

MOTH TRAP CATCH REPORT AND INSECT PEST UPDATE FOR JULY 3, 2017

Tim Reed, Ron Smith and Alana Jacobson

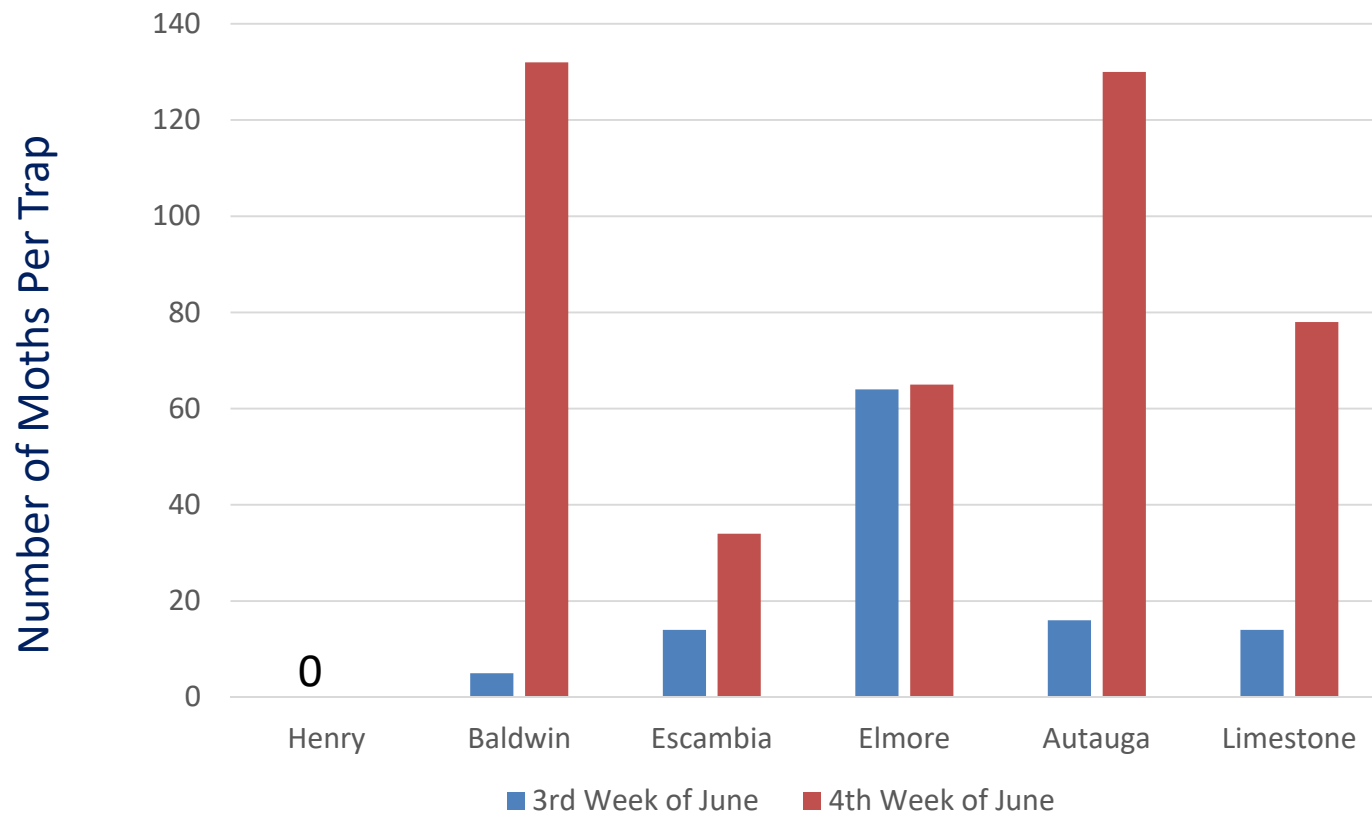
Cotton bollworm (CBW) moth trap catch numbers were higher at all 5 trapping locations during the 4th week of June than during the previous week. The highest trap catch for cotton bollworm moths was 69 at the Elmore county site. Moth trap catch numbers for the 4th week of June in 2016 were generally higher at most sites with the Baldwin and Autauga sites catching 132 and 130 moths, respectively. The Tobacco budworm (TBW) moth trap catch numbers were higher for the 4th week of June than the previous week with the highest number trapped being 86 in Autauga county. TBW moth trap catch numbers were higher at 3 of the 4 sites in 2017 than in 2016. Soybean looper moth trap catch numbers were higher for the 4th week of June in comparison to the previous week. The SBL moth catch was highest in Elmore county with 133. Numbers of SBL moths were similar at the two sites trapped in 2016 and 2017.

Most of the cotton fields in north Alabama have now been sprayed at least once for tarnished plant bugs (TPB's) More fields would have been sprayed the first or second time if rainy weather had not been an issue. Square loss to TPB due to rainy weather could result in a yield reduction in some fields. Ron Smith reported that today (July 3) he found small immature TPB's in blooming cotton in central Alabama indicating immatures are just starting to hatch there. Densities ranged from 1 to 7 per 6 row feet. Ron also reported finding an immature red banded stink bug in alfalfa at Headland. This would be a member of the first generation derived from over-wintering adults. A report for the south west portion of the state indicated that TPB's were starting to move into cotton. Aphids were the most noticeable insect pest in SW Alabama and the Blackbelt. Centric at 2 oz/acre has been working up to now in that area. Another report indicated imidacloprid was providing inconsistent control of aphids in SE AL and the NW FL area. Loopers are starting to show up in soybeans in SW AL.

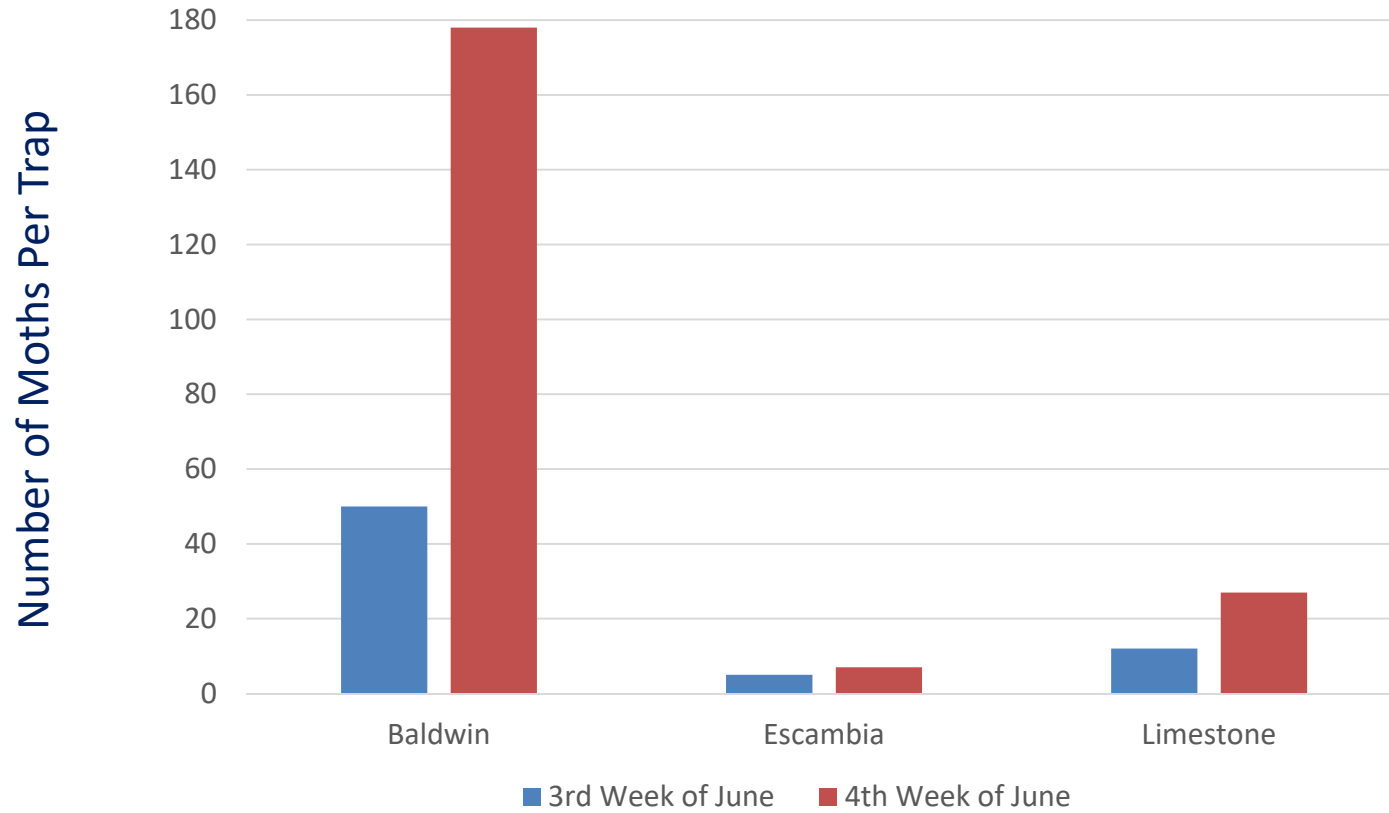
Cursor down to see past and present moth trap activity.



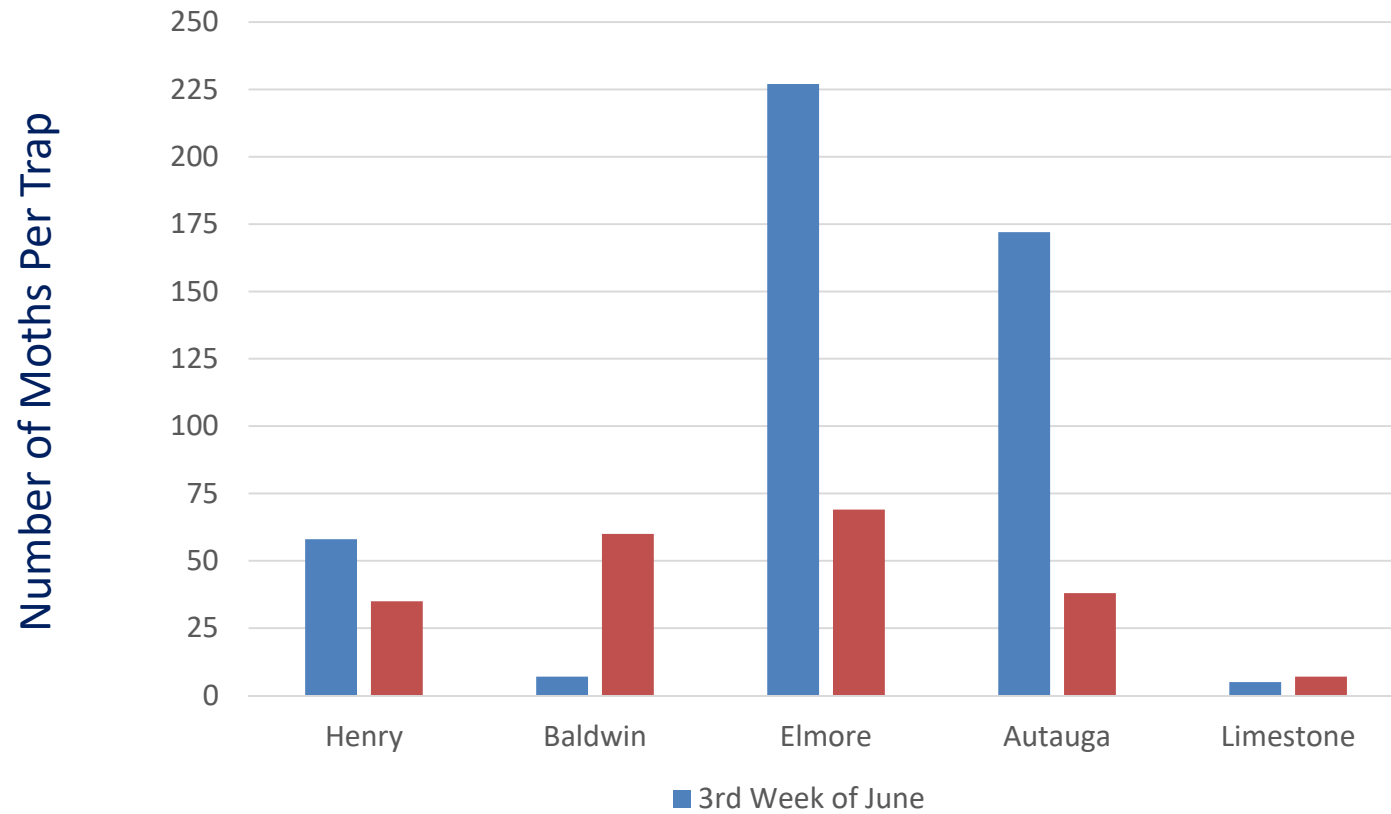
Cotton Bollworm Moths per Trap by Location, 2016



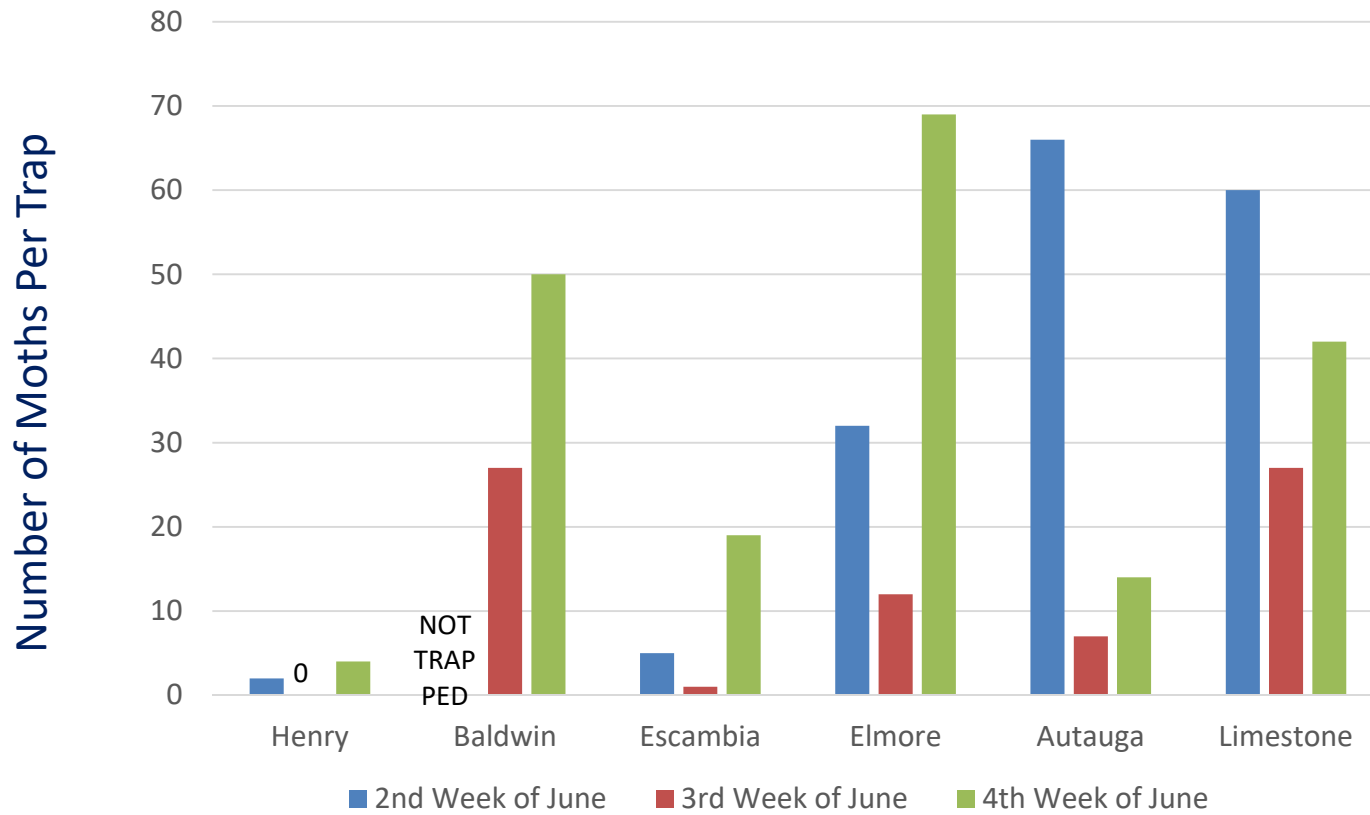
Soybean Looper Moths per Trap by Location, 2016



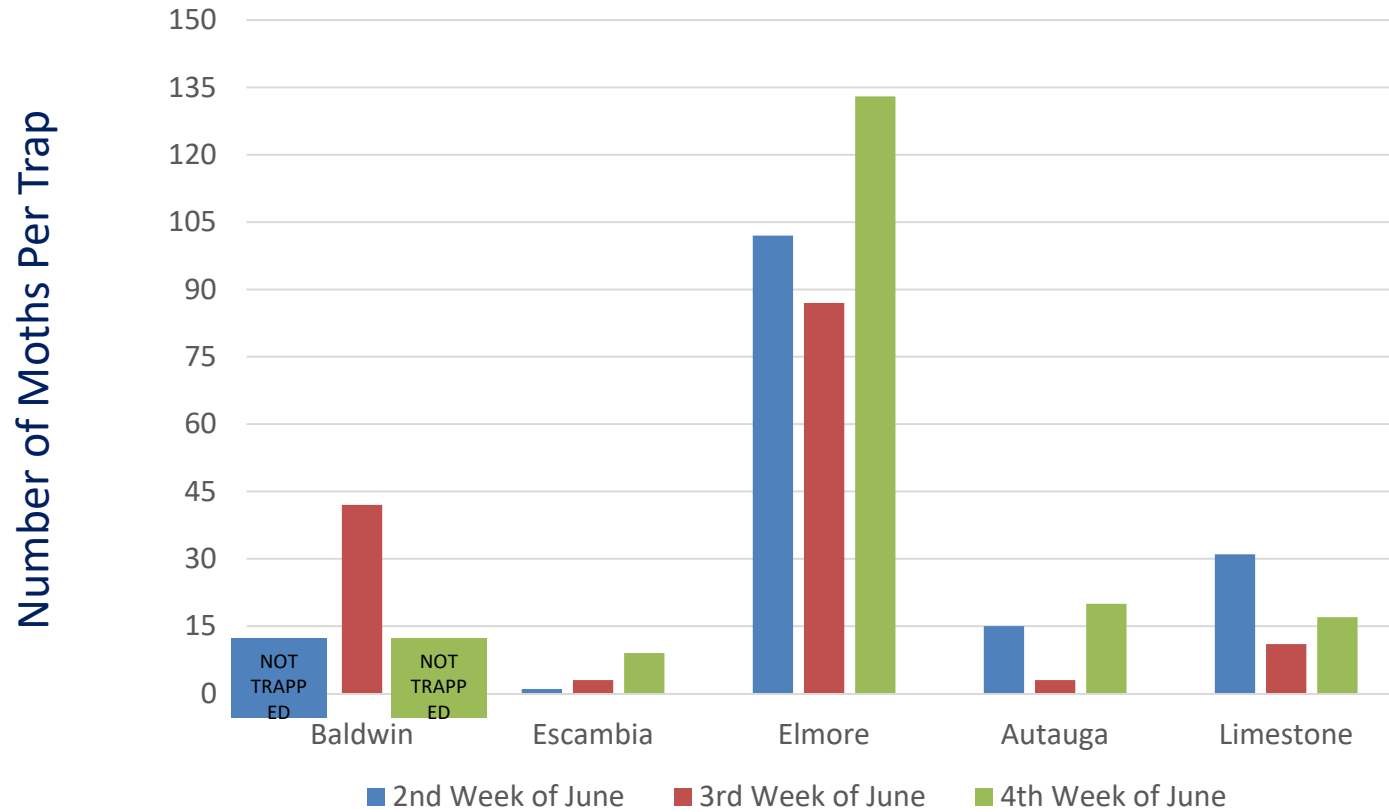
Tobacco Budworm Moths per Trap by Location, 2016



Cotton Bollworm Moths per Trap by Location, 2017



Soybean Looper Moths per Trap by Location, 2017



Tobacco Budworm Moths per Trap by Location, 2017

