



“Rio Blanco” Integrated Pest Management Update

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

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☛ Crosby/Floyd IPM Program irrigated cotton is developing well despite the hot, dry weather this past week. Growth ranges from third full week of squaring to 25% bloom in the earlier planted fields. Plant moisture requirements are 0.21 to 0.25 inches per day depending upon maturity. The average square sets have decreased slightly since last week to the mid 80 percentiles, on average. Despite the harsh weather, most drip irrigated and sprinkler irrigated cotton is supporting the relatively large square load as of this writing.

☛ Cotton fleahoppers have been reported in a few Program cotton fields north of Crosbyton, but levels remain sub-economic, considering the square set percentages. Once cotton begins to bloom, fleahopper presence is not considered a problem

☛ Bollworm and Beet armyworm moths are increasing in weekly trap catches with budworm numbers falling to zero, which is not unusual for this time of year. There have been no reported incidents of Lepidopterous pests in Program cotton, but **Robert Carter** (local consultant) has recommended treatment of one field south of Dougherty for bollworms, specifically. He also states that beneficial insects were numerous in two adjacent fields and have maintained these pests at manageable levels without chemical

intervention. The current weather conditions are most likely responsible for lower populations of this pest, area wide.

☛ Heat unit accumulations as of **July 12, 2006;**

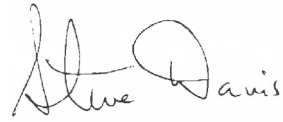
Heat Unit Accumulation

Five yr. Avg.	Jan. 1/06 to Date	May 1/05 to Date	May 1/06 to Date
1,348	1,411	1,004	1,146

☛ During the turn row meetings this week, Drs. Randy Boman and Mark Kelley stressed the proper timing of fertilization, plant growth regulator application and irrigation to support the boll load and efficient maturation of this year’s crop. Relevant publications may be viewed by linking <http://lubbock.tamu.edu> and the **Focus on Entomology** web page, **Center Programs** dealing with specific crops, fertility, irrigation, insects, etc. Hard copies may be received through your local County Extension office regarding these and other topics.

☛ As a group, we in Crosby and Floyd County’s Extension would like to express our thanks to Drs. Boman and Kelley and the managers and staff of Associated Cotton Growers and Floydada and Lockney COOP Gins for allowing us the opportunity to conduct turn row meetings at their facilities this week.

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A handwritten signature in black ink that reads "Steve Davis". The signature is written in a cursive style with a large, stylized "S" and "D".