



## “Rio Blanco” Integrated Pest Management Update

Vital Crop Production Information for **Crosby** and **Floyd** Counties

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☛ **Cotton** is beginning to be harvested (dry land) in some areas with the majority of irrigated cotton undergoing some form of harvest aid chemical application.

☛ Information below, regarding crop termination timing, is taken from the **2005 High Plains Cotton Harvest Aid Guide** published by **Drs. Randy Boman, Wayne Keeling** and **Todd Baughman**. Copies of this Extension resource can be accessed from your local County Extension Office or via the internet at: <http://lubbock.tamu.edu> under “What’s New”.

*Nodes above cracked boll (NACB) is one of the tools that can be used to time harvest aid application. In a series of harvest aid projects, it was determined that if the uppermost first position-cracked boll is within three nodes of the uppermost harvestable first position boll, then no lint weight will be lost if a defoliant type harvest aid is applied. However, if the uppermost harvestable first position boll is four or more nodes above the first position cracked boll, then potential for some lint loss exists. Micronaire reduction may follow a similar pattern when using the NACB method.*

☛ Latest heat unit accumulations are **2453.5** HU’s through Sept.30, 2005, (since January 1) with the average for the same time frame for the past **5** years yielding approximately **2885.7** HU’s accumulated for that same period. From May 1 through Sept.30, 2005, there have been **2378** HU’s accumulated. A total of **482.5** HU’s has been accumulated for the month of September, alone.

Growth Stage	From Emergence	From Previous Stage
1 <sup>st</sup> True Leaf	16	16
Pin-head Square	455	439
Match-head Square	560	105
1/3 Grown Square	770	210
First Bloom	1064	294
First Open Boll	1641	577
95% Mature Bolls	2271	630

☛ **Dr. Randy Boman**, Area Extension Cotton Specialist, **Mr. Mark Kelley**, Cotton Research Specialist, assisting Dr. Boman, and **Dr. Peter Dotray**, Area Extension Weed Specialist, were in Crosby County on **September 28, 2005**, for presentation of demonstrations at the annual Crosby County crop tour. We had an excellent turn out by past standards and hope attendees took away some information useful in future crop years.

Again, I would like to thank all cooperators for their participation in, and in support of, field research conducted in 2005. Those individuals are; **Joe, Mark** and **David Appling; Marty Davis; Jim Parkhill;** and, **Regan Ware.**

**Dr. Randy Boman** has been instrumental in assisting in field demonstrations by providing material and resource information for particular cotton-related research.

**Mr. J.D. Harder**, United Ag Products of Plainview, has provided plant growth regulator chemical and herbicides for the past two crop years.

The following companies have also supplied cotton seed in 2005, as well as previous years: **AFD Seed, Alltex, Bayer Crop Sciences, Beltwide Cotton Genetics, Delta & Pine Land, NexGen, Stoneville,** and **Phytogen.**

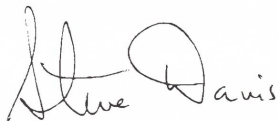
☛ **Boll weevils** have been trapped in the

Southern High Plains zone south of FM 40 near Caprock and on the East Plains, north and east of the White River Canyon with corresponding acreage treated this last week. This is not unheard of as weevils are active in an attempt to find refuge for diapause (overwintering). The actual number caught in traps is not known, however, it only takes one to trigger this response. I, for one, am extremely pleased that the Texas Boll Weevil Eradication Foundation is maintaining this vigil.

☛ **Meetings of Importance:** both on  
**Wednesday, October 5<sup>th</sup>**

**9:00 a.m.** - A cotton variety demonstration containing **fifty-five varieties** will be displayed in the Halfway area by **Dr. John Gannaway**, Texas Agricultural Experiment Station Cotton Breeder. Also, several new Round Up Ready Flex ® varieties will be showcased. For more information and specifics regarding this field day, contact the Lubbock office at (806) 746-6101.

**1:00 p.m.** - Lubbock will host one of the state-wide forums for producers to comment on the 2007 Farm Bill. The U.S. Department of Agriculture included this location for a "Farm Bill Listening Tour". This legislation will eventually guide U.S. farm policy and includes critical farm support and loan programs important to High Plains cotton producers. The department announced that the Lubbock forum will be conducted by Agriculture Secretary Mike Johanns at the Texas Tech University Museum Auditorium, beginning at 1:00 p.m. For more information, contact Roger Haldenby, Plains Cotton Growers, Inc., at (806) 792-4904.



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