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PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Dry, warm conditions prevailed this week. Cotton is progressing well and ranges from squaring to 3rd week of bloom. Fleahoppers continue to be a problem in several area fields and bollworm activity has increased substantially in some. Moisture stress is showing in some dryland fields while, so far, we have been able to keep up with water demand in most irrigated fields.

SCOUT SAFETY

It is of utmost importance that the scouts are not unnecessarily exposed to insecticides before the re-entry interval has passed. Please contact your scouts or me if your scouted field is sprayed near the time it will be scouted. This includes eradication treatments also.

FLEAHOPPERS

Fleahoppers ranged from 0-25 per 100 terminals and square sets ranged from 64-100 percent. Most concern should be in the late May and June planted cotton that is still in the 1st 3 weeks of squaring. Migration of fleahoppers from the older cotton can cause considerable damage rapidly and you do not have as much time to compensate. We need to have pin-head squares set on the plant in the next couple of weeks to have a chance to make a harvestable boll.

I have also seen a couple of fields of older cotton that are at 1st bloom with fruit set less than desirable. Treatments of fields at bloom are usually not recommended, but these may be an exception. The general economic threshold is 25-30 fleahoppers per 100 terminals and a square set dropping below 75%. On this late cotton, I wouldn't let the square set drop below about 85%.

BOLLWORMS

Activity picked up late last week and early this week across the area.

Bollworm eggs ranged from 0-15,000 per acre or 0-40 per 100 plants.

Small worms ranged from 0-12 per acre or 0-30 per 100 plants.

Medium worms ranged from 0-900 per acre.

Most fields have lower numbers, but you need to check all fields for worm activity. One of the highest worm counts was a Bollgard I field. All worms were 1-2 days old and found in bloom tags. Hopefully, more will die, but we will be watching to see if additional control is necessary.

TURNROW MEETINGS

Tuesday, July 26 9:00 am Glasscock Coop

Wednesday, July 27 9:00 am Midkiff Coop

Tuesday, August 2 9:00 am Glasscock Coop

Wednesday, Aug 3 9:00 am Midkiff Coop

APHIDS

Aphids are still scattered in low numbers. They are usually found on a single plant near a skip.

STINK BUGS

An occasional stink bug can be found, but no economic number yet.

BEET ARMYWORMS

We are seeing a few scattered armyworms with one field in northeast Glasscock county having an economic population. This field also had lower numbers about 3 weeks ago. Keep your eyes open for additional development.

PLANT GROWTH REGULATORS

I am receiving several questions about PGR's. If we do not receive more rain, most fields will not need PGR's unless you have a lot of water available or you are in those areas that historically have cotton that has grown too big.

If your cotton has 9-10 nodes above white flower or the upper 5 inter-nodes average over 2" and you have 3+ gallons per minute water available, you should consider applying a PGR.

BOLL WEEVIL ERADICATION

Below is some information on the Boll Weevil Eradication program through the week of July 15th.

	North Glasscock	Midkiff	Central St Lawrence	Reagan County
	201	202	203	204
Weevil Captures Per Trap This Week	.0159	.0008	.0030	.0116
Weevil Captures Per Trap This Year	1.045	.0112	.3290	.0753
Treatments This Week (ac.)	1,283	190	387	730
Treatments This Year (ac.)	16,010	744	2,076	5,031

They do not have information for this week, but there has been an increase in weevils captured and fields treated. Most captures are single weevils in scattered fields.

HEAT UNITS

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

DATE	5/5	5/15	5/25	6/5
2005	1364	1243	1085	937
2004	1538	1400	1213	994
5 YEAR AVG	1438	1300	1148	961

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
7/7	101	68	0	7	84
7/8	98	69	0	9	85
7/9	96	70	0	9	86
7/10	93	65	.22	4	85
7/11	96	63	0	4	83
7/12	86	70	0	3	83
7/13	93	67	0	3	82
7/14	97	64	0	4	83
7/15	93	67	.01	5	84
7/16	91	64	0	4	85
7/17	91	65	0	9	85
7/18	93	72	0	9	85
7/19	93	68	0	7	85
7/20	93	70	0	8	86

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