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# PEST MANAGEMENT REPORT

*NEWS ABOUT INTEGRATED PEST MANAGEMENT IN GLASSCOCK, REAGAN AND UPTON COUNTIES*

## GENERAL SITUATION

Rainfall over the past couple of weeks ranged from .75"-8". The heavier amounts were in the Midkiff area. Insect activity remains low across the area at this time. Cotton ranges from several open bolls to 6 nodes above white flower. Many fields have little young fruit left and are safe from insect activity.

## IRRIGATION TERMINATION

Decisions about terminating irrigation should include several variables. Amount of rainfall received and the stage of crops are probably the most important. We have been doing a study for the last 3 years to look at using the method of accumulating heat units after cutout (5 nodes above white flower). We have had varying conditions during these years but 400-500 heat units after cutout seems to be the optimum time. Using this method, some of the first fields that reached cutout on around the 20<sup>th</sup> day of July should have irrigation terminated already. Those fields reaching cutout around the first of August should be terminated now and the later fields by September 10.

Another factor with some of the later fields is the temperatures and rainfall in September.

## BOLLWORMS

Worm activity remains low across area fields. Only the later plated fields with adequate water have enough younger fruit to sustain worm populations.

## TRI-COUNTY CROP TOUR

**Tuesday, September 12, 2006**

2:00 p.m.	Meet at St. Lawrence Hall Cotton Growers Meeting
2:30-5:30 p.m.	Tour & Discuss Variety, Plant Population, Fleahopper Control, Root Rot and Defoliation Trials
6:00 p.m.	Refreshments & Meal

## PECAN WEEVILS

Pecan weevils are emerging across the area following the recent rainfall and most pecans have reached the susceptible stage, so control should be applied now. Sevin 80S is the best product for weevil control. It will be necessary to spray again in 7-10 days.

## BOLL WEEVIL ERADICATION

Eight weevils were caught last week and approximately 1000 acres sprayed. This week so far, weevil numbers have been higher and more acres required treatment.

## WEED CONTROL

I have had many questions concerning weed control on the failed acres since it has rained. You must understand, we still have some young cotton or possible pecans that could be damaged by drift. I think we can still get excellent control later in the fall and not risk damage to the crop.

Enclosed are some weed control suggestions put together by Billy Warrick at Texas Cooperative Extension, San

Angelo.

### HEAT UNITS

Heat units averaged 21 per day the past week. Heat units since 5-5, 5-15, 5-25, 6-1 are compared with last year and a five year average in the table below.

DATE	5/5	5/15	5/25	6/1
2006	2226	2106	1938	1790
2005	1925	1804	1647	1567
5 YEAR AVERAGE	2112	1970	1811	1695

Heat Units needed for Cotton Development

Planting To:

Stand Establishment	78
Squaring	526
First Bloom	1064
First Open Boll	1641
95% Mature Bolls	2271

### RAINFALL

Rainfall amounts for the months of January through May are included in the table below.

	St. Lawrence	Garden City	Midkiff
January	.08	.06	.07
February	.10	.33	.13
March	1.41	1.22	.67
April	.01	.38	.24
May	.10	.98	.26
June	.41	.05	0
July	.03	.76	.23
<b>TOTAL</b>	2.14	3.78	1.60

### TURNROW MEETINGS

No Additional Turnrow meetings are scheduled. If you have any questions, please free to give me a call.

### WEATHER DATA

Weather data for the past two weeks is included in the table that follows:

DATE	HIGH TEMP	LOW TEMP	RAIN	AVG WIND SPEED	SOIL TEMP
8/10	100	70	0	8	87
8/11	100	74	0	8	88
8/12	100	72	0	6	89
8/13	96	75	0	10	89
8/14	93	67	.61	9	89
8/15	84	68	.3	5	85
8/16	85	70	.36	3	82
8/17	94	68	.86	6	80
8/18	95	66	0	5	79
8/19	94	68	0	3	81
8/20	92	68	.1	4	82
8/21	93	70	0	3	83
8/22	94	70	0	4	84
8/23	97	70	0	5	84

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