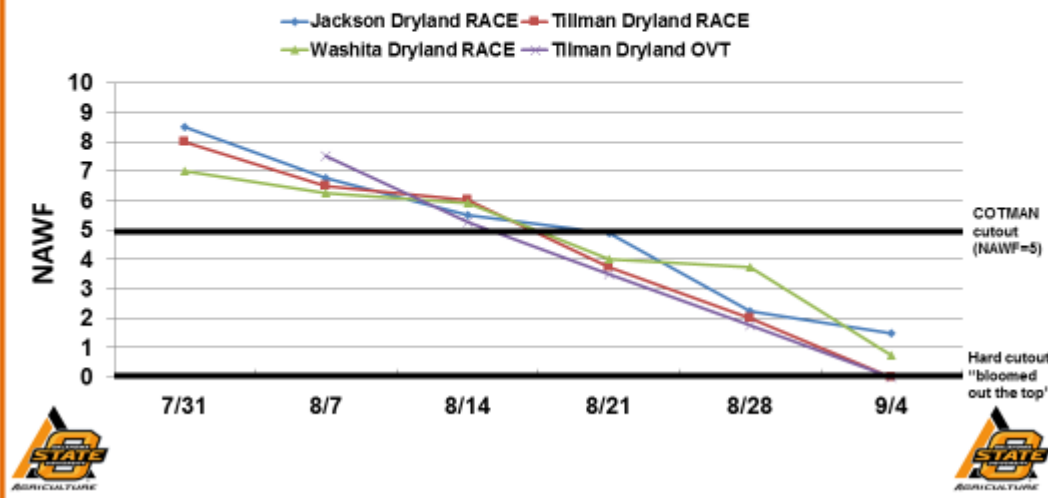
CAP – Cotton Agronomic Plot (Bayer CropScience)

OVT – Official Variety Trial (Oklahoma Agricultural Experiment Station, Altus, Tipton, Fort Cobb)

2015 NAWF - Irrigated Field Surveys

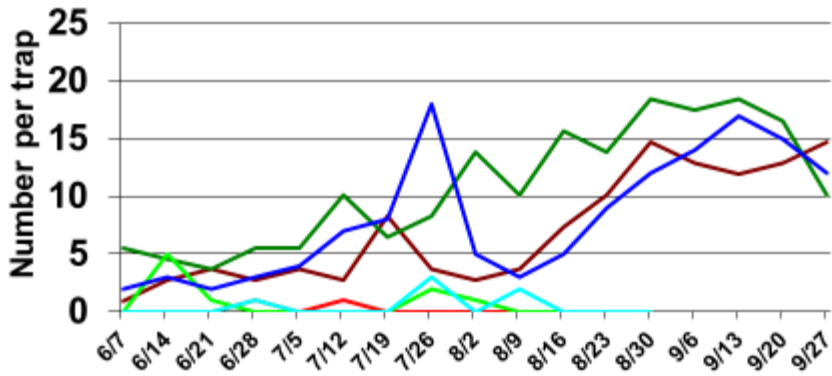


2015 NAWF - Dryland Field Surveys



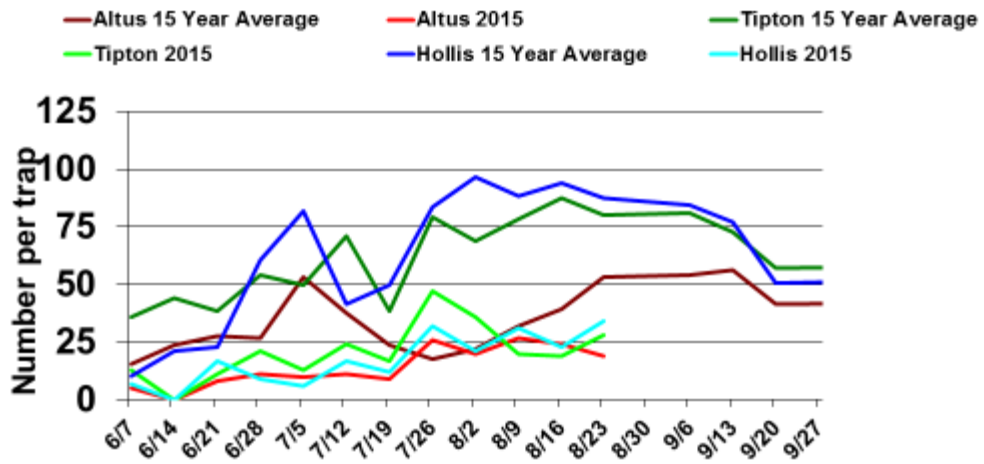
Beet Armyworm Pheromone Trap Catches

— Altus 15 Year Average — Altus 2015 — Tipton 15 Year Average
— Tipton 2015 — Hollis 15 Year Average — Hollis 2015



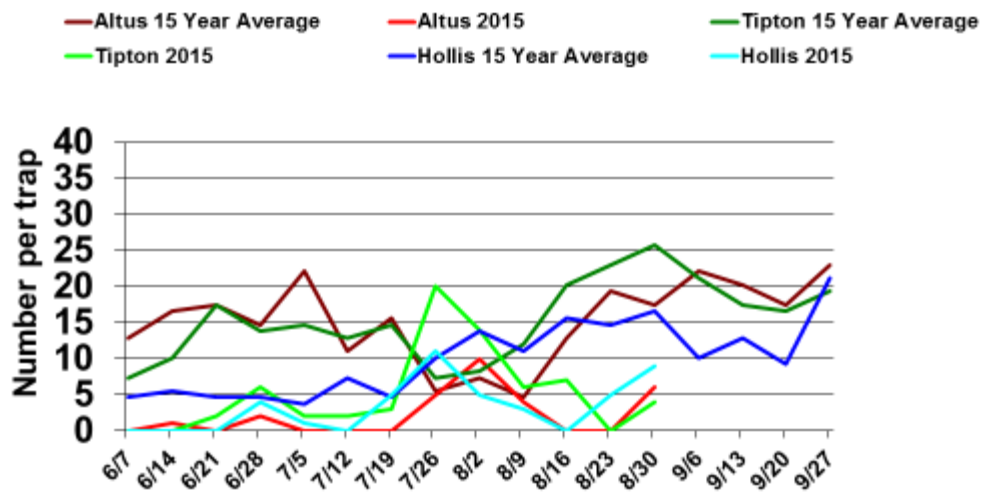
Beet armyworm moth

Cotton Bollworm Pheromone Trap Catches



Cotton bollworm moth

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.

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Editor
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