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PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Rainfall early this week resulted in .75-1.3 inches across the area. Cotton ranges from replanted to 5th true leaf. One field of April cotton is squaring at this time. Saltmarsh caterpillars are damaging some non-Bt cotton near pasture margins.

SCOUTING PROGRAM

The scouts are still locating some fields and have begun checking those they have located. They are counting thrips and any other pests they might find on pre-squaring cotton. The 1st stand counts they made were incorrect because of measurement problems. They will be correct from now on.

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.

THRIPS

Most cotton is showing light thrips damage at this time. There may be some instances where cotton growth is slowed and thrips numbers are high enough to cause more severe damage. Good soil moisture conditions and favorable heat is allowing rapid growth in most fields.

SALTMARSH CATERPILLARS

Saltmarsh caterpillars have moved into some non-Bt cotton and are reducing the stand to unacceptable levels.

Treatments with pyrethroids have been very successful in cleaning them up.

JUMBO GRASSHOPPERS

A few more grasshoppers have been sighted moving around mainly on Highway 33 south of Garden City. So far, there are no reports of them invading cotton fields. Bt cotton will not have any effect on grasshoppers.

GLYPHOSATE SPRAYING

Many of the older fields planted to Roundup Ready[®] varieties are near the fifth true leaf stage when over the top applications should be completed. We have seen severe effects when late treatments were made on Roundup Ready[®] varieties. The flex varieties allow you to make later applications with no adverse effects.

FERTILITY, WEED CONTROL AND PLANT GROWTH REGULATOR WORKSHOP

TUESDAY, JUNE 19TH
GLASSCOCK COOP 9:00 A.M.
MIDKIFF COOP 1:30 P.M.

Dr. Bill Warrick will be available to discuss fertility, weed control, plant growth regulators and general cotton production.

If you have weeds that you want to identify, please bring them along.

COTTON FLEAHOPPERS

One field of the April planted cotton is in the second week of squaring. The % square set is 65% and several adult fleahoppers can be found. There are only a few acres of the older cotton and fleahoppers seem to be concentrating there. We need to watch as the bulk of the cotton begins to square. More information will follow in the next newsletter.

TURNROW MEETINGS

Tuesday, June 26 9:00 am Glasscock Coop
 Wednesday, June 27 9:00 am Midkiff Coop

HEAT UNITS

Heat units averaged 17 per day the past week. Heat units since 5-15, 5-25,6-4 are compared with last year and a five year average in the table below.

DATE	5/15	5/25	6/4
2007	369	310	170
2006	591	422	231
5 YEAR AVERAGE	503	359	196

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
5/30/07	88	66	0	10	75
5/31/07	89	66	0	11	77
6/1/07	89	68	0	14	77
6/2/07	86	68	0	8	77
6/3/07	89	62	0.65	8	78
6/4/07	85	58	0	5	76
6/5/07	90	60	0	6	76
6/6/07	95	67	0	16	77
6/7/07	95	71	0	9	78
6/8/07	81	62	0	11	78
6/9/07	88	67	0	8	78
6/10/07	89	69	.02	8	78
6/11/07	90	71	0	9	79
6/12/07	81	64	1.01	6	78
6/13/07	91	65	0	6	77

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