

# CROP MANAGEMENT REPORT

August 26, 2016

Volume 3, Issue 9

If you would like to be added to our newsletter mailing list please email [tara.johnson@ag.tamu.edu](mailto:tara.johnson@ag.tamu.edu) THANK YOU

UPCOMING EVENTS
Tri-County Crop Tour 9/13
Monsanto Field Day 9/19
4-H Dove Hunt 9/20
Phytogen Field Day 9/21

## GENERAL SITUATION

We are getting down to the short rows on this years crop, and unfortunately still have not received that good rain yet this year. For the most part, we have just about everything in this crop that is going in it except for harvest. Weed control, like it or not is still an issue. As slow as things can get this time of the year, we still have areas to keep an eye on.

## COTTON

Most all of our fields are well past cutout and have even reached hard cutout. We have a few late planted fields that are 6-7 NAWF that need a long summer and plenty of heat. Shutting water off on these fields will be a little more difficult unless you go until your next meter reading. For everything that has cutout, a boll needs approximately 800 heat units to make an acceptable boll. Generally between August 26th and September 6th is the last day we can expect to set a harvestable boll. You can shut your water off at 450 heat units past cutout, unless you are extremely dry, which most folks are, then you might want to water a couple more cycles.

## BOLLWORMS

Many of you have heard by now, large numbers of medium to full grown bollworms have been found in a field of Bt cotton in Garden City. Terminals, Petiols, and worms were collected from the field and sent off for analysis. Worms are being tested to see if they are resistant or if they are possibly old world bollworm or a hybrid. The best case scenario is that this was just a heavy egg lay. This was very tall, lush cotton and worms were located in the lushest, tallest part of the field. **At this time we do not know if we have a resistance issue** and no worms have been found anywhere else in St. Lawrence on Bt cotton.



BOLLWORM

ST. LAWRENCE PEST MANAGEMENT  
BRAD EASTERLING  
EA-IPM  
GLASSCOCK, REAGAN, UPTON COUNTIES  
PO Box 299  
GARDEN CITY, TX 79739  
432-354-2381 (o)  
940-256-1524 (M)



## LATE SEASON WEED CONTROL

The only good thing about not getting any rain is hopefully you do not have another flush of weeds. If you do I strongly encourage you to get them cleaned up this fall before they go to seed. If it is careless weed that has gone to seed, it needs to be pulled, bagged, and burned. Especially if there is any chance of it being resistant. Small careless weeds coming up right now can produce at least 500 seeds per plant by the first frost and still be shorter than the canopy of the cotton. I know that no one wants to spend anymore on this crop, but stopping weeds now instead of next year can save you more. The whole ounce of prevention pound of cure thing. It is even more important if the weeds you are controlling are resistant.

## STINKBUGS



Conchuela Stink bug

It is getting a little late, but also in Garden City, stink bugs were found with what was estimated as about 30% of the small bolls punctured. If you have late cotton, be sure to keep an eye out.

### TURNROW MEETINGS

Tuesday, August 30	9:00 a.m. Glasscock Coop
Wednesday, August 31	9:00 a.m. Midkiff Coop

### Weather Data

	May 10	May 20	June 1	June 10
Daily ET	.275 in/day	.275 in/day	.275 in/day	.275 in/day
Total water use	16.88 in	14.96 in	10.09 in	7.75 in

### HEAT UNITS

Heat units averaged 18.3 per day this past week and 17.795 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. Heat unit accumulation has slowed down tremendously and for the first time since early June we are below 20 a day. I would not be looking at trying to push this crop longer than normal.

DATE	5/10	5/20	6/1	6/10
2016	2175	2080	1875	1756
2015	2368	2268	1784	1646
5 Year AVG	2246	2135	1864	1688