

TEXAS COOPERATIVE EXTENSION  
SOUTHERN BLACKLANDS  
**PEST MANAGEMENT NEWS**  
WILLIAMSON AND MILAM COUNTIES

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## GENERAL SITUATION

The Southern Blacklands received more scattered showers over the past week. The majority of the area received less than 0.5 inches, but some areas were fortunate to receive upwards to 3 inches. That moisture should help the younger cotton. Some corn and grain sorghum harvest has started and should pick up pace rapidly as the weather clears out.

## COTTON

Cotton ranges from early bloom to open boll. Based on how fast the crop has been opening in the southern part of the state, I expect this cotton to mature out very quickly.

Cotton aphids and spider mites remain at very light levels across our area. The numbers began to decrease prior to the first set of showers that were received two weeks ago, and have remained light since.

Beneficial insect levels range from light to moderate. We continue to find relatively good numbers of lady and sycmnus beetles, minute pirate bugs, green lacewings, and spiders. In some fields, fire ants have reappeared in high levels and appear to be helping reduce potential bollworm problems.

Speaking of cotton bollworms, egg counts are ranging from 0-68 per 100 plants checked. Bollworms range from 0-15 per 100 plants. The higher worm activity is coming from the Thrall/Thorndale area, some areas around Granger and in Milam County. We evaluated a set of worm eggs from a field in Rices

Crossing and one field at the Stiles Farm on July 14 using the Hel-ID kit from Agdia to determine the species composition. We tested 22 eggs from each location. 43 of the eggs tested positive for cotton bollworm and 1 was positive for tobacco budworm.

Remember that Bt cotton, especially the original Bollgard technology, is somewhat less effective on bollworms than budworms. So, those of you that have some late Bollgard cotton and are seeing some bollworms surviving on it, that is not unusual. It is still possible that some fields of conventional and/or Bollgard cotton could develop enough worms to require an insecticide treatment.

Also, keep in mind on fields of non-Bt cotton that if worms reach treatable levels, be sure to avoid using pyrethroid insecticides due to the resistance level in the bollworm population as discussed in last week's newsletter.

Beet armyworm populations continue to remain active in some fields of later cotton. Although I have not seen any treatable levels over the past week, I have seen some new "active hits".

The Williamson-Milam County trap line has not caught any weevils for two weeks now. In addition, data from the Eradication Foundation indicates that number of acres being sprayed has decreased over the past two weeks. However, it will not be long before I would expect trap catches to begin to increase again, if they are going to increase, once cotton begins to be sprayed with harvest aids probably within the next 7-14 days.

<b>Williamson County Boll Weevil Trapline</b>		
<b>Week Ending</b>	<b>2004</b>	<b>2005</b>
6/27	0	<b>2</b>
7/4	0	<b>0</b>
7/11	0	<b>0</b>

<u>Average number of weevils/trap/week</u>		
<u>Week Ending</u>	<u>2005</u>	<u>2004</u>
June 26	.0851	.0388
July 3	.0429	.0424
July 10	.0132	.058

<u>Weekly Acreage Treated</u>		
<u>Week Ending</u>	<u>2005</u>	<u>YTD</u>
June 26	36,387	189,827
July 3	38,029	227,856
July 10	28,862	256,718

