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# PEST MANAGEMENT REPORT

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

## GENERAL SITUATION

Cotton ranges from 3<sup>rd</sup> true leaf to 3<sup>rd</sup> week of bloom. Irrigation is in full swing and most fields could stand to see another rain. Bollworm activity increased some this past week. Pinky rosetted blooms were found in a couple of fields this week.

## SCOUTING SAFETY

If you are spraying an insecticide on the fields the scouts are checking, please contact them or myself. We do not want them to be exposed to chemicals unnecessarily.

## FLEAHOPPERS

Fleahoppers ranged from 0-25 per 100 plants and square sets ranged from 85-98% this week. Most fields are fruiting adequately now in the area. I would be most concerned with the early June planted irrigated cotton for fleahoppers.

## BOLLWORM

Eggs ranged from 0-3000 per acre or 0-6 per 100 plants.

- ◆ Small worms ranged from 0-2000 per acre or 0-4 per 100 plants.
- ◆ Medium worms ranged from 0-4000 per acre or 0-8 per 100 plants.

The higher number of worms was found in a field of non-Bt cotton that was sprayed with Orthone<sup>®</sup> about 2 weeks ago. Other fields have lower numbers at this time.

## BOLL WEEVILS

Boll weevil activity remains light in most area fields.

## PINK BOLLWORMS

Traps ranged from 0-2 moths per trap per night this past week. The scouts found 6 pinkies in blooms on 40 plants in one field northwest of Midkiff. This is a good indication problems with pink bollworms will be seen in this field.

## KEY PREDATORS

Beneficial numbers ranged from 2,500 to 18,000 per acre with spiders and minute pirate bugs being most common.

### COTTON FERTILITY AND WEED MEETING

Tuesday, July 20 9:00 am Glasscock Coop  
1:30 pm Midkiff Coop

Charles Stichler and Billy Warrick will be at this meeting to discuss fertility, weed ID, weed control and spray application.

### TURNROW MEETINGS

Tuesday, July 27 9:00 Glasscock Coop  
Wednesday, July 28 9:00 Midkiff Coop

## 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	AVG SOIL TEMP
6/30	90	67	0	7	80
7/1	98	71	0	10	80
7/2	99	71	.05	11	80
7/3	97	69	0	10	81
7/4	94	72	0	12	80
7/5	96	73	0	14	80
7/6	95	72	0	13	81
7/7	97	71	0	11	81
7/8	100	72	N/A	N/A	N/A
7/9	96	74	N/A	N/A	N/A
7/10	94	74	N/A	N/A	N/A
7/11	92	69	N/A	N/A	N/A
7/12	90	69	N/A	N/A	N/A
7/13	91	69	N/A	N/A	N/A
7/14	97	71	N/A	N/A	N/A

## HEAT UNITS

Heat units averaged 23 per day the past week. Heat units since 5-1, 5-15, 6-1 and 6-15 are compared with last year and a five year average in the table below.

DATE	5/1	5/15	6/1	6/15
2004	1383.5	1312.5	913	596
2003	1291.5	1037	795	557.5
5 YEAR AVERAGE	1226.8	1040.7	736.6	462.3

## RAINFALL

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

	St. Lawrence	Garden City	Midkiff
January	0.80	0.48	.78
February	0.55	1.15	.46
March	1.70	1.66	1.95
April	1.98	1.67	2.04
May	0.05	0.12	0.04
June	4.29	2.58	1.18

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