



Cotton Comments

OSU Southwest Oklahoma Research and Extension Center
Altus, OK



July 28, 2017

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Insect Update

The crop was greatly affected by the past week's weather. Where moisture was not an issue exceptional development occurred. Where moisture was limited the crop stressed. The only concern reported this week was cotton leaf miners. If one has questions about control please call me. Aphids are still present in many fields but beneficial arthropods are keeping them under control. Plants should be watched closely for bollworms for at least the next 14 days. Until a field is insect-safe and terminated, I cannot overstate the importance of weekly scouting.



Jackson County Irrigated PhytoGen Innovation Trial - Abernathy Farm, July 26, 2017

Field Surveys – Week Ending July 28, 2017

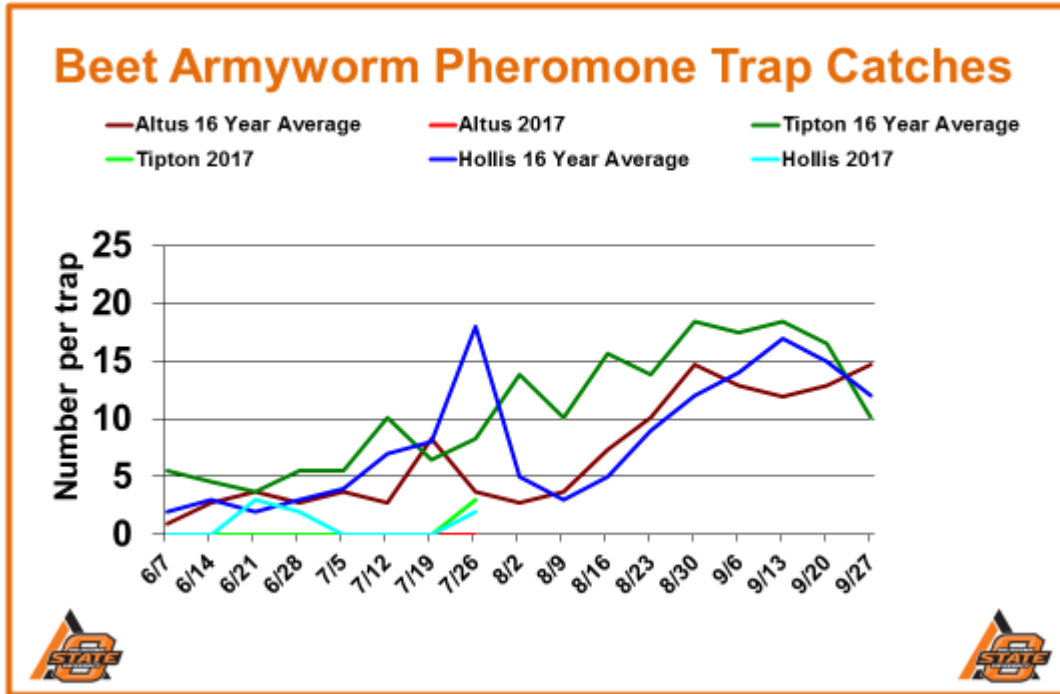
Location	Date of planting	Plant Stage	Insects	Comments
Blaine Irrigated Cotton Inc Enhanced Variety - Schantz	May 26	7.5 NAWF	NONE	GOOD
Blaine Irrigated Dow Innovation - Schantz	May 26	7.75 NAWF	NONE	GOOD
Caddo Irrigated OVT – OSU Caddo Research Station	May 30	7.25 NAWF	NONE	GOOD
Jackson Irrigated DT RACE – Darby	May 15	6.0 NAWF	NONE	GOOD
Jackson Irrigated Bayer CropScience APT	May 24	5.25 NAWF	APHIDS	FAIR
Jackson Irrigated OVT – OSU SWREC	May 24	7.50 NAWF	APHIDS	FAIR
Jackson Dryland DT RACE - Abernathy	June 7	PREBLOOM	NONE	GOOD
Jackson Irrigated Cotton Inc Enhanced Variety - Abernathy	May 9	5.25 NAWF	APHIDS	GOOD
Jackson Irrigated Innovation-Abernathy	May 10	5.75 NAWF	APHIDS	GOOD
Jackson Irrigated PhytoGen Innovation Trial – OSU SWREC	May 24	5.50 NAWF	APHIDS	FAIR
Jackson Irrigated Entomology Trials – OSU SWREC	May 8	5.25 NAWF	APHIDS	FAIR
Tillman Irrigated DT RACE – Nichols	May 12	7.00 NAWF	NONE	GOOD
Tillman Dryland OVT – OSU Tipton Valley Research Center	June 13	PREBLOOM	NONE	FAIR
Tillman Dryland DT RACE - White	June 12	PREBLOOM	NONE	GOOD

DT RACE – Dicamba Tolerant - Replicated Agronomic Cotton Evaluation Trial (Oklahoma Cooperative Extension)

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

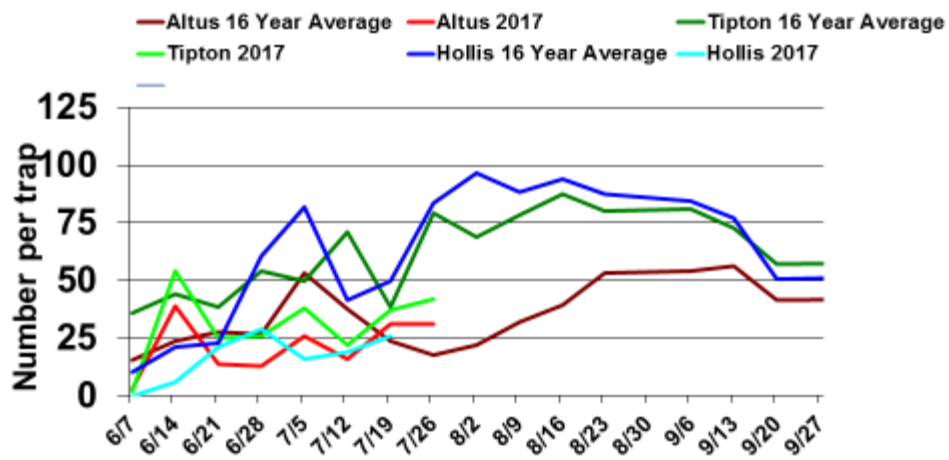
APT – Agronomic Performance Trial

Over the past few growing seasons, moth pheromone trap data indicate that the pressure is considerably lower than what we have historically seen (see moth trap graphs below).



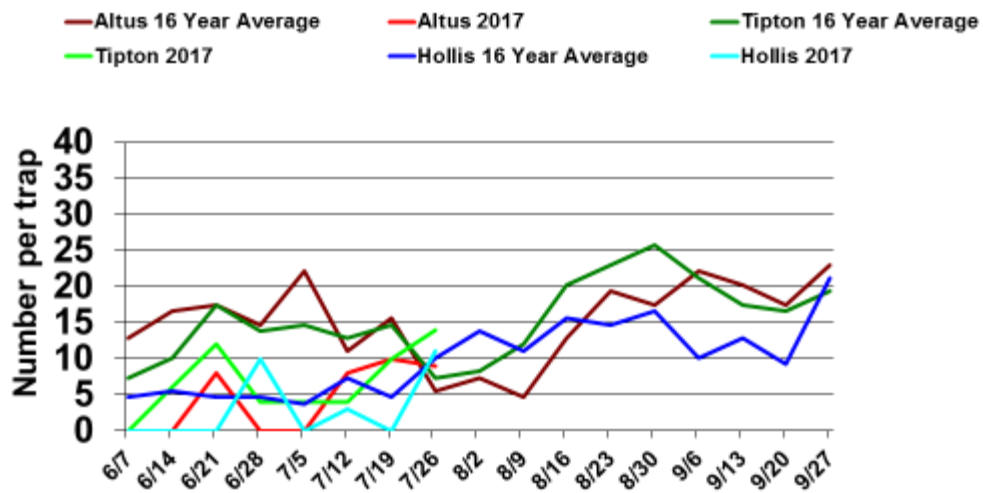
Beet armyworm moth
Photo courtesy of University of Georgia

Cotton Bollworm Pheromone Trap Catches



Cotton bollworm moth
Photo courtesy of University of Georgia

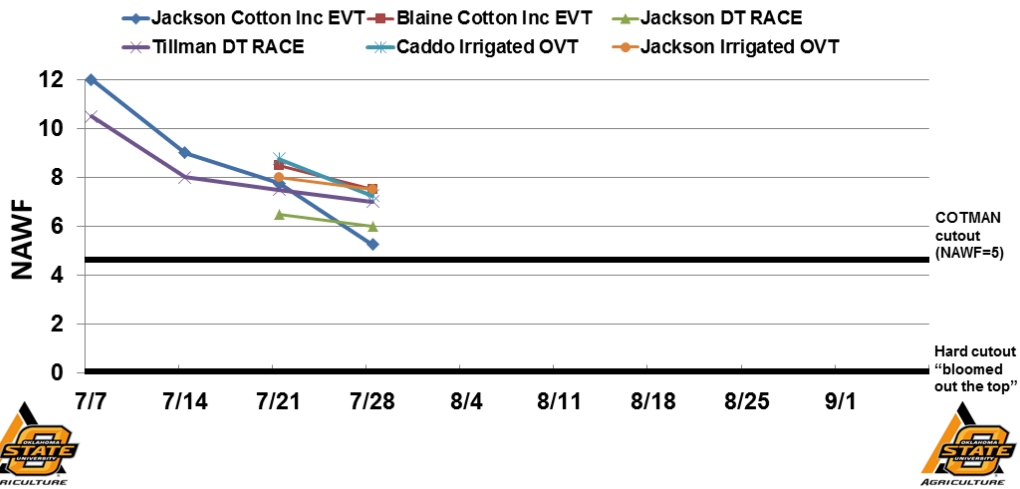
Tobacco Budworm Pheromone Trap Catches



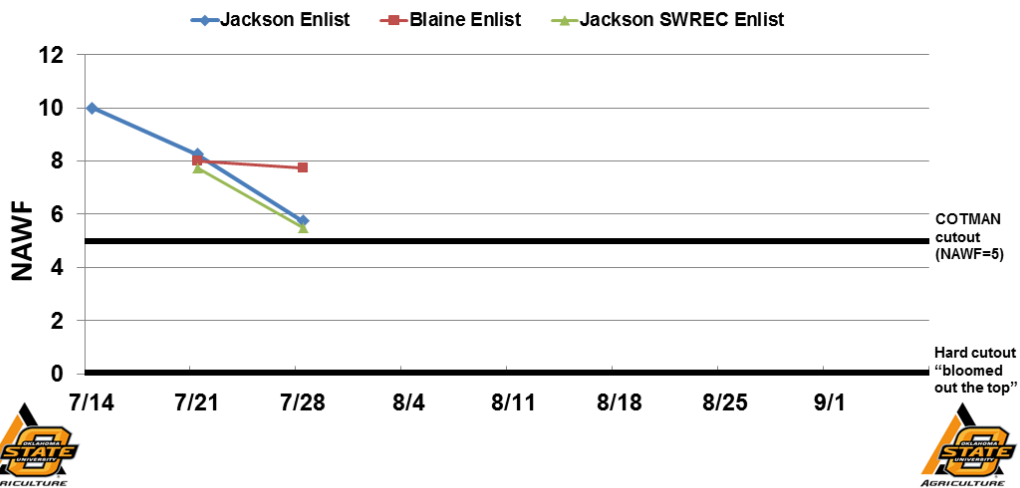
Tobacco budworm moth
Photo courtesy of University of Georgia

JG

2017 NAWF - Irrigated Field Surveys



2017 NAWF – Irrigated PhytoGen Enlist Innovation Field Surveys

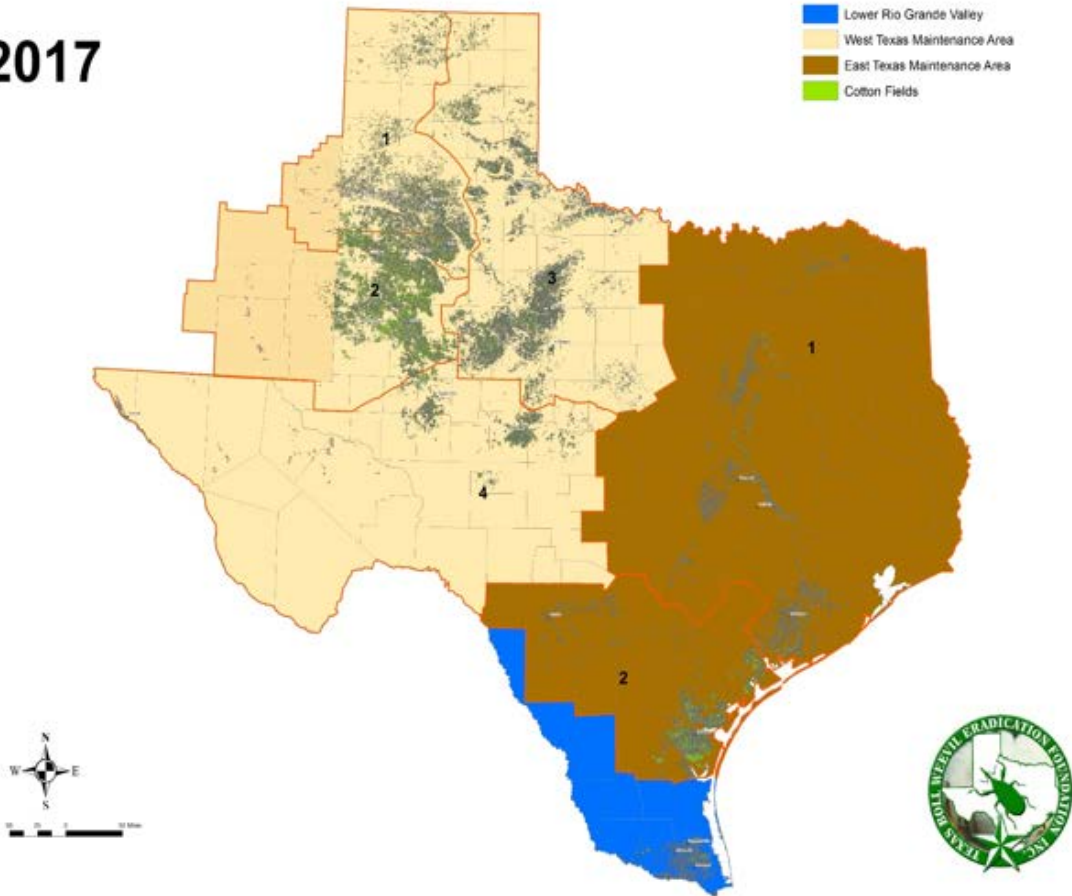


Oklahoma Boll Weevil Eradication Organization Update: Quarantine of Cotton Harvesting Equipment Coming From Certain Areas of Texas

John Henderson, Director of the Oklahoma Boll Weevil Organization, based at Altus, provided the information below. Eradication of the boll weevil across most of the U.S. Cotton Belt, and in the state has been very successful and is a major contributing factor to the continued profitability of cotton production. It has been a long, difficult, and expensive task to rid our state and most of the Cotton Belt of this invasive species that for such a long time negatively impacted our production. There is still a difficult fight with this insect pest in south Texas, and we all need to do our part in keeping this pest from resurfacing in our state.

Cotton harvesting equipment entering Oklahoma from two eradication areas in Texas has to be certified as boll weevil free prior to movement into our state. Please contact the Texas Boll Weevil Eradication Foundation (TBWEF) at least 48 hours in advance of equipment departure from these two areas. This will allow TBWEF to inspect the equipment. A USDA-APHIS phytosanitary certificate is issued and is required before equipment can be transported from these areas. These ONLY include the Lower Rio Grande Valley Eradication Zone (blue area on the map below) or the East Texas Maintenance Area (brown area on the map below). This is critical to meet USDA-APHIS requirements and prevent the re-infestation of boll weevils into eradicated areas. It is illegal to move non-certified cotton harvesting equipment from these areas into the state of Oklahoma.

2017



Texas Boll Weevil Eradication Foundation: 325-672-2800
After Hours and Weekends: 325-668-7361

Oklahoma Boll Weevil Eradication Organization:
580-477-4280 Office
580-471-7962 John Henderson Cell

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Editor

Randy Boman

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