

# CROP MANAGEMENT REPORT

TEXAS A&M  
AGRI LIFE  
EXTENSION

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## GENERAL SITUATION



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Things have definitely warmed up the last 2 weeks and we are racking up heat units now. Our soil moisture is holding for now and a few areas, primarily back towards Midkiff, received a 0.3" - 0.6" this week. There were even a couple locations north of St. Lawrence that got wet. This is good because with one more week of 100 degree days coming, we're going to need a rain, some of the earlier cotton could use one now. Cotton ranges from early squaring to full bloom, with the majority in the first couple of weeks of squaring. Fortunately the plants haven't used much moisture yet, but they will as soon as they start to bloom.

## FLEAHOPPERS

Fleahoppers continue to be sporadic throughout the area. As the weeds and pastures continue to die down we need to keep scouting for their movement into cotton, especially in the latest planted fields. Up to now most square sets have remained above 90% after the first couple of weeks of squaring. This is great and hopefully we can keep them up there another week.

## STINK BUGS

Stinkbugs are starting to show up around the area more and more. The majority of them are conchuela with some green and even a few rice stinkbugs in there. We will want to protect the milo from stinkbug feeding and we can also use the milo as a trap crop to prevent the stinkbugs from moving in to the cotton later. Also check some of the older, blooming volunteer out in the field and along the turnrows, this cotton tends to harbor stinkbugs as well. Suggested insecticides in milo include: Carbaryl, Bayroid, Karate, and Warrior. Insecticides in cotton include: Acephate, Bifenthrin, Baythroid, Leverage, Proaxis, Karate, Endigo, Bidrin, Bydate, and Mustang Max.

## APHIDS

Aphids have started to pop up in a few very small localized areas. As we have been scouting we will occasionally come across a plant or two in a field that is covered with aphids. These sporadic plants are not cause for alarm, but you should be aware that they are present. When scouting for aphids, a total of 60 leaves divided between the top, middle, and bottom of the plant should be collected. When the number of aphids per leaf is 50 or more, control is needed. After first cracked boll the threshold is lowered to 10 aphids per leaf. Suggested insecticides include: Intruder, Chlorpyrifos, Bidrin, Carbine, Endigo, Curacron, Imadacloprid, Lannate, and Centric.

**COTTON APHID**

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**RICE STINKBUG**

## WEATHER DATA

	May 10	May 20	June 1	June 10
Daily ET	.038 in/day	.038 in/day	.077 in/day	.077 in/day
Total water use	7.70 in	5.99 in	2.20 in	1.70 in

ET data should be used and taken into consideration as well as pumping capacity, rainfall and future demand of the cotton plant.

## HEAT UNITS

Heat units averaged 24.2 per day this past week and 22.96 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. Over the past couple of weeks we have really started to accumulate heat units and are starting to catch up a little bit now. The important thing will be getting a rain in the next week or so to help finish out this crop.

DATE	5/10	5/20	6/1	6/10
2015	1,218.5	1,118	1,011.5	860
2014	1,363	1,252	1,085	900
5 Year AVG	1,282	1,406	1,183	997

### TURNROW MEETINGS

Tuesday, July 28	9:00 a.m. Glasscock Coop
Wednesday, July 29	9:00 a.m. Midkiff Coop
Tuesday, August 4	9:00 a.m. Glasscock Coop
Wednesday, August 5	9:00 a.m. Midkiff Coop