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PEST MANAGEMENT REPORT

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

GENERAL SITUATION

Cotton ranges from emergence to 1/3 grown squares. Hot & dry weather persists with a scattered thunderstorm or two on Friday night that caused some wind and hail damage in north Glasscock County and very little moisture. The main cotton pests now are deer, rabbits, quail and little black darkling beetles.

SCOUTING PROGRAM

I think the scouts have located all fields and should be on a weekly schedule from now on.

FLEAHOPPERS

Fleahoppers ranged from 0-10 per 100 terminals. Percent square sets ranged from 88-100%. Fleahoppers remain below thresholds and square sets look good.

BLACK BEETLES

Small dull black-colored beetles 3/16 inch long have been feeding at or just below the soil surface in several area fields causing stand loss. The last time we saw a problem was in 2003. They seem to be most prevalent in fields that are near wheat or have an abundance of plant residue on soil surface. They have caused stand loss on several hundred acres in the area, but it seems like populations are dropping off now.

The later planted cotton is most susceptible because the seedling plants are more tender and a few bites can destroy them.

If sufficient beetles are found and stand loss is being excessive, control with a pyrethroid is your best choice.

SPRAYER CLEANING

As usual, I have looked at several fields of cotton that have been damaged by herbicide residual in sprayers that are being used for Roundup® over the top application. I can't stress how important proper tank and spray boom cleaning is after using herbicides that will damage cotton.

COTTON FERTILITY

It is time to apply fertilizer to cotton if you have not already begun. With the excessive heat, dry conditions, and high fertilizer costs, I would adjust fertilizer inputs to realistic yield goals. Water will be the limiting factor in most area fields.

WHITE GRUBS IN LAWNS

I have had several questions concerning white grub control in lawns. If you have had trouble with white grubs, I would treat for them in the next couple of weeks with Bayer Advanced Season Long Grub Control® (with Merit or Imidacloprid as the main ingredient). Water yard well before and after application of the insecticide.

BOLL WEEVIL ERADICATION

Trap catches have dropped off and we should be past peak emergence from overwintering. A total of 19 weevils were caught last week with most found north and east of Garden City. Five hundred forty-four acres were sprayed last week bringing the total to 1729 acres for the year.

HEAT UNITS

Heat units averaged 24 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	905	785	617	469
2005	762	641	484	404
5 YEAR AVERAGE	845	703	544	429

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

UPCOMING MEETING AND RETIREMENT PARTY FOR CHARLES STICHLER

Thursday, July 6

6:30 p.m.

Glasscock County Coop

We are having Charles Stichler come for his last program here as an Extension Agronomist. We will also have a meal & refreshments to honor his long and distinguished career.

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
6/8	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
6/14	101	70	0	8	87
6/15	100	70	0	15	87
6/16	99	73	0	18	87
6/17	97	71	0	13	87
6/18	99	68	0	11	87
6/19	101	70	0	10	87
6/20	98	65	0	7	87
6/21	96	71	0	13	88

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