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PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Hot & Dry! Irrigated cotton is progressing well and ranges from just planted to squaring. Only a few dryland fields in the area that had rain 2 weeks ago have any plants emerging. All other fields are planted, but will not germinate. Thrips numbers remain light to moderate. The scouts were finding an occasional beet armyworm skeletonizing leaves and cutting out a few terminals.

SCOUTING PROGRAM

The scouts have begun work and are locating fields to check. By the end of this week, they should have contacted each farmer to locate the fields. If you have been left out, let me know.

INSECT SCOUT SCHOOL

The scout school last week was successful and should help get all scouts off to a good start. I would like to thank Doug Jost with Monsanto for sponsoring a meal for the scouts on Monday night in Round Rock.

THRIPS

Numbers are light to moderate with most cotton growing more rapidly now unless it is short on moisture.

FLEAHOPPERS

Several fields are beginning to square now and fleahoppers will be more of a concern.

Adult fleahoppers are about 1/8 inch long and pale green. Nymphs resemble adults but lack wings and are light green. They move into cotton from weed hosts when cotton begins to square. Both adults and nymphs suck sap from the tender portion of the plant, including small squares. Pinhead size and smaller squares are most susceptible to damage.

Management and Decision Making. The decision to

apply insecticide should be based on the number of fleahoppers present, the squaring rate and the percent square set. If conditions are conducive to the rapid buildup of cotton fleahoppers in alternate hosts, scouting intervals should be shortened (ie. monitor fields every 3 to 4 days). **During the first week of squaring, the economic threshold is 25 to 30 cotton fleahoppers per 100 terminals combined with less than 90 percent square set. In the second week of squaring, the economic threshold is 25 to 30 cotton fleahoppers per 100 terminals combined with less than 85 percent square set. Starting with the third week of squaring up to first bloom, the economic threshold is 25 to 30 cotton fleahoppers per 100 terminal combined with less than 75 percent square set.**

ROUNDUP® APPLICATION

Many fields have received Roundup® applications and others are rapidly reaching the time to terminate over the top treatments (before the 5th true leaf reaches the size of a quarter). Unless you have Flex varieties, you need to get these applications on in a timely manner or risk possible yield loss.

BOLL WEEVIL ERADICATION

Weevil trap catches picked up some over the past couple of weeks. The total number of weevils captured has been around 100 with most found in the Lomax area and several scattered in the valley south and east of Garden City. Approximately 1200 acres have been sprayed so far. Volunteer cotton that is much more advanced than most area cotton is a major concern for weevils to feed and lay eggs in. If any possible way, it needs to be destroyed.

We also need to continue to work with trap checkers in your fields to locate traps so they will not be destroyed. Trapping information is very important to the integrity of the program.

St. Lawrence Hall

HEAT UNITS

Heat units averaged 23 per day the past week. Heat units since 5-5, 5-15, 5-25 are compared with last year and a five year average in the table below.

DATE	5/5	5/15	5/25	6/1
2006	711	591	422	275
2005	594	473	316	236
5 YEAR AVERAGE	675	533	374	258

RAINFALL

Rainfall amounts for the months of January through April 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
TOTAL	1.60	2.97	1.37

TURNROW MEETINGS

Tuesday, June 27 9:00 am Glasscock Coop
 Wednesday, June 28 9:00 am 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	SOIL TEMP
5/31	86	64	0	11	83
6/1	88	60	0	7	83
6/2	88	58	0	7	82
6/3	94	60	0	7	82
6/4	99	63	0	9	83
6/5	102	63	0	12	83
6/6	101	70	0	11	84
6/7	101	65	0	8	84
6/8	97	68	0	8	84
6/9	97	65	0	8	85
6/10	99	67	0	10	85
6/11	103	72	0	11	86
6/12	100	66	0	8	86
6/13	99	64	0	6	86

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UPCOMING MEETING AND RETIREMENT PARTY FOR CHARLES STICHLER

Thursday, July 6
 6:30 p.m.