



Cotton Comments

OSU Southwest Oklahoma Research and Extension Center
Altus, OK



August 28, 2015

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Insect Update

Several reports of stinkbug infestations have come in the past week. Control measures were initiated in some fields, and in others a “wait and see” approach was used. When pondering an insecticide application, beneficial arthropod population disruption should be considered. The beneficials so far have been doing a great job of cleaning up aphid populations. A disruption this late may not allow beneficials to build back in sufficient numbers to arrest an aphid infestation before open bolls occur. Sticky cotton is a major concern for the industry and all precautions should be used. The threshold for cotton aphids is to treat when 50% of the plant terminals are infested and aphids exceed 50 per leaf. With the current low cotton price this number could be 80 per leaf. Hopefully the beneficials will take care of the problem. If aphid populations are present as bolls begin to open, there is zero tolerance in order to reduce the potential for the honeydew contamination of the lint. Grasshoppers are still present. Moth counts continue to be below the long-term average.



Washita County Dryland Field August 26, 2015

Field Surveys in Oklahoma – week ending August 28, 2015.

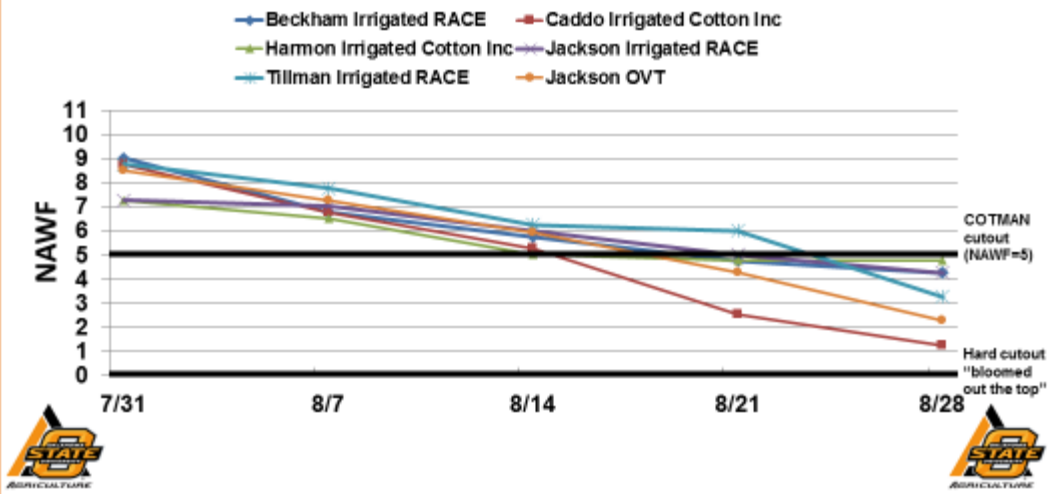
Location	Date of planting	First Bloom	Plant Stage	Insects	Comments
Beckham Irrigated RACE - Damron	June 3	July 26	4.25 NAWF	None detected	Excellent
Beckham Irrigated Innovation DEMO - Damron	June 3	July 26	5.00 NAWF	None detected	Excellent
Blaine Irrigated XtendFlex Variety - Schantz	June 1	July 24	1.25 NAWF	None detected	Good
Blaine Irrigated Cotton Inc Enhanced Variety - Schantz	June 2	July 23	1.25 NAWF	None detected	Good
Blaine Irrigated Bayer CAP - Schantz	June 1	July 24	1.50 NAWF	None detected	Good
Blaine Irrigated PhytoGen Innovation - Schantz	June 1	July 24	2.50 NAWF	None detected	Good
Caddo Irrigated OVT – Ft. Cobb Station	June 8	PHENOXY DRIFT			
Harmon Irrigated Cotton Inc Enhanced Variety - Cox	May 27	July 20	4.75 NAWF	None detected	Good
Harmon Irrigated Bayer CAP - Horton	June 1	July 28	6.25 NAWF	None detected	Good
Jackson Irrigated RACE - Darby	June 2	July 26	4.25 NAWF	Few Aphids	Good
Jackson Irrigated OVT - Altus Station	June 4	July 27	2.25 NAWF	None detected	Good
Jackson Dryland Race - Abernathy	June 9	July 26	2.25 NAWF	Grasshoppers	Good
Jackson Irrigated Weed Control Trials - Altus Station	June 4	July 26	2.50 NAWF	None detected	Good
Jackson - WOSC	June 5	July 25	3.00 NAWF	Light Aphids	Good
Tillman Irrigated RACE - Nichols	June 3	July 26	3.25 NAWF	Few Aphids	Excellent
Tillman Dryland RACE - Fischer	June 10	July 28	2.00 NAWF	Grasshoppers	Good
Tillman Dryland OVT - Tipton Station	June 10	August 2	1.75 NAWF	Grasshoppers	Fair
Washita Dryland RACE - Davis	June 3	July 26	3.75 NAWF	None detected	Excellent

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

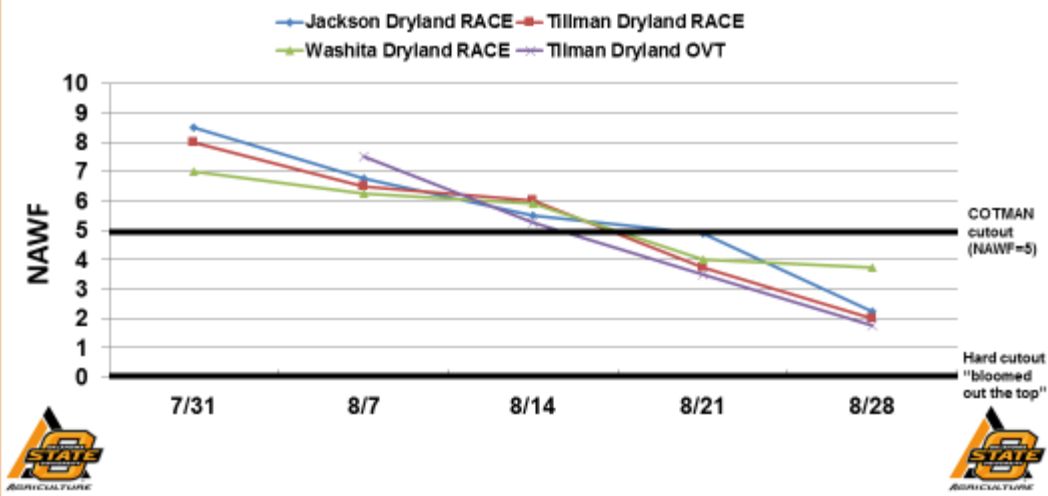
CAP – Cotton Agronomic Plot (Bayer CropScience)

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

2015 NAWF - Irrigated Field Surveys

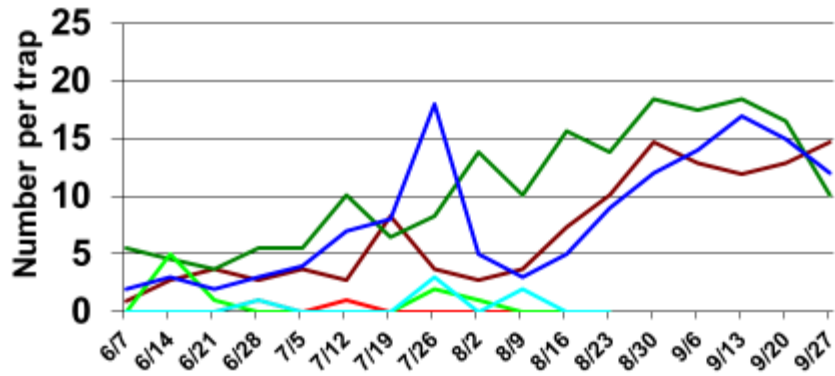


2015 NAWF - Dryland Field Surveys



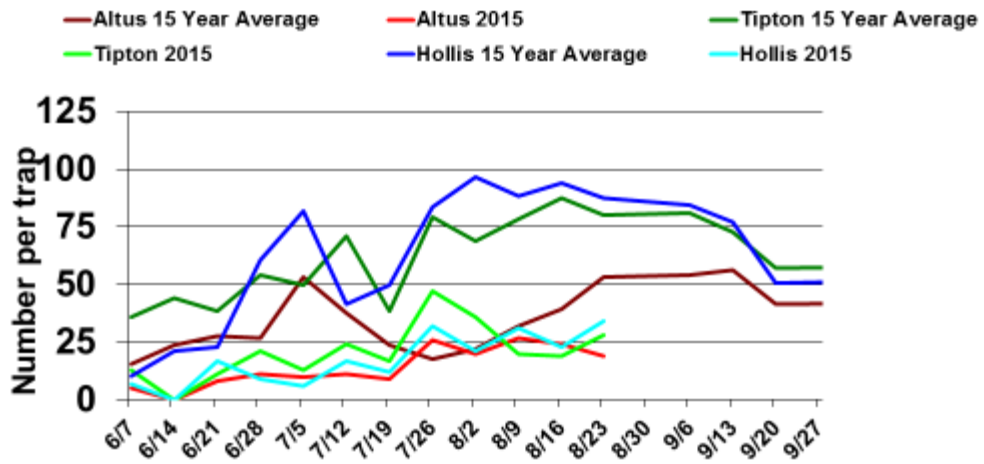
Beet Armyworm Pheromone Trap Catches

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



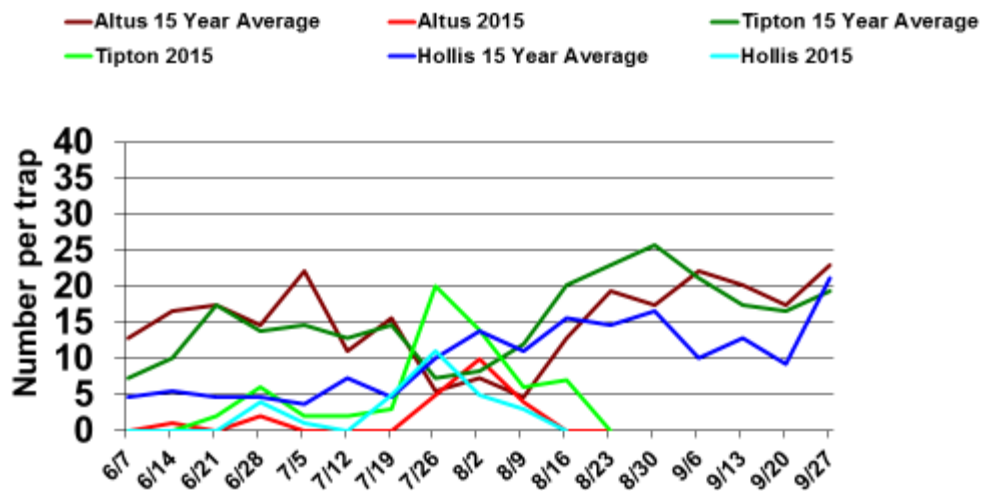
Beet armyworm moth

Cotton Bollworm Pheromone Trap Catches



Cotton bollworm moth

Tobacco Budworm Pheromone Trap Catches



Tobacco budworm moth

JG

Upcoming Meetings

September 24, 2015 – Caddo Research Station – Fort Cobb, OK

Peanut Hull Blasting starts at 4:00 pm; Research Plot tour starts at 5:30 pm
Come see the latest in peanut and cotton research and hear industry updates.
Dinner will be served following the field tour. (See attached flyer for details)

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Editor
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