
Warren L. Multer, EA/IPM

PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Warmer, dry conditions have resulted in excellent growth and development in most area fields. Cotton ranges from pin-head square to near 1st bloom. Only a few replanted or late planted wet spots are not squaring now. Fleahoppers remain the cotton pest of most concern right now, but numbers have generally remained below thresholds and square sets have remained adequate.

SCOUT SAFETY

If you are spraying the field the scouts are checking with an insecticide, please contact them or me so they will not be unnecessarily exposed to chemicals. Thanks for your cooperation.

COTTON FLEAHOPPERS

Fleahoppers ranged from 0-23 per 100 plants and square sets ranged from 76-100%. Most fields remain below economic threshold and square sets are adequate. A few have seen square sets drop down and treatments have been made.

BOLLWORMS

An occasional bollworm egg and a tiny worm or two have been seen this week, but no widespread activity has been seen. We are at the time of the year when egg-lay can really pick up.

APHIDS

Cotton aphids are still few and far between. The scouts are finding an aphid or two in scattered fields. Some areas east and north of us are seeing heavier populations.

PINK BOLLWORMS

Traps are ranging from 0-8 per trap per night with the highest number found 10 miles northwest of Midkiff near an organic field.

KEY PREDATORS

Predators ranged up to 16,000 per acre this week with spiders being most common. Occasional minute pirate bugs and big-eyed bugs can also be found.

BOLL WEEVIL ERADICATION

No boll weevils were captured this week and no spraying has been done.

TICKS AND FLEAS

Enclosed is information on tick and flea control from Mark Muegge, Extension Entomologist, Ft. Stockton.

FORAGE MEETING

Tuesday, July 17 9:00 a.m. Glasscock Coop

Dr. Billy Warrick will be available to discuss Forage Varieties, Fertility, Weed Control, etc.

TURNROW MEETINGS

Tuesday, July 17 Forage Meeting
 Tuesday, July 24 9:00 am Glasscock Coop
 Wednesday, July 25 9:00 am Midkiff Coop

HEAT UNITS

Heat units averaged 20 per day the past week. Heat units since 5-15, 5-25, 6-4 and 6-14 are compared with last year and a five year average in the table below.

DATE	5/15	5/25	6/4	6/14
2007	882	819	679	510
2006	1180	1012	820	590
5 YEAR AVERAGE	1076	932	768	572

Heat units needed for Cotton Development from the Cotton Physiology Today newsletter

Planting To:	Days	Heat Units
Stand Establishment	4-9	50 to 60
Emergence to 1 st Square	27-38	425 to 475
Square to Flower	20-75	300 to 350
Planting to 1 st Flower	60-70	775 to 850

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
6/29/07	86	66	0	8	78
6/30/07	89	60	0	3	79
7/1/07	91	68	0	6	81
7/2/07	90	64	.14	5	82
7/3/07	88	66	.04	5	80
7/4/07	85	66	0	5	79
7/5/07	88	63	.01	6	80
7/6/07	87	63	0	5	79
7/7/07	92	63	0	3	80
7/8/07	95	67	0	6	82
7/9/07	96	71	0	7	84
7/10/07	94	72	0	6	84
7/11/07	92	71	0	5	84
7/12/07	92	69	0	7	84

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