

CROP MANAGEMENT REPORT

July 1, 2016

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GENERAL SITUATION



Rice Stink bug

If you would like to be added
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THANK YOU

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Although this crop is very spread out in terms of maturity, with a few fields just now emerging after one last replant to some of the earliest cotton about to bloom, everything has made good progress over the past two weeks. Showers were scattered but welcome with totals from .2-2.0 inches where it fell. Most folks still have their pumps off, some are watering just to get fertilizer out, and many of those west of St. Lawrence are irrigating, and have been for a while. Except for a couple of showers, the Midkiff area lacks the deep moisture they need. Cultivators and sprayers made good progress on weeds. Escapes can still be found and many of those are going to seed. These weeds need to be removed from the field.

FLEAHOPPERS

Fleahopper numbers are starting to increase in area fields. They are most numerous along field edges bordering pastures and weedy ditches, especially with high populations of Silverleaf Nightshade. At this point, I have not seen any fields or locations which have populations close to the 25-30 fleahoppers per 100 terminals. I have also only seen adult fleahoppers at this time which means they are still migrating into fields and have not yet began reproducing. If control is necessary, chlorpyrifos, most pyrethroids, malathion, Besiege, and Diamond work well. Besiege and Diamond would be better on the beneficials.

SORGHUM

Stink bugs of several different species are starting to show up in headed out sorghum all around the area at this time; they include the conchuela, southern green, and rice stink bug. Thresholds are not real exact for head feeding insects in sorghum and work more around cost of control and the value of the crop. However, the past couple of years we have treated quite a few acres of sorghum for stink bugs in order to not have to treat our cotton. As the southern green and rice stink bug have been found mating and we could have nymphs in a week. Headworms, primarily fall armyworm are also present feeding in heads. Most worms are very small, less than 1/4 inch. It is the larger worms, greater than 1/2 inch that we are concerned with. They will consume a much larger amount of grain, whereas the smaller worms are more likely to die from predators. It is still wise to monitor worm populations.

SUGARCANE APHIDS

A this point in time no sugarcane aphids have been found in the area which is great. Factoring in SCA can make treating for stink bugs and headworms a little more difficult. Products such as carbaryl and pyrethroids, which work well on both stink bugs and headworms will also knock out most all beneficials. This could in turn open the door for SCA to flare up. Softer products such as Besiege will work for both Stink bugs and headworms or Belt or Prevathon for just headworms. Keep in mind that none of the products have any activity against SCA. If SCA do happen to arrive, an application of Sivanto or Transform may be needed.

TURNROW MEETINGS

Tuesday, July 5	9:00 a.m. Glasscock Coop
Wednesday, July 6	9:00 a.m. Midkiff Coop
Tuesday, July 12	9:00 a.m. Glasscock Coop
Wednesday, July 13	9:00 a.m. Midkiff Coop

The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the AgriLife Extension Service is implied.

Weather Data

	May 10	May 20	June 1	June 10
Daily ET	.03 in/day	.03 in/day	.02 in/day	.02 in/day
Total water use	1.6 in	1.2 in	.65 in	.39 in

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HEAT UNITS

Heat units averaged 18.1 per day this past week and 20.1 per day the past two weeks. Heat units since 5/10, 5/20, 6/1, and 6/10 are compared with last year and the five year average in the table below. In the last 14 days we have accumulated 281 heat units. For 5/10 cotton took 21 days, or until 5/31 to accumulate that many heat units. For 5/20 cotton it still took 18 days, or until 6/6 to accumulate 281 heat units. Our crop is growing now.

DATE	5/10	5/20	6/1	6/10
2016	851	757	551	433
2015	722	622	515	378
5 Year AVG	769	838	643	466