

PEST MANAGEMENT NEWS

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

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GENERAL SITUATION



Rain showers early in the week brought 0.5 to 2.0 inches of rain over much of the area. Highest rainfall amounts were west of Wingate and south of Wall. Hail storms in the Dry Hollow area of Concho County wiped out several cotton fields but it seemed to have affected just a small area. It's been pretty quiet as far as insects are concerned. Cotton is growing out of the Thrips damage and progressing nicely. Fleahoppers are beginning to move into cotton and producers are encouraged to monitor their fields closely once squaring begins in their respected cotton fields. Scouts are on a regular schedule now and information collected is being left at area gins. Scouts for this year are Randi Shannahan, Jacqui Begnaud and Samantha Burgess. Our technician for this year is Nino Brown from Texas A&M University. If you are interested in knowing what the situation is in your area, go by the gin and look at the scouting reports. If you have questions, please give me a call. Most of the cotton that was scouted this week was pre-squaring (cotyledon to 4-5 true leaf) and responding well to the cooler temperatures and improved moisture conditions. A few of the early planted cotton fields have reached matchhead square stage and square sets ranged from 73% to 92% retention. Fleahopper numbers ranged from 0 to 35 per 100 terminals. Higher numbers were in northern Runnels County in older cotton.



COTTON



Cotton for the most part is growing out of the Thrips vulnerability stage and into the stage where fleahoppers will be a concern. With all the weed hosts burning down and being plowed out now, fleahoppers will be migrating into adjacent cotton fields. Cotton that is squaring should be watched closely over the next three to four weeks. **Remember: Both numbers of fleahoppers present and percent square retention is used when determining if treatment is warranted.**

Some suggested insecticides for fleahopper control include:

Insecticide	Rate	Cost (Broadcast)
Centric®	1.5 oz./acre	\$7.23/acre
Bidrin®	2-3 oz./acre	\$1.43-\$2.15/acre
Address®90 S	4 oz./acre	\$2.40/acre
Dimethoate®	8 oz./acre	\$2.18/acre
Intruder®	0.6 oz./acre	\$5.10/acre



GRAIN SORGHUM



Grain sorghum is progressing well. The recent rain events have certainly improved our prospects on the sorghum. Much of it is heading with very little insect pressure. A few stink bugs can be found but nothing to be concerned with today.



UPCOMING ACTIVITIES IN JUNE



The “Daily Crop Update” sponsored by the SRPCGA will begin on Monday June 28th. The telephone number is 325-365-2642 and will provide daily insect updates, crop development information and some weed management tips.

Turnrow meetings will be: **Wall Coop** **9:00 a.m.** **Tuesday** **June 29**
Ballinger Coop **8:30 a.m.** **Wednesday** **June 30**

Accumulated head units (DD60s) required for developmental stages of cotton

Growth Interval	Number of Days (range)	Heat Units (range)
Planting to seeding emergence	4-9	50-60
Emergence to first square	27-38	425-475
Square to white flower 2	0-25	300-350
Planting to first flower	60-70	775-850
White flower to open boll	45-66	850
Planting to cutout	80-100	1,000-1,600
Planting to harvest	130-170	2,600
Between nodes:		
Up the main stem	2-34	0-60
Out of the branch	5-7	80-120



WEATHER INFORMATION



ROWENA

Heat Unit Accumulation				Date	Max. Air Temp.	Min. Air Temp.	Average Wind Speed														
2004 Planting Dates	June 13	June 22		June 8	87	69	10.483														
May 1	725.0	921.1		June 9	89	69	10.355														
May 15	577.2	773.3		June 10	93	74	11.921														
June 1	267.5	463.6		June 11	96	75	10.184														
June 10	93.0	289.1		June 12	94	73	10.224														
June 15	173.9	173.9		June 13	99	63	8.853														
<table border="1"> <thead> <tr> <th colspan="2">Rainfall</th> </tr> </thead> <tbody> <tr> <td>January</td> <td></td> </tr> <tr> <td>February</td> <td></td> </tr> <tr> <td>March</td> <td></td> </tr> <tr> <td>April</td> <td></td> </tr> <tr> <td>May</td> <td>.54</td> </tr> <tr> <td>June (through June 22nd)</td> <td>2.00</td> </tr> </tbody> </table>				Rainfall		January		February		March		April		May	.54	June (through June 22 nd)	2.00	June 14	97	68	7.441
				Rainfall																	
				January																	
				February																	
				March																	
				April																	
				May	.54																
				June (through June 22 nd)	2.00																
				June 15	93	69	6.808														
				June 16	97	64	7.578														
June 17	98	72	7.166																		
June 18	99	71	7.689																		
June 19	95	71	5.299																		
June 20	99	66	6.851																		
June 21	96	67	9.698																		
June 22	86	66	7.780																		

WALL

Heat Unit Accumulation				Date	Max. Air Temp.	Min. Air Temp.	Average Wind Speed
2004 Planting Dates	June 13	June 22		June 8	88	71	8.474
May 1	744.9	944.3		June 9	93	71	8.071
May 15	594.4	793.8		June 10	92	74	11.576
June 1	279.0	478.4		June 11	95	76	9.952
June 10	92.8	292.2		June 12	93	73	8.930
June 15		176.4		June 13	98	65	8.919

Rainfall	
January	1.05
February	2.39
March	1.73
April	2.47
May	.60
June (through June 22 nd)	1.55

June 14	97	69	6.695
June 15	95	70	6.500
June 16	96	66	5.640
June 17	97	73	6.094
June 18	98	70	5.595
June 19	97	70	6.034
June 20	99	70	5.887
June 21	98	65	10.714
June 22	83	66	8.997

Southern Rolling Plains Cotton Growers Association Conservation Tillage Tour

Date: Thursday, July 8, 2004
 Time: 8:30 a.m.
 Place: Richard Pelzel Farm - ½ mile North of Miles on FM 2872

Tentative Agenda:

Equipment Demonstration:

- A. John Deere Conservation Tillage Equipment (Terra Till)
- B. Bingham Brothers Tillage Equipment (Strip'Till)
- C. Yetter Strip'Till Equipment
- D. Spray Nozzle Demonstration & Calibration of Sprayers - Dr. Warrick
- E. Other Tillage Equipment

Time: 10:30 a.m.
 Place: Move to Weatherby Hall, Miles, for Speaker's Presentations:

- A. Grower's Liability Responsibility Regarding Spray Drift - Mr. Tim Howard, Texas Farm Bureau, Waco, Tx
- B. Spray Drift Liability - State Law and Regulations - Mr. Cain Cline, TDA
- C. Questions/Answers

Complimentary Hamburger Lunch

CEU's - You will receive a form at the field and will turn it end at the end of the speakers program at Weatherby Hall. One hour of Laws & Regs, ½ hour of Drift Minimization, and ½ General will be given. If you have any questions, please call Sid Long at 325-453-2222.