

# **PEST MANAGEMENT NEWS**

## **NEWS ABOUT INTEGRATED PEST MANAGEMENT FOR PRODUCERS IN RUNNELS-TOM GREEN COUNTIES**

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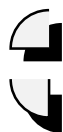
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### GENERAL SITUATION



A large percentage of the program fields are blooming with few pest problems to report. The mid-to-late June planted cotton is progressing well but is still very susceptible to fleahopper damage. Fleahopper numbers ranged from 5 to 67 fleahoppers per 100 terminals this week, therefore, producers should watch square sets closely in the late cotton. Rain showers last Sunday morning brought some much needed rain to parts of Runnels County. Tom Green county only received a “smell of rain.” Hopefully, this cold front moving through this weekend will bring additional rainfall to the whole area.



### FLEAHOPPERS



Most cotton fields are fruiting well and have 12-15 fruiting positions set going into the first week of bloom. Fleahoppers are not going to be a problem in these fields any longer. The late-planted cotton fields which have less than 6-8 fruiting positions set should be monitored for fleahoppers, fleahopper damage (blasted squares) and fruit retention. It's important to have our crop set within the next week to ten days. Remember, it takes approximately 25 days to go from pinhead to White Flower (300-350 HU's) and another 55-60 days to go from White Flower to open boll (850 HU's).



## BOLLWORMS



Bollworm egg counts ranged from 0 to 71 eggs per 100 plants this week. Higher counts were in the Eola, Veribest and Norton areas. Larval counts ranged from 0 to 9 treatable worms per 100 plants. No fields scouted this week were at the economic threshold of 10-12 worms per 100 plants or 5,000 worms per acre.



## PINK BOLLWORM



Pheromone Traps are being put up in the Vancourt area this week to monitor pink bollworm activity. This area sustained considerable damage from pinkies last fall.



## GRAIN SORGHUM



Headworm numbers remain generally low in fields inspected this week. Less than 1 per head. Stink bug infestations seem to be increasing somewhat in many sorghum fields. Need to pay close attention to this pest because they can move into cotton later in the season and cause significant problems. Stink bugs will feed on soft bolls in cotton and cause boll shed, seed damage and lint staining. Many bolls can become hard-locked as well. There are no problems at this time, I just wanted to alert everyone of the possibility of stink bug migration into cotton later.



## UPCOMING ACTIVITIES IN JUNE



Turnrow meetings will be:

<b>Wall Coop</b>	<b>9:00 a.m.</b>	<b>Tuesday</b>	<b>July 27</b>
<b>Ballinger Coop</b>	<b>8:30 a.m.</b>	<b>Wednesday</b>	<b>July 28</b>

Budworm/Bollworm Traps								
Traps baited June 11, 2004-rebaited every two weeks								
	Runnels				Tom Green			
Date	Budworms Avg. Daily # trapped		Bollworms Avg. Daily # trapped		Budworms Avg. Daily # trapped		Bollworms Avg. Daily # trapped	
	2003	2004	2003	2004	2003	2004	2003	2004
6/16	0	.6	54 (6/18)	16.2	1 (6/18)	0	45.5 (6/18)	2.5
6/21	0	2.6	40.8 (6/23)	.8	n/a	0	(6/23)	1.3
7/02	0	0	7.7 (6/30)	n/a	1.5	0	23.5	n/a
7/07	0	0	0	3.4	.2	0	13.8	5.8
7/15	0	0	.25 (7/14)	.13	.5 (7/16)	.11	.5 (7/16)	5.7
7/21	0	.5	0	0	1	0	15.7	11.8



## WEATHER INFORMATION



### ROWENA

Heat Unit Accumulations			Date	ET° PET (in)	Max. Air Temp.	Min. Air Temp.	Average Wind Speed
2004 Planting Dates	July 15	July 21	July 10	.2935	96	70	6.998
May 1	1,413.9	1546.9	July 11	.3142	97	67	7.462
May 15	1,266.1	1399.0	July 12	.2984	94	68	8.541
June 1	955.8	1088.7	July 13	.3052	97	66	7.412
June 10	781.9	914.8	July 14	.3935	101	73	5.627
June 15	666.7	799.6	July 15	.3005	101	64	4.434
			July 16	.2913	101	66	4.294
			July 17	.3199	103	67	5.954
			July 18	.1770	90	66	3.738
			July 19	.2495	96	70	3.786
			July 20	.2825	97	69	4.840
			July 21	.2564	94	67	4.503

Rainfall	
May	.54
June	2.89
July 21	0.87

## WALL

Heat Unit Accumulation			Date	ET° PET (in)	Max. Air Temp.	Min. Air Temp.	Average Wind Speed
2004 Planting Dates	July 15	July 21	July 10	.2833	94	71	5.873
May 1	1419.6	1548.5	July 11	.2962	94	69	6.426
May 15	1269.1	1398.0	July 12	.2667	91	68	6.810
June 1	953.7	1082.6	July 13	.2819	94	67	6.051
June 10	767.5	896.4	July 14	.2907	99	66	4.173
June 15	651.7	780.6	July 15	.2915	99	63	4.216
			July 16	.2789	99	64	4.097
			July 17	.2926	101	67	4.871
			July 18	.2016	89	66	5.131
			July 19	.2374	97	69	3.389
			July 20	.2897	97	69	4.946
			July 21	.2551	94	65	4.046

Rainfall	
January	1.05
February	2.39
March	1.73
April	2.47
May	.60
June	3.10
July (as of July 21)	.23

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