

Warren L. Multer, EA/IPM

PEST MANAGEMENT REPORT

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

GENERAL SITUATION

More of the same! Most cotton ranges from 1st bloom to cut-out. In some fields, there is not much time between 1st bloom and cut-out. The pest situation is very low at this time. The spider mite populations have subsided in most area fields.

SCOUTING PROGRAM

The scouts will be working another week or so before heading back to school. If you see them, thank them for completing a tough job, especially this summer.

SCOUTING SAFETY

If you are treating fields the scouts are checking with a pesticide, please let the scouts know so they are not exposed unnecessarily to the pesticide.

BOLLWORMS

Eggs ranged from 0-2000 per acre or 0-6 per 100 plants. Small worms ranged from 0-900 per acre or 2 per 100 plants. We are not seeing any significant worm activity at this time.

STINK BUGS

This is a critical time for stink bug activity, but we are finding close to none. The scouts are beating plants, checking for stink bugs and we are doing a considerable amount of sweeping and only a couple have been found.

We could still see movement from mesquites to cotton fields causing considerable damage.

SPIDER MITES

Populations have been greatly reduced by predators or other natural causes. Stunted plants in fields have fresh growth and are returning to normal.

TRI-COUNTY CROP TOUR

WHEN: TUESDAY, SEPTEMBER 13
2:30

MEET AT ST. LAWRENCE HALL

TURNROW MEETINGS

Tuesday, Aug 9	9:00 am Glasscock Coop
Wednesday, Aug 10	9:00 am Midkiff Coop
Tuesday, Aug 16	9:00 am Glasscock Coop
Wednesday, Aug 17	9:00 am Midkiff Coop

SPREADSHEET TRAINING MADE SIMPLE

WHEN: AUGUST 9, 2011 9:00-3:00

WHERE: COMMUNITY CENTER

COST: \$10

GOALS:

- Help you build simple decision-making spreadsheets or help you find those that already exist on the Internet.
- Introduce participants to a spreadsheet developed by AgriLife Extension that estimates cost and breakeven prices for any crops producers might wish to grow.

BENEFICIAL PREDATORS

Predators ranged from 1,000-11,000 per acre which is low for this time of year. Minute pirate bugs, big-eyed bugs and lacewing larvae are most abundant. Spider numbers are lower than I have ever seen.

IRRIGATION TERMINATION

From past studies, we never saw a yield increase from watering past 500 heat units after cut-out. Cut-out is when a first position white flower is 4-5 nodes down from the top of the plant.

This year could be different because we have absolutely no reserve moisture in the profile. Each field and each producer's situation will dictate when water can be shut off.

HEAT UNITS

Heat units averaged 25 per day the past week. Heat units since 5-10, 5-20, 5-30, 6-9 are compared with last year and a five year average in the table below.

DATE	5/10	5/20	5/29	6/9
2011	2020	1890	1688	1461
2010	1697	1565	1393	1161
5 YEAR AVERAGE	1636	1530	1405	1196

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
7/21	98	77	0	10	85
7/22	96	75	0	10	85
7/23	96	71	0	11	85
7/24	98	76	0	10	85
7/25	101	70	0	6	85
7/26	101	71	0	8	86
7/27	100	76	0	9	86
7/28	99	73	0	8	86
7/29	95	74	0	6	86
7/30	95	74	0	8	85
7/31	97	72	0	7	85
8/1	99	69	0	6	85
8/2	101	68	0	7	85
8/3	101	72	0	6	86

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