



Pest Management News

Runnels-Tom Green Counties



Runnels—Tom Green Pest Management Steering Committee

Rodney Ripple, Chairmen
Bruce Gully
Jerry Multer
Dennis Minzenmayer
Glen Kellermeier
Howard Pruser
Brent Niehues

Tom Green County Field Crop Committee

Glen Kellermeier, Chairmen
Cole Mikulik
Harvey Kalina
Grant Matschek
Jeffery Schwartz
Gene Gully
Allen Gully
Bruce Gully

Ag & Natural Resources Committee

Dale Duggan, Chairmen
Paul Minzenmayer
Sally Buxkemper
Anthony Lange
Chester McCown
Randall Conner
Cecil Kalina
Cody Halfmann
Neal Niehues
John Lange
Chad Halfmann

Inside this Issue

Cotton Harvest Aids 1-2
Total Heat Accumulations 3
Upcoming Events 3
TGC Cotton Tour Flyer 4

Texas A&M AgriLife Extension

Volume XXVIII No. 12

General Situation

Cotton is maturing very quickly. Some of you have applied Harvest Aids, and a lot will be applied very soon. I hope to have preliminary results of a Dryland Cotton Harvest Aid trial next week to share with you. I don't know of any wheat planted other than a few fields I've seen driving around that are obviously for grazing. When it does start raining, watch closely for fall army worms. Cool and wet following hot and dry makes ideal conditions. If you are planting wheat later this fall make sure you have broken the "Green Bridge" (clean fields and borders) for at least 30 days, if not longer, to help deter any insect or disease carry over.

Josh Blanek, CEA Ag/NR
Tom Green County

Cotton Harvest Aid's

When is it Time to Apply a Defoliant? I found this article that Rick put in the newsletter last year about this time and thought it would be good to revisit.



Nodes above cracked boll (NACB) is a tool that can be used to time harvest aid application (Figure 1). A Beltwide cotton harvest aid project was conducted over multiple sites and years by Kerby, Supak, Banks, and Snipes. 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 at that time (Figures 1 and 2 - next page). However, if the uppermost harvestable first position boll is four or more nodes above the uppermost first position cracked boll, then potential for some lint loss exists. The lint loss potential increases as the NACB increases. Micronaire reduction generally follows a similar pattern when using the nodes above cracked boll criterion. When defoliant type chemicals are applied, some slight subsequent fiber development may occur before defoliation. If applying desiccants, more bolls must be mature in order to reduce the risk of fiber weight loss or reduction of micronaire, thus two to three NACB would be a better target.

Cotton Defoliation (Cont)

Figure 1. Determining nodes above cracked boll.

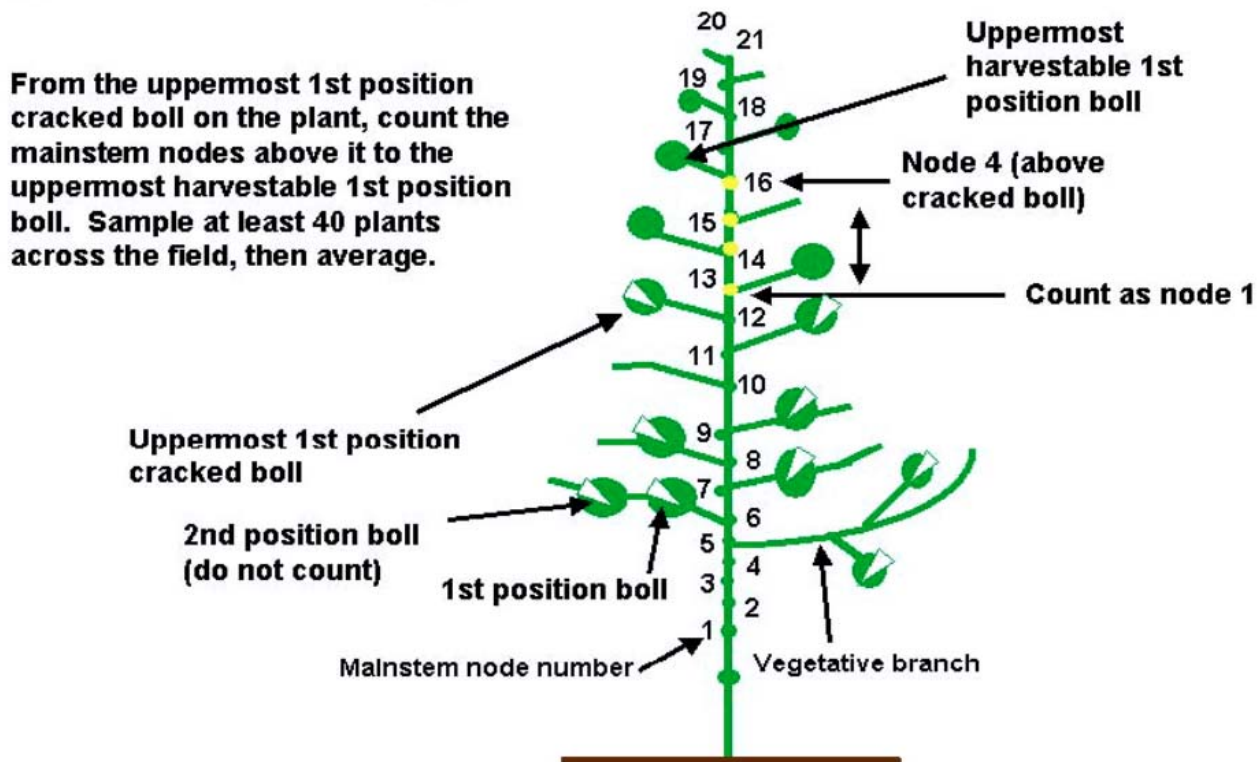
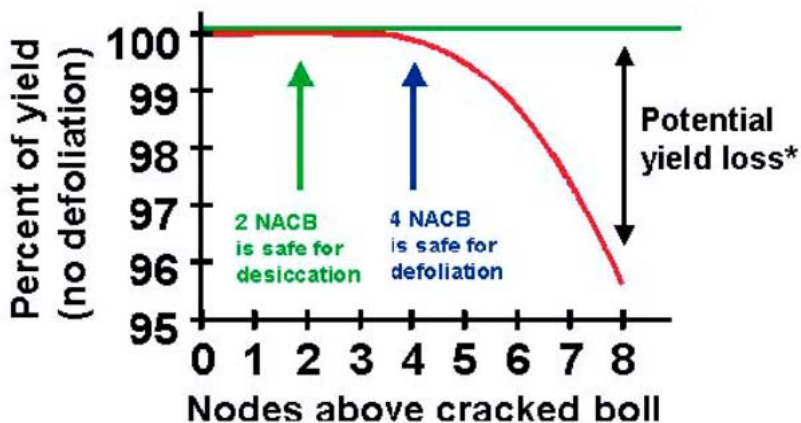


Figure 2. Potential yield loss based on NACB method.



* when desiccating, add 2 to value for NACB to determine the effect on yield (desiccation at 2 NACB=percent of yield at 4 NACB for defoliation)

Pest Management News

Total Heat Unit (HU) Accumulations

Planting Date	Total HU Accumulation as of September 17, 2015	Long Term Average
May 15, 2015	2,746	2,667
May 25, 2015	2,621	2,519
June 5, 2015	2,454	2,330
June 15, 2015	2,240	2,140

Upcoming Events

Cotton Tours

Runnels County Cotton Turnrow Meeting will be held **Wednesday, September 23rd** at the **Paul Minzenmayer farm**. The Minzenmayer farm is located at County Road 303 near Poe's Corner (Intersection of FM 2111, FM 384 and State Highway 153, outside of Winters). Following the tour of varieties at the farm, the program will move to the Winters Community Center, 410 Novice Road. Growers will receive TDA Law and Reg's updates and small grain updates. Registration for this event is free; for more information or to RSVP call the Runnels County Extension Office at 325-365-5042 by September 21st. Three (3) TDA CEUs (1-L&R, 1-IPM, 1-Gen) will be offered.

Tom Green County Cotton Field Tour will be held **Monday, October 5th** beginning at **9:00 am at the John and Doug Wilde Farm**. Registration and Tour will begin at the variety plot located off Old Eola Road. The Field Tour includes an irrigated cotton variety test and harvest-aid trial. The tour will conclude at the Tom Green County 4-H Building with TDA Laws & Reg's update, drift liability concerns, Cotton Rootrot updates, Boll Weevil Eradication Update and SRPCGA updates. 3 TDA continuing education units (1 L&R, 1 IPM, 1 General) will be given to those attending the entire tour. Registration and lunch is free for those who RSVP by September 28th. To RSVP or for more information, contact the AgriLife Extension office in Tom Green County at 325-659-6523.

Trade names of commercial products used in this report is included only for better understanding and clarity. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas A&M AgriLife Extension Service and the Texas A&M University System is implied. Readers should realize that results from one experiment do not represent conclusive evidence that the same response would occur where conditions vary.

Cotton Tour

TEXAS A&M
AGRI LIFE
EXTENSION



2015 Tom Green County Cotton Tour

Monday, October 5th, 2015

9:00 AM Meet at John & Doug Wilde Farm
(variety plots are located on the Old Eola Rd accessed from FM 765, west of Loop 306)

Tour Stops: * Irrigated Cotton Variety Test
* Harvest-aid Demonstration



Noon: Tom Green County 4-H Building
3168 N. US Hwy 67—San Angelo (next to Animal Shelter)
Complimentary Meal

Speakers: Herbicide Spray Drift Liability; TDA Laws & Regulations; Aerial Imagery
to monitor Cotton Root Rot Infections; SRPCGA & Texas Bollweevil
Eradication Update

3—TDA CEUs Available

(1 L&R, 1 IPM, 1 General)

Please RSVP by September 28th to the Tom Green Extension Office at
325-659-6523 so we may have a number attending for the caterer.



Individuals with disabilities who require an auxiliary aid, service or other accommodations in order to participate in Extension sponsored events are encouraged to contact the County Extension Office by Monday, Sept 28, 2015 to determine how reasonable accommodations may be made.