

**2017 Wharton Cotton Harvest Aid Ratings**  
**By Corrie Bowen**  
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Attached are the results for the cotton defoliation study that was sprayed on July 28, 2017 in Wharton, Texas. A rating of the July 28th application (Application Timing A) of 13 different defoliation treatments was taken on August 2, 2017. The percentages given for % Defoliation, % Desiccation, % Green Leaf, and % Open Boll for the attached report is a measure of only Application A at 5 days after spraying. The attached report does not reflect the second application of defoliant (Application Timing B), as the treatments that called for a second spraying were not sprayed until August 4<sup>th</sup>. Approximate cost estimates reflect total cost of the treatment (e.g. Total cost of Treatment A and Treatment B). I will follow up later this week with the results of the defoliation study taken at 12 days after the initial defoliation. The second report will also reflect % regrowth for the 13 treatments.

## 2017 Cotton Harvest Aid Trial – Wharton County

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First application (App Timing A) was made on July 28, 2017. Ratings were taken on August 2, 2017

Second application (App Timing B) was made on August 4, 2017

Cost per acre is approximate and should only be used to determine relative cost of applications.

Treatment	Product	Rate	App Timing*	% Defoliation August 2, 2017 5 Days After Trt.	% Desiccation August 2, 2017 5 Days After Trt.	% Green Leaf August 2, 2017 5 Days After Trt	% Unopened Boll August 2, 2017 5 Days After Trt	Approximate Cost, \$/acre
1	Untreated Check			0.0 f	0.0 d	100 a	12.90 a	\$0.00
2	Thidiazuron SC	2.4 oz/a	A	88.3 a	3.7 c	8.0 e	9.37 a	\$3.88
	Ginstar	2 oz/a	A					
3	Thidiazuron SC	2.4 oz/a	A	76.7 bcd	5.0 bc	18.3 cd	5.87 a	\$7.75
	Ethephon	21 oz/a	A					
	Ginstar + NIS(0.25%)	2 oz/a	B					
4	Thidiazuron SC	2.4 oz/a	A	58.3 e	5.0 bc	36.7 b	8.10 a	\$7.02
	Ethephon	21 oz/a	A					
	Folex	4 oz/a	A					
5	Thidiazuron SC	2.4 oz/a	A	73.3 d	5.0 bc	18.3 cd	7.70 a	\$8.04
	Ethephon	21 oz/a	A					
	Folex	6 oz/a	A					
6	Thidiazuron SC	2.4 oz/a	A	85.0 ab	5.0 bc	10.0 de	5.87 a	\$11.51
	Folex	4 oz/a	A					
	Ethephon	24 oz/a	B					
	Folex	8 oz/a	B					
7	Thidiazuron SC	2.4 oz/a	A	75.0 cd	6.7 ab	18.3 cd	7.37 a	\$12.64
	Ginstar + NIS(0.25%)	2 oz/a	A					
	Aim + NIS(0.25%)	1.5 oz/a	B					
8	Thidiazuron SC	2.4 oz/a	A	83.3 abc	6.7 ab	10.0 de	9.57 a	\$16.96
	Sharpen + MSO (1.0%v/v)	0.5 oz/a	A					
	Sharpen + MSO (1.0%v/v) + AMS(7.5lb/100 gal)	1 oz/a	B					
9	Thidiazuron SC	2.4 oz/a	A	73.3 d	5.0 bc	20.0 c	8.07 a	\$11.04
	Ethephon	21 oz/a	A					
	ETX + COC (1.0%v/v)	1.3 oz/a	B					
10	Thidiazuron SC	2.4 oz/a	A	68.3 d	6.7 ab	25.0 c	11.47 a	\$10.22
	Ginstar + NIS (.25%v/v)	2 oz/a	A					
	Aim + NIS (.25%v/v)	1 oz/a	B					
11	Thidiazuron SC	2.4 oz/a	A	73.3 d	8.3 a	18.3 cd	6.23 a	\$14.73
	Finish 6 Pro	21 oz/a	A					
	Ginstar + NIS(.25%v/v)	2 oz/a	B					
12	Thidiazuron SC	2.4 oz/a	A	76.7 bcd	5.0 bc	18.3 cd	9.2 a	\$17.43
	Finish 6 Pro	21 oz/a	A					
	Gramoxone + NIS (.25%v/v)	24 oz/a	B					
13	Ethephon	21 oz/a	A	73.3 d	5.0 bc	18.3 cd	7.00 a	\$7.81
	Ginstar + MSO (1.0%v/v)	2 oz/a	A					
14	Thidiazuron SC	1.2 oz/a	A	85.0 ab	5.0 bc	10.0 de	12.53 a	\$3.29
	Ginstar + MSO (0.5% v/v)	1 oz/a	A					

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