

CROP MANAGEMENT REPORT

August 11, 2014

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Green Stink Bug

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GENERAL SITUATION

The weather continues to be hot and dry and things are fairly uneventful on my end. With the lack of rainfall and higher temperatures the past couple of weeks, NAWF progressed quickly. The dryland is finished and most of it has been for quite a while. The irrigated cotton ranges from NAWF = 0-6, with later planted fields quickly approaching cutout. This past week saw sow fruit shed start, especially in fields where water is limiting and they just could not keep up with the demand over the past week. Matchhead sized squares and smaller as well as one to two day old bolls were being kicked off. Definitely not what we wanted to see. Hopefully we will get that shower to help out with the thirst for water these plants have right now.

STINK BUGS

Stink bugs are present in both cotton and sorghum at this time. The primary species is the conchuela stink bug, the black one with the red stripe around it. Green stink bugs can be found occasionally. They are currently much worse in the sorghum than cotton, but all cotton fields need to be checked. I have seen a couple of fields that exceed the threshold. Most all of the sorghum has high numbers and is being treated.



Conchuela Stink Bug

The threshold for stink bugs in cotton is 2 stink bugs per 6 row feet. I would suggest Bidrin at 6-8 oz. per acre. In sorghum I would suggest carbaryl, Baythroid, Karate or Warrior.

HEAT UNITS

DATE	5/10	5/20	6/1	6/20
2014	1657.5	1546.5	1379.5	1194.5
2013	1744	1602	1394.5	1220
5 Year AVG	1868	1747	1536	1346

Heat units accumulated over the past seven days have equaled 20.7 DD 60's per day. Overall we are about 10 days behind our historical average.

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)





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IRRIGATION TERMINATION

I know that from work Warren did, irrigation should be terminated approximately 400-500 heat units after cutout (NAWF = 5). There is a lot of cotton that is already there and more that will be there quickly. With basically no subsoil moisture you might consider irrigating just a little longer.

WEATHER DATA

	May 10	May 20	June 1	June 10
Daily ET	.31 in/day	.31 in/day	.31 in/day	.31 in/day
Previous 7 day	2.19 in	2.19 in	2.19 in	2.19 in
Total water use	12.24 in	11.59 in	9.47 in	6.53 in

Average daily, weekly and total water use for 4 different planting dates based on total plant evapotranspiration.

TURNROW MEETINGS

Tuesday, August 12	9:00 a.m. Glasscock Coop
Wednesday, August 13	9:00 a.m. Midkiff Coop
Tuesday August 19	9:00 a.m. Glasscock Coop
Wednesday, August 20	9:00 a.m. Midkiff Coop