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PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Isolated showers have resulted in up to an inch in a few spots, but the majority of the area remains rainless. Dryland cotton is being zeroed out at this time since no stand was achieved. Irrigated cotton ranges from poor to good, depending on the amount of water available. Most area cotton ranges from 3-4 leaf to second week of squaring. Insect activity is light with fleahoppers being the insect to watch for at this time.

SCOUT SAFETY

If you are spraying the fields the scouts are checking, please contact them or myself so they will not be unnecessarily exposed to pesticides. Thanks

SCOUTING PROGRAM

With many fields at or past 1st square, the scouts are now concentrating on fleahopper counts and square sets.

SAND BURN

Many fields in the area received various degrees of burn from the winds off of the thunderstorms in the area. These are fields that have not received any rain since planting and are very dry and fine. It was also worse near turnrows or other areas the dirt could start blowing. Adequate moisture and time will determine how well these fields recover.

THRIPS

Most cotton is now past the thrips susceptible stage unless it is set back for other reasons like wind burn.

FLEAHOPPERS

Fleahoppers ranged from 0-10 per 100 plants and square sets ranged from 95-100% in fields scouted this week. So far, all squaring cotton in adequately setting squares.

BOLLWORMS

The scouts have picked up a couple of bollworm eggs this week, but they are few and far between.

BOLL WEEVILS

No weevils have been caught this season.

GLYPHOSATE HERBICIDE

Some people are asking about late applications of Glyphosate herbicide on regular Roundup Ready[®] cotton. Damage can be extremely variable. Tests on the high plains showed a reduction in yield 2 out of 3 years from 5-19% with applications made after the 5th true leaf is 1 inch in diameter. The later you wait, the more chance of yield loss. If you have a field that you may lose to weeds, the label states you can make a rescue application, but yield may be reduced.

TURNROW MEETINGS

Tuesday, July 1 NO TURNROW MEETING
 Wednesday, July 2 NO TURNROW MEETING
 Tuesday, July 8 9:00 am Glasscock Coop
 Wednesday, July 9 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
6/12	101	73	0	16	84
6/13	101	73	0	13	85
6/14	99	72	0	11	85
6/15	102	73	0	14	86
6/16	104	75	0	15	86
6/17	100	73	0	12	86
6/18	94	66	0	10	86
6/19	100	69	0	15	85
6/20	91	63	0	11	84
6/21	91	67	0	6	84
6/22	95	63	0	6	84
6/23	96	66	0	9	85
6/24	96	69	0	11	84
6/25	97	72	0	13	84

HEAT UNITS

Heat units averaged 21 per day the past week. Heat units since 5-10, 5-20, 5-30 and 6-9 are compared with last year and a five year average in the table below.

DATE	5/10	5/20	5/30	6/9
2008	763	671	639	404
2007	609	566	458	290
5 YEAR AVERAGE	802	697	550	356

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	20-25	300 to 350
Planting to 1 st Flower	60-70	775 to 850

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