

WEST PLAINS IPM UPDATE

News about Integrated Pest Management in Hockley and Cochran Counties

Volume 10 - No. 14

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October 6, 2005

The following cotton harvest aid trial data is intended to assist you with decision making on what to use. I would also refer you to <http://lubbock.tamu.edu/cotton/pdf/2005harvaidhandout.pdf> for the current cotton harvest aid guide. The following plots will be treated with 16 oz Gramoxone very soon, and will be ready to harvest soon after. Thank you to Darrell Gresham and Bobby Neal for their cooperation. If you have any question give me a call at 806 894-2406.

2005 Cotton Harvest Aid Trial, Darrell Gresham, Arnett +1000 lb. Lint Yield Potential								
Treatment on Sept. 22, 2005	7 Days after treatment on Sept. 29, 2005				14 Days after treatment on Oct. 6, 2005			
	% Green Leaf	%Leaf Dessica tion	% Defolia tion	% Open Boll	% Green Leaf	%Leaf Dessicat ion	% Defoliati on	% Open Boll
Prep 24oz + Def 12oz + NIS	9.7	0	90.3	90.3	3	0	97	98.7
Finish 24oz + Def 10oz + NIS	10.3	0	89.7	95.3	1.3	0	98.7	100
Prep 32oz + Gramoxone 4oz + NIS	13.7	0	86.3	97.3	6.7	0	93.3	99
CottonQuik 48 + ET 1.5oz + COC	13	0	87	94	3.7	0	96.3	100
Prep 24oz + Ginstar 5oz + NIS	13.3	0	86.7	90.3	4.3	0	95.7	99.3
Check	83.7	0	16.3	80.3	45	0	55	87.3

The ratings are an average of three observation from each treatment

The ratings of percent green, dessication, and defoliation are equal to 100% for a treatment.

NIS = 90% Non-ionic surfactant at 0.5% v/v (2 qrt per 100 gal mix)

COC = Crop oil concentrate at 1.0% v/v (1 gal per 100 gal mix)

2005 Cotton Harvest Aid Trial, Bobby Neal 700 lb. Lint Yield Potential

Treatment on Sept. 29, 2005	7 Days after treatment on Sept. 30, 2005				12 Days after treatment on Oct. 5, 2005			
	% Green Leaf	%Leaf Dessication	% Defoliation	% Open Boll	% Green Leaf	%Leaf Dessication	% Defoliation	% Open Boll
Prep 24oz + Def 10oz	4	0.3	95.7	87.3	1.7	0	98.3	97
Finish 16oz + Def 8oz + Gramoxone 4oz	1.7	1	97	91	1.7	0	98.3	96.3
Prep 24oz + Gramoxone 4oz	3.7	2	94.3	93.3	1.3	0	98.7	97.7
CottonQuik 32 + ET 1.5oz w/ COC	3.7	0.7	95.7	92.7	1.7	0	98.3	97.7
Prep 20oz + Ginstar 3oz	7	0.3	92.7	92	2.3	0	97.7	98.3
Gramoxone 16oz	0.3	25	74.7	93.7	0	10.7	89.3	98
Check	80.7	0.3	19	76.7	67.7	0	32.3	89

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West Plains IPM Update is a publication of the Texas Cooperative Extension IPM Program in Hockley and Cochran Counties.

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