

LSU Northeast Research Station

EFFECTS OF ROUNDUP READY COTTON AS A WEED IN ROUNDUP READY SOYBEAN AS INFLUENCED BY COMPETITION INTERVAL

Trial ID: _____ Study Dir.: _____
 Location: _____ Investigator: Donnie Miller

SITE AND DESIGN

Plot Width, Unit: 13.3 FT Plot Length, Unit: 40 FT Reps: 4
 Site Type: _____
 Tillage Type: _____ Study Design: RANDOMIZED COMPLETE BLOCK

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

APPLICATION DESCRIPTION

	A
Application Date:	
Time of Day:	
Application Method:	
Application Timing:	
Applic. Placement:	
Air Temp., Unit:	
% Relative Humidity:	
Wind Velocity, Unit:	
Dew Presence (Y/N):	
Water Hardness:	
Soil Temp., Unit:	
Soil Moisture:	
% Cloud Cover:	

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	GOSHI
Stage Scale:	
Density, Unit:	

APPLICATION EQUIPMENT

	A
Appl. Equipment:	
Operating Pressure:	
Nozzle Type:	
Nozzle Size:	
Nozzle Spacing, Unit:	
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	
Boom Height, Unit:	
Ground Speed, Unit:	
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	
Spray Volume, Unit:	
Spray pH:	
Propellant:	
Tank Mix (Y/N):	

LSU Northeast Research Station

Trial ID:		Study Dir.:							
Location:		Investigator: Donnie Miller							
Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Unit	CM	CM	CM	CM	CM	CM	CM		
Rating Date	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	1	2	3	4	5	6	7
1	1 WEEK REMOVAL		12 a	13 a	12 a	11 a	12 a	11 a	12 a
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON		12 a	12 a	11 a	12 a	11 a	12 a	11 a
LSD (P=.05)			4.4	4.2	3.4	3.3	2.3	2.7	2.4
Standard Deviation			1.9	1.9	1.5	1.5	1.0	1.2	1.1
CV			16.4	14.97	13.58	12.54	8.7	10.85	9.12
Grand Mean			11.88	12.5	11.25	11.63	11.5	11.13	11.63
Bartlett's X2			0.01	0.0	0.0	0.247	1.317	0.154	0.002
P(Bartlett's X2)			0.919	1.00	1.00	0.619	0.251	0.694	0.964
Replicate F			0.121	0.667	0.929	1.627	2.333	0.771	7.519
Replicate Prob(F)			0.9419	0.6265	0.5236	0.3494	0.2523	0.5819	0.0658
Treatment F			0.033	0.143	0.857	0.529	2.000	0.771	2.778
Treatment Prob(F)			0.8675	0.7306	0.4228	0.5195	0.2522	0.4444	0.1942

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA
Crop Code	CROP HTS	CROP HTS	CROP HTS	AVG HTS	WEED HTS	WEED HTS	WEED HTS
Rating Data Type	CM	CM	CM	CM	CM	CM	CM
Rating Unit	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005
Rating Date	ROW 2	ROW 2	ROW 2	ROW 2	ROW 1	ROW 1	ROW 1
Trt-Eval Interval							
ARM Action Codes				T1			
# Subsamples, Dec.				1			
Trt Treatment	Rate						
No. Name	Unit						
1 1 WEEK REMOVAL	8 12 a	9 12 a	10 12 a	11 11.9 a	12 11	13 11	14 11
2 2 WEEK REMOVAL							
3 3 WEEK REMOVAL							
4 4 WEEK REMOVAL							
5 5 WEEK REMOVAL							
6 6 WEEK REMOVAL							
7 7 WEEK REMOVAL							
8 8 WEEK REMOVAL							
9 FULL SEASON							
10 NO COTTON	12 a	12 a	12 a	11.7 a			
LSD (P=.05)	3.0	2.0	2.7	0.34	.	.	.
Standard Deviation	1.4	0.9	1.2	0.15	.	.	.
CV	11.28	7.49	9.96	1.3	.	.	.
Grand Mean	12.0	11.88	12.13	11.75	11.0	10.75	11.25
Bartlett's X2	0.218	2.332	1.03	0.046	.	.	.
P(Bartlett's X2)	0.641	0.127	0.31	0.829	.	.	.
Replicate F	0.364	1.421	1.000	10.436			
Replicate Prob(F)	0.7859	0.3898	0.5000	0.0427			
Treatment F	0.273	1.421	0.086	3.431			
Treatment Prob(F)	0.6376	0.3189	0.7888	0.1611			

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 11: T1 = @AVG([1].[10])

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS		
Rating Unit	CM	CM	CM	CM	CM	CM	CM		
Rating Date	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	15	16	17	18	19	20	21
1	1 WEEK REMOVAL		12	11	10	11	12	11	11
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON								
LSD (P=.05)			.	.	.	.	.	.	.
Standard Deviation			.	.	.	.	.	.	.
CV			.	.	.	.	.	.	.
Grand Mean			11.5	11.0	10.25	11.25	11.5	11.0	11.0
Bartlett's X2			.	.	.	.	.	.	.
P(Bartlett's X2)			.	.	.	.	.	.	.
Replicate F									
Replicate Prob(F)									
Treatment F									
Treatment Prob(F)									

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code		GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA
Crop Code		WEED CTS	WEED CTS	AVG CTS	FRESH WTS	DRY WTS		CROP HTS
Rating Data Type	AVG HTS				GRAMS	GRAMS		CM
Rating Unit	CM							
Rating Date	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005	2/Jun/2005		9/Jun/2005
Trt-Eval Interval		ROW 1	ROW 2		WEEK 1	WEEK 1		ROW 1
ARM Action Codes	T2			T3				
# Subsamples, Dec.	1							
Trt No.	Treatment Name	Rate Unit						
22		23	24	25	26	27	28	29
1	1 WEEK REMOVAL	11.1	74	69	72	297	59	
2	2 WEEK REMOVAL							19 a
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL							
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON							20 a
LSD (P=.05)	.	.	.	.	.	.	.	6.4
Standard Deviation	.	.	.	.	.	.	.	2.9
CV	.	.	.	.	.	.	.	14.66
Grand Mean	11.05	74.25	68.75	71.5	297.0	59.0	.	19.5
Bartlett's X2	.	.	.	.	.	.	.	4.717
P(Bartlett's X2)	.	.	.	.	.	.	.	0.03*
Replicate F								1.102
Replicate Prob(F)								0.4691
Treatment F								0.551
Treatment Prob(F)								0.5117

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 22: T2 = @AVG([12].[21])

Column 25: T3 = ([23]+[24])/2

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Unit	CM	CM	CM	CM	CM	CM	CM		
Rating Date	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	30	31	32	33	34	35	36
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL	18 a	18 a	18 a	21 a	21 a	19 a	17 a	
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON	20 a	19 a	17 a	17 a	19 a	18 a	21 a	
LSD (P=.05)	2.7	2.4	5.7	5.2	5.4	4.9	6.7		
Standard Deviation	1.2	1.1	2.5	2.3	2.4	2.2	3.0		
CV	6.4	5.77	14.8	12.32	12.23	11.88	15.64		
Grand Mean	18.88	18.38	17.0	18.75	19.75	18.5	19.0		
Bartlett's X2	0.198	0.107	0.668	3.2	0.043	1.676	0.488		
P(Bartlett's X2)	0.656	0.744	0.414	0.074	0.835	0.196	0.485		
Replicate F	1.914	14.333	1.105	0.844	4.200	1.724	1.321		
Replicate Prob(F)	0.3036	0.0277	0.4682	0.5539	0.1346	0.3328	0.4123		
Treatment F	6.943	0.111	0.316	6.000	0.771	0.931	2.774		
Treatment Prob(F)	0.0780	0.7608	0.6134	0.0917	0.4444	0.4058	0.1944		

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		
Crop Code	CROP HTS	CROP HTS	AVG HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS		
Rating Data Type	CM	CM	CM	CM	CM	CM	CM		
Rating Unit	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005		
Rating Date	ROW 2	ROW 2		ROW 1	ROW 1	ROW 1	ROW 1		
Trt-Eval Interval									
ARM Action Codes			T4						
# Subsamples, Dec.			1						
Trt No.	Treatment Name	Rate Unit	37	38	39	40	41	42	43
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL	20 a	20 a	19.0 a	17	17	16	16	
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON	19 a	18 a	18.6 a					
LSD (P=.05)	3.5	5.3	2.27	.	.	.	.	.	.
Standard Deviation	1.6	2.3	1.01	.	.	.	.	.	.
CV	8.2	12.34	5.38	.	.	.	.	.	.
Grand Mean	19.13	19.0	18.79	16.5	17.25	15.75	15.75		
Bartlett's X2	1.608	0.091	0.201	.	.	.	.	.	.
P(Bartlett's X2)	0.205	0.763	0.654	.	.	.	.	.	.
Replicate F	5.746	5.273	8.082						
Replicate Prob(F)	0.0925	0.1027	0.0599						
Treatment F	0.458	2.273	0.275						
Treatment Prob(F)	0.5472	0.2288	0.6362						

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 39: T4 = @AVG([29].[38])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	AVG HTS CM
Crop Code	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	
Rating Data Type	CM	CM	CM	CM	CM	CM	
Rating Unit	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005	9/Jun/2005
Rating Date	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	
Trt-Eval Interval							
ARM Action Codes							T5
# Subsamples, Dec.							1
Trt Treatment							
No. Name	Rate Unit						
1 1 WEEK REMOVAL	44	45	46	47	48	49	50
2 2 WEEK REMOVAL	18	16	16	18	16	15	16.5
3 3 WEEK REMOVAL							
4 4 WEEK REMOVAL							
5 5 WEEK REMOVAL							
6 6 WEEK REMOVAL							
7 7 WEEK REMOVAL							
8 8 WEEK REMOVAL							
9 FULL SEASON							
10 NO COTTON							
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	18.25	16.25	16.0	18.0	16.25	14.5	16.45
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 50: T5 = @AVG([40].[49])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA WEED CTS	GOSHI GLXMA WEED CTS		GOSHI GLXMA FRESH WTS GRAMS	GOSHI GLXMA DRY WTS GRAMS		GOSHI GLXMA CROP HTS CM	GOSHI GLXMA CROP HTS CM
Crop Code								
Rating Data Type								
Rating Unit								
Rating Date	9/Jun/2005	9/Jun/2005		9/Jun/2005	9/Jun/2005		16/Jun/2005	16/Jun/2005
Trt-Eval Interval	ROW 1	ROW 2		WEEK 2	WEEK 2		ROW 1	ROW 1
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit						
51	52	53	54	55	56	57	58	
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL	85	77	529	94			
3	3 WEEK REMOVAL					26 a	29 a	
4	4 WEEK REMOVAL							
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON					29 a	28 a	
LSD (P=.05)	.	.	.	.	.	6.5	6.9	
Standard Deviation	.	.	.	.	.	2.1	2.3	
CV	.	.	.	.	.	7.78	8.07	
Grand Mean	85.0	77.25	.	528.75	94.25	27.25	28.17	
Bartlett's X2	.	.	.	.	.	0.013	1.109	
P(Bartlett's X2)	.	.	.	.	.	0.908	0.292	
Replicate F						5.519	2.430	
Replicate Prob(F)						0.1572	0.3048	
Treatment F						4.000	0.688	
Treatment Prob(F)						0.1835	0.4940	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Unit	CM	CM	CM	CM	CM	CM		
Rating Date	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	59	60	61	62	63	64
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL		24 a	24 b	25 a	26 a	24 a	24 a
4	4 WEEK REMOVAL							
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON		27 a	30 a	24 a	31 a	27 a	29 a
LSD (P=.05)		4.5	3.3	11.8	6.6	6.9	8.7	
Standard Deviation		1.5	1.1	3.9	2.2	2.3	2.9	
CV		5.75	4.03	16.0	7.56	8.94	10.72	
Grand Mean		25.58	26.83	24.33	28.58	25.42	26.67	
Bartlett's X2		0.195	4.004	0.416	1.55	0.023	1.354	
P(Bartlett's X2)		0.659	0.045*	0.519	0.213	0.88	0.245	
Replicate F		10.230	40.849	0.462	2.869	6.269	1.755	
Replicate Prob(F)		0.0904	0.0240	0.7384	0.2691	0.1407	0.3830	
Treatment F		5.025	68.748	0.366	12.190	2.753	5.334	
Treatment Prob(F)		0.1542	0.0142	0.6066	0.0731	0.2389	0.1472	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA
Crop Code	GLXMA	GLXMA		GLXMA	GLXMA	GLXMA
Rating Data Type	CROP HTS	CROP HTS	AVG HTS	WEED HTS	WEED HTS	WEED HTS
Rating Unit	CM	CM	CM	CM	CM	CM
Rating Date	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005
Trt-Eval Interval	ROW 2	ROW 2		ROW 1	ROW 1	ROW 1
ARM Action Codes			T6			
# Subsamples, Dec.			1			
Trt No.	Treatment Name	Rate Unit				
65			67	68	69	70
1	1 WEEK REMOVAL					
2	2 WEEK REMOVAL					
3	3 WEEK REMOVAL	24 a	25.2 b	22	25	24
4	4 WEEK REMOVAL					
5	5 WEEK REMOVAL					
6	6 WEEK REMOVAL					
7	7 WEEK REMOVAL					
8	8 WEEK REMOVAL					
9	FULL SEASON					
10	NO COTTON	28 a	27.7 a			
LSD (P=.05)	8.7	12.2	2.30	.	.	.
Standard Deviation	2.9	4.0	0.76	.	.	.
CV	10.96	15.67	2.86	.	.	.
Grand Mean	26.08	25.67	26.46	22.25	25.0	24.25
Bartlett's X2	4.745	3.262	0.415	.	.	.
P(Bartlett's X2)	0.029*	0.071	0.519	.	.	.
Replicate F	1.218	1.368	26.787			
Replicate Prob(F)	0.4805	0.4488	0.0362			
Treatment F	4.598	0.014	22.439			
Treatment Prob(F)	0.1652	0.9173	0.0418			

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 67: T6 = @AVG([57].[66])

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS		
Rating Unit	CM	CM	CM	CM	CM	CM		
Rating Date	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	71	72	73	74	75	76
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL		23	17	22	22	22	25
4	4 WEEK REMOVAL							
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON							
LSD (P=.05)		.	.	.	.	.	.	.
Standard Deviation		.	.	.	.	.	.	.
CV		.	.	.	.	.	.	.
Grand Mean		23.0	17.25	22.0	22.25	22.25	22.25	25.0
Bartlett's X2		.	.	.	.	.	.	.
P(Bartlett's X2)		.	.	.	.	.	.	.
Replicate F								
Replicate Prob(F)								
Treatment F								
Treatment Prob(F)								

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA				
Crop Code	WEED HTS	AVG HTS	WEED CTS	WEED CTS		FRESH WTS	DRY WTS				
Rating Data Type	CM	CM				GRAMS	GRAMS				
Rating Unit	16/Jun/2005	16/Jun/2005	16/Jun/2005	16/Jun/2005		16/Jun/2005	16/Jun/2005				
Rating Date	ROW 2		ROW 1	ROW 2		WEEK 3	WEEK 3				
Trt-Eval Interval											
ARM Action Codes		T7									
# Subsamples, Dec.		1									
Trt No.	Treatment Name	Rate Unit									
77			78		79		80	81	82	83	84
1	1 WEEK REMOVAL										
2	2 WEEK REMOVAL										
3	3 WEEK REMOVAL	21	22.5	68	78	888	205				
4	4 WEEK REMOVAL										
5	5 WEEK REMOVAL										
6	6 WEEK REMOVAL										
7	7 WEEK REMOVAL										
8	8 WEEK REMOVAL										
9	FULL SEASON										
10	NO COTTON										
LSD (P=.05)	.	.	.	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.	.	.	.
Grand Mean	21.25	22.45	67.5	77.75	.	887.75	205.0	.	.	.	.
Bartlett's X2	.	.	.	.	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.	.	.	.	.
Replicate F											
Replicate Prob(F)											
Treatment F											
Treatment Prob(F)											

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 78: T7 = @AVG([68].[77])

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	
Rating Unit	CM	CM	CM	CM	CM	CM	
Rating Date	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2	
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
		85	86	87	88	89	90
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL	44 a	45 a	43 a	45 a	41 a	49 a
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO COTTON	43 a	42 a	44 a	42 a	42 a	49 a
LSD (P=.05)		12.0	20.8	8.0	6.3	16.5	8.0
Standard Deviation		5.3	9.3	3.6	2.8	7.3	3.6
CV		12.38	21.4	8.25	6.4	17.73	7.32
Grand Mean		43.0	43.25	43.38	43.63	41.25	48.88
Bartlett's X2		0.992	0.062	1.147	0.028	0.024	0.357
P(Bartlett's X2)		0.319	0.804	0.284	0.867	0.876	0.55
Replicate F		2.082	0.733	0.687	1.086	0.439	1.990
Replicate Prob(F)		0.2811	0.5975	0.6173	0.4739	0.7416	0.2931
Treatment F		0.071	0.210	0.088	2.711	0.084	0.010
Treatment Prob(F)		0.8077	0.6778	0.7861	0.1982	0.7907	0.9275

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI		GOSHI
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA		GLXMA
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	AVG HTS	WEED HTS
Rating Unit	CM	CM	CM	CM	CN	CM
Rating Date	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005
Trt-Eval Interval	ROW 2	ROW 2	ROW 2	ROW 2		ROW 1
ARM Action Codes					T8	
# Subsamples, Dec.					1	
Trt No.	Treatment Name	Rate Unit				
91			92		93	
94			95		96	
1	1 WEEK REMOVAL					
2	2 WEEK REMOVAL					
3	3 WEEK REMOVAL					
4	4 WEEK REMOVAL	46 a	46 a	40 a	43 a	44.0 a
5	5 WEEK REMOVAL					39
6	6 WEEK REMOVAL					
7	7 WEEK REMOVAL					
8	8 WEEK REMOVAL					
9	FULL SEASON					
10	NO COTTON	47 a	45 a	46 a	49 a	44.7 a
LSD (P=.05)	12.1	10.8	14.4	11.8	8.10	.
Standard Deviation	5.4	4.8	6.4	5.3	3.60	.
CV	11.71	10.66	14.9	11.37	8.12	.
Grand Mean	46.0	45.0	42.88	46.25	44.35	38.5
Bartlett's X2	1.356	2.695	0.18	0.002	0.061	.
P(Bartlett's X2)	0.244	0.101	0.671	0.963	0.806	.
Replicate F	2.333	1.435	1.376	3.428	1.905	
Replicate Prob(F)	0.2523	0.3869	0.3997	0.1693	0.3050	
Treatment F	0.069	0.087	1.915	2.602	0.087	
Treatment Prob(F)	0.8099	0.7873	0.2604	0.2051	0.7875	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 95: T8 = @AVG([85].[94])

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS		
Rating Unit	CM	CM	CM	CM	CM	CM		
Rating Date	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005	23/Jun/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	97	98	99	100	101	102
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL	35	35	38	36	32	32	
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON							
LSD (P=.05)		.	.	.	.	.	.	.
Standard Deviation		.	.	.	.	.	.	.
CV		.	.	.	.	.	.	.
Grand Mean		35.0	35.0	37.75	35.5	32.25	32.25	
Bartlett's X2		.	.	.	.	.	.	.
P(Bartlett's X2)		.	.	.	.	.	.	.
Replicate F								
Replicate Prob(F)								
Treatment F								
Treatment Prob(F)								

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	AVG HTS CM	GOSHI GLXMA WEED CTS	GOSHI GLXMA WEED CTS	
Crop Code	WEED HTS	WEED HTS	WEED HTS	23/Jun/2005	23/Jun/2005	23/Jun/2005	
Rating Data Type	CM	CM	CM	23/Jun/2005	23/Jun/2005	23/Jun/2005	
Rating Unit	ROW 2	ROW 2	ROW 2		ROW 1	ROW 2	
Rating Date							
Trt-Eval Interval							
ARM Action Codes				T9			
# Subsamples, Dec.				1			
Trt No.	Treatment Name	Rate Unit					
1	1 WEEK REMOVAL	103	104	105	106	107	108
2	2 WEEK REMOVAL						109
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL	32	37	33	34.8	83	76
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO COTTON						
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	31.5	36.75	33.0	34.75	82.5	75.5	.
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 106: T9 = @AVG([96].[105])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	
Crop Code	FRESH WTS	DRY WTS		CROP HTS	CROP HTS	CROP HTS	CROP HTS	
Rating Data Type	GRAMS	GRAMS		CM	CM	CM	CM	
Rating Unit	23/Jun/2005	23/Jun/2005		30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	
Rating Date	WEEK 4	WEEK 4		ROW 1	ROW 1	ROW 1	ROW 1	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit						
		110	111	112	113	114	115	116
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL	2117	601					
5	5 WEEK REMOVAL				52 b	54 b	54 a	51 a
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO COTTON				62 a	60 a	62 a	59 a
LSD (P=.05)					8.7	6.4	8.5	14.0
Standard Deviation					3.9	2.9	3.8	6.2
CV					6.79	5.04	6.53	11.35
Grand Mean		2116.75	600.5		56.75	56.75	58.0	54.88
Bartlett's X2					0.72	1.356	2.052	2.855
P(Bartlett's X2)					0.396	0.244	0.152	0.091
Replicate F					1.270	6.061	3.140	3.122
Replicate Prob(F)					0.4245	0.0865	0.1863	0.1874
Treatment F					14.865	10.347	8.930	2.710
Treatment Prob(F)					0.0308	0.0487	0.0582	0.1983

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	
Rating Unit	CM	CM	CM	CM	CM	CM	
Rating Date	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	
Trt-Eval Interval	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
		117	118	119	120	121	122
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL	51 a	59 a	178 a	56 a	57 a	53 a
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO COTTON	56 a	64 a	57 a	59 a	52 a	51 a
LSD (P=.05)		21.8	18.5	393.1	9.8	8.7	13.4
Standard Deviation		9.7	8.2	174.7	4.4	3.8	5.9
CV		18.14	13.38	148.68	7.62	7.04	11.43
Grand Mean		53.38	61.38	117.5	57.38	54.63	52.0
Bartlett's X2		1.173	0.032	15.858	0.006	0.0	0.615
P(Bartlett's X2)		0.279	0.857	0.001*	0.936	0.997	0.433
Replicate F		1.807	0.951	1.097	6.926	12.042	2.132
Replicate Prob(F)		0.3196	0.5161	0.4705	0.0731	0.0352	0.2750
Treatment F		0.705	0.817	0.952	0.791	3.727	0.226
Treatment Prob(F)		0.4627	0.4326	0.4013	0.4394	0.1491	0.6667

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Rating Data Type	AVG HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS
Rating Unit	CM	CM	CM	CM	CM	CM
Rating Date	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005
Trt-Eval Interval		ROW 1	ROW 1	ROW 1	ROW 1	ROW 1
ARM Action Codes	T10					
# Subsamples, Dec.	1					
Trt No.	Treatment Name	Rate Unit				
1	1 WEEK REMOVAL					
2	2 WEEK REMOVAL					
3	3 WEEK REMOVAL					
4	4 WEEK REMOVAL					
5	5 WEEK REMOVAL	66.4 a	46	44	46	45
6	6 WEEK REMOVAL					
7	7 WEEK REMOVAL					
8	8 WEEK REMOVAL					
9	FULL SEASON					
10	NO COTTON	58.2 a				
LSD (P=.05)	32.58	.	.	.	.	.
Standard Deviation	14.48	.	.	.	.	.
CV	23.26	.	.	.	.	.
Grand Mean	62.26	45.75	44.0	45.5	44.75	41.0
Bartlett's X2	5.146	.	.	.	.	.
P(Bartlett's X2)	0.023*	.	.	.	.	.
Replicate F	2.011					
Replicate Prob(F)	0.2903					
Treatment F	0.638					
Treatment Prob(F)	0.4830					

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 123: T10 = @AVG([113].[122])

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	AVG HTS	
Rating Unit	CM	CM	CM	CM	CM	CM	
Rating Date	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005	
Trt-Eval Interval	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2		
ARM Action Codes						T11	
# Subsamples, Dec.						1	
Trt No.	Treatment Name	Rate Unit					
		129	130	131	132	133	134
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL	42	47	46	47	47	44.8
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO COTTON						
LSD (P=.05)		.	.	.	.	.	.
Standard Deviation		.	.	.	.	.	.
CV		.	.	.	.	.	.
Grand Mean		42.0	46.5	45.5	46.75	46.5	44.83
Bartlett's X2		.	.	.	.	.	.
P(Bartlett's X2)		.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 134: T11 = @AVG([124].[133])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA WEED CTS	GOSHI GLXMA WEED CTS		GOSHI GLXMA FRESH WTS GRAMS	GOSHI GLXMA DRY WTS GRAMS		GOSHI GLXMA CROP HTS CM	GOSHI GLXMA CROP HTS CM	
Crop Code									
Rating Data Type									
Rating Unit									
Rating Date	30/Jun/2005	30/Jun/2005		30/Jun/2005	30/Jun/2005		8/Jul/2005	8/Jul/2005	
Trt-Eval Interval	ROW 1	ROW 2		WEEK 5	WEEK 5		ROW 1	ROW 1	
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit							
		135	136	137	138	139	140	141	142
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL	76	65		3918	1485			
6	6 WEEK REMOVAL						85 a	81 a	
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON						83 a	82 a	
LSD (P=.05)	.	.	.	.	.	.	11.9	15.2
Standard Deviation	.	.	.	.	.	.	5.3	6.8
CV	.	.	.	.	.	.	6.28	8.32
Grand Mean	76.0	65.25	.	3918.0	1485.0	.	84.25	81.25	
Bartlett's X2	.	.	.	.	.	.	0.336	0.505
P(Bartlett's X2)	.	.	.	.	.	.	0.562	0.477
Replicate F							0.161	0.325	
Replicate Prob(F)							0.9163	0.8098	
Treatment F							0.286	0.044	
Treatment Prob(F)							0.6301	0.8476	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		
Crop Code	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Data Type	CM	CM	CM	CM	CM	CM	CM		
Rating Unit	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005		
Trt-Eval Interval	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	143	144	145	146	147	148	149
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL	82 a	81 a	87 a	79 a	75 a	77 a	76 a	
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON	86 a	86 a	86 a	82 a	71 a	75 a	80 a	
LSD (P=.05)	11.9	13.1	9.1	14.5	17.9	10.5	13.2		
Standard Deviation	5.3	5.8	4.0	6.4	8.0	4.7	5.8		
CV	6.32	6.97	4.67	8.03	10.95	6.15	7.52		
Grand Mean	83.88	83.38	86.5	80.25	72.75	75.88	77.75		
Bartlett's X2	4.815	0.004	0.878	0.655	1.956	0.134	0.157		
P(Bartlett's X2)	0.028*	0.951	0.349	0.418	0.162	0.714	0.692		
Replicate F	1.012	0.162	1.816	1.610	1.556	0.939	2.561		
Replicate Prob(F)	0.4962	0.9157	0.3181	0.3525	0.3625	0.5201	0.2301		
Treatment F	0.751	1.069	0.122	0.301	0.638	0.465	0.717		
Treatment Prob(F)	0.4499	0.3772	0.7495	0.6213	0.4829	0.5444	0.4593		

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	AVG HTS	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA
Crop Code	CROP HTS	AVG HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS
Rating Data Type	CM	CM	CM	CM	CM	CM	CM
Rating Unit	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005
Rating Date	ROW 2	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1
Trt-Eval Interval							
ARM Action Codes		T12					
# Subsamples, Dec.		1					
Trt Treatment	Rate						
No. Name	Unit						
1 1 WEEK REMOVAL	150	151	152	153	154	155	156
2 2 WEEK REMOVAL							
3 3 WEEK REMOVAL							
4 4 WEEK REMOVAL							
5 5 WEEK REMOVAL							
6 6 WEEK REMOVAL	76 a	80.0 a	72	73	70	74	64
7 7 WEEK REMOVAL							
8 8 WEEK REMOVAL							
9 FULL SEASON							
10 NO COTTON	79 a	80.7 a					
LSD (P=.05)	9.8	6.11	.	.	.	.	.
Standard Deviation	4.3	2.71	.	.	.	.	.
CV	5.58	3.38	.	.	.	.	.
Grand Mean	77.63	80.35	71.5	72.5	69.5	73.5	63.75
Bartlett's X2	0.716	4.832	.	.	.	.	.
P(Bartlett's X2)	0.398	0.028*	.	.	.	.	.
Replicate F	1.780	1.639					
Replicate Prob(F)	0.3237	0.3473					
Treatment F	0.805	0.153					
Treatment Prob(F)	0.4358	0.7220					

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 151: T12 = @AVG([141].[150])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA
Crop Code	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS
Rating Data Type	CM	CM	CM	CM	CM	CM	CM
Rating Unit	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005
Rating Date	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.						T13 1	
Trt Treatment							
No. Name	157	158	159	160	161	162	163
Rate Unit							
1 1 WEEK REMOVAL							
2 2 WEEK REMOVAL							
3 3 WEEK REMOVAL							
4 4 WEEK REMOVAL							
5 5 WEEK REMOVAL							
6 6 WEEK REMOVAL	73	67	67	65	74	69.6	82
7 7 WEEK REMOVAL							
8 8 WEEK REMOVAL							
9 FULL SEASON							
10 NO COTTON							
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	73.25	67.0	66.5	64.75	73.75	69.6	81.5
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 162: T13 = @AVG([152].[161])

LSU Northeast Research Station

Weed Code	GOSHI		GOSHI		GOSHI		GOSHI		GOSHI	
Crop Code	GLXMA		GLXMA		GLXMA		GLXMA		GLXMA	
Rating Data Type	WEED CTS		FRESH WTS		DRY WTS		CROP HTS		CROP HTS	
Rating Unit			GRAMS		GRAMS		CM		CM	
Rating Date	8/Jul/2005		8/Jul/2005		8/Jul/2005		15/Jul/2005		15/Jul/2005	
Trt-Eval Interval	ROW 2		WEEK 6		WEEK 6		ROW 1		ROW 1	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate Unit	164	165	166	167	168	169	170	171
1	1 WEEK REMOVAL									
2	2 WEEK REMOVAL									
3	3 WEEK REMOVAL									
4	4 WEEK REMOVAL									
5	5 WEEK REMOVAL									
6	6 WEEK REMOVAL		64		6620	1026				
7	7 WEEK REMOVAL							100 a	88 a	92 a
8	8 WEEK REMOVAL									
9	FULL SEASON									
10	NO COTTON							101 a	98 a	93 a
LSD (P=.05)			.	.	.	.	.	19.3	20.4	11.9
Standard Deviation			.	.	.	.	.	8.6	9.1	5.3
CV			.	.	.	.	.	8.55	9.8	5.71
Grand Mean			64.0	.	6619.75	1025.5	.	100.5	92.63	92.38
Bartlett's X2			.	.	.	.	.	1.123	4.493	3.665
P(Bartlett's X2)			.	.	.	.	.	0.289	0.034*	0.056
Replicate F								0.749	1.287	1.144
Replicate Prob(F)								0.5909	0.4203	0.4573
Treatment F								0.061	2.548	0.112
Treatment Prob(F)								0.8209	0.2087	0.7595

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		
Crop Code	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Data Type	CM	CM	CM	CM	CM	CM	CM		
Rating Unit	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005		
Rating Date	ROW 1	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2		
Trt-Eval Interval									
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	172	173	174	175	176	177	178
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL	95 a	94 a	93 a	92 a	92 a	91 a	92 a	
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO COTTON	92 a	93 a	91 a	89 a	88 a	87 a	85 b	
LSD (P=.05)	18.0	2.4	16.8	19.5	16.8	22.1	5.7		
Standard Deviation	8.0	1.1	7.4	8.7	7.5	9.8	2.5		
CV	8.58	1.14	8.11	9.62	8.27	11.03	2.84		
Grand Mean	93.25	93.38	91.88	90.13	90.25	88.88	88.5		
Bartlett's X2	2.5	0.003	2.267	2.175	0.288	0.242	0.12		
P(Bartlett's X2)	0.114	0.953	0.132	0.14	0.591	0.622	0.729		
Replicate F	0.654	31.519	0.291	4.270	2.219	2.325	1.632		
Replicate Prob(F)	0.6324	0.0091	0.8313	0.1320	0.2649	0.2532	0.3487		
Treatment F	0.281	5.444	0.183	0.281	0.575	0.293	15.474		
Treatment Prob(F)	0.6326	0.1018	0.6980	0.6327	0.5035	0.6261	0.0293		

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA
Crop Code		WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS
Rating Data Type	AVG HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS
Rating Unit	CM	CM	CM	CM	CM	CM	CM
Rating Date	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005
Trt-Eval Interval		ROW 1	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2
ARM Action Codes	T14						
# Subsamples, Dec.	1						
Trt No.	Treatment Name	Rate Unit					
	179	180	181	182	183	184	185
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL	92.8 a	88	80	88	90	89
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO COTTON	91.6 a					
LSD (P=.05)	4.43	.	.	.	.	.	.
Standard Deviation	1.97	.	.	.	.	.	.
CV	2.14	.	.	.	.	.	.
Grand Mean	92.18	87.75	80.0	87.75	89.5	89.0	88.75
Bartlett's X2	0.469	.	.	.	.	.	.
P(Bartlett's X2)	0.494	.	.	.	.	.	.
Replicate F	5.484						
Replicate Prob(F)	0.0979						
Treatment F	0.742						
Treatment Prob(F)	0.4524						

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 179: T14 = @AVG([169].[178])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA
Crop Code							
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	AVG HTS	WEED CTS	WEED CTS
Rating Unit	CM	CM	CM	CM	CM		
Rating Date	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005
Trt-Eval Interval	ROW 2	ROW 2	ROW 2	ROW 2		ROW 1	ROW 2
ARM Action Codes					T15		
# Subsamples, Dec.					1		
Trt No.	Treatment Name	Rate Unit					
			186	187	188	189	190
							191
							192
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL		85	81	82	79	85.0
8	8 WEEK REMOVAL						66
9	FULL SEASON						68
10	NO COTTON						
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	85.25	81.25	81.75	78.5	84.95	65.75	67.75
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 190: T15 = @AVG([180].[189])

LSU Northeast Research Station

Weed Code		GOSHI	GOSHI		GOSHI	GOSHI	GOSHI	GOSHI		
Crop Code		GLXMA	GLXMA		GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type		FRESH WTS	DRY WTS		CROP HTS	CROP HTS	CROP HTS	CROP HTS		
Rating Unit		GRAMS	GRAMS		CM	CM	CM	CM		
Rating Date		15/Jul/2005	15/Jul/2005		21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005		
Trt-Eval Interval		WEEK 7	WEEK 7		ROW 1	ROW 1	ROW 1	ROW 1		
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate Unit	193	194	195	196	197	198	199	200
1	1 WEEK REMOVAL									
2	2 WEEK REMOVAL									
3	3 WEEK REMOVAL									
4	4 WEEK REMOVAL									
5	5 WEEK REMOVAL									
6	6 WEEK REMOVAL									
7	7 WEEK REMOVAL		7750	1728						
8	8 WEEK REMOVAL					109 a	102 a	106 a	105 a	
9	FULL SEASON									
10	NO COTTON					106 a	109 a	104 a	106 a	
LSD (P=.05)		.	.	.	.	6.0	7.4	9.0	10.3	
Standard Deviation		.	.	.	.	2.7	3.3	4.0	4.6	
CV		.	.	.	.	2.48	3.11	3.83	4.35	
Grand Mean		.	7749.5	1728.25	.	107.63	105.63	104.88	105.63	
Bartlett's X2		.	.	.	.	0.916	0.138	1.783	0.957	
P(Bartlett's X2)		.	.	.	.	0.339	0.71	0.182	0.328	
Replicate F						9.982	2.359	3.811	2.515	
Replicate Prob(F)						0.0453	0.2496	0.1504	0.2344	
Treatment F						2.123	8.444	0.380	0.053	
Treatment Prob(F)						0.2412	0.0622	0.5813	0.8323	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	AVG HTS
Rating Unit	CM	CM	CM	CM	CM	CM	CM
Rating Date	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005
Trt-Eval Interval	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	
ARM Action Codes							T16
# Subsamples, Dec.							1
Trt No.	Treatment Name	Rate Unit					
	201	202	203	204	205	206	207
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL	102 a	104 a	102 a	103 a	102 a	102 a
9	FULL SEASON						
10	NO COTTON	104 a	106 a	110 a	106 a	102 a	101 a
LSD (P=.05)	7.2	17.9	20.4	13.1	10.2	13.2	6.32
Standard Deviation	3.2	8.0	9.1	5.8	4.5	5.9	2.81
CV	3.1	7.6	8.56	5.58	4.45	5.77	2.69
Grand Mean	102.63	104.88	105.88	104.63	101.63	101.5	104.49
Bartlett's X2	0.051	2.119	2.338	0.024	0.959	2.343	2.496
P(Bartlett's X2)	0.821	0.145	0.126	0.878	0.327	0.126	0.114
Replicate F	0.440	3.537	1.308	1.703	1.668	0.495	0.335
Replicate Prob(F)	0.7410	0.1635	0.4152	0.3363	0.3423	0.7108	0.8032
Treatment F	0.605	0.238	1.658	0.443	0.006	0.058	0.756
Treatment Prob(F)	0.4934	0.6589	0.2883	0.5532	0.9426	0.8248	0.4486

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 207: T16 = @AVG([197].[206])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		
Crop Code	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS		
Rating Data Type	CM	CM	CM	CM	CM	CM	CM		
Rating Unit	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005		
Rating Date	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1	ROW 2	ROW 2		
Trt-Eval Interval									
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	208	209	210	211	212	213	214
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL								
7	7 WEEK REMOVAL	113	114	112	109	102	87	95	
8	8 WEEK REMOVAL	95	98	98	95	108	101	100	
9	FULL SEASON								
10	NO COTTON								
LSD (P=.05)	
Standard Deviation	
CV	
Grand Mean	49.63	51.13	50.88	49.25	53.25	48.88	49.38		
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F									
Replicate Prob(F)									
Treatment F									
Treatment Prob(F)									

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	AVG HTS CM	GOSHI GLXMA	GOSHI GLXMA	
Crop Code	WEED HTS	WEED HTS	WEED HTS		WEED CTS	WEED CTS	
Rating Data Type	CM	CM	CM				
Rating Unit							
Rating Date	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	
Trt-Eval Interval	ROW 2	ROW 2	ROW 2		ROW 1	ROW 2	
ARM Action Codes				T17			
# Subsamples, Dec.				1			
Trt No.	Treatment Name	Rate Unit					
215		216	217	218	219	220	221
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL	96	94	92	101.4	84	74
8	8 WEEK REMOVAL	105	104	110	101.4	60	70
9	FULL SEASON						
10	NO COTTON						
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	51.5	50.63	52.63	50.71	34.0	36.0	.
Bartlett's X2	.	.	.	.	.	.	.
P(Bartlett's X2)	.	.	.	.	.	.	.
Replicate F							
Replicate Prob(F)							
Treatment F							
Treatment Prob(F)							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Column 218: T17 = @AVG([208].[217])

LSU Northeast Research Station

Weed Code	GOSHI GLXMA	GOSHI GLXMA		GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA	GOSHI GLXMA		
Crop Code	FRESH WTS	DRY WTS		YIELD	MOISTURE	YIELD	AVG CROP HT		
Rating Data Type	GRAMS	GRAMS		LBS	%	BU/A	CM		
Rating Unit	21/Jul/2005	21/Jul/2005		13/Oct/2005	13/Oct/2005	13/Oct/2005	10/Oct/2005		
Rating Date	WEEK 8	WEEK 8					@harvest		
Trt-Eval Interval									
ARM Action Codes						TY18			
# Subsamples, Dec.						1			
Trt No.	Treatment Name	Rate Unit	222	223	224	225	226	227	228
1	1 WEEK REMOVAL					19 a	14 b	51.5 a	90 a
2	2 WEEK REMOVAL					19 a	14 b	51.8 a	83 a
3	3 WEEK REMOVAL					19 a	13 b	50.3 a	82 a
4	4 WEEK REMOVAL					18 a	14 b	48.2 a	85 a
5	5 WEEK REMOVAL					19 a	14 b	51.7 a	83 a
6	6 WEEK REMOVAL					19 a	14 b	51.0 a	87 a
7	7 WEEK REMOVAL	10080	2238			19 a	14 b	50.7 a	86 a
8	8 WEEK REMOVAL	9131	2199			19 a	14 b	50.1 a	85 a
9	FULL SEASON					13 b	20 a	33.3 b	85 a
10	NO COTTON					19 a	14 b	52.1 a	85 a
LSD (P=.05)	.	.	.	.	.	1.8	2.0	5.24	8.2
Standard Deviation	.	.	.	.	.	1.3	1.4	3.61	5.7
CV	.	.	.	.	.	6.92	9.81	7.36	6.66
Grand Mean	4684.13	1104.38	.	.	.	18.27	14.31	49.08	85.24
Bartlett's X2	.	.	.	.	.	10.843	74.305	13.057	6.499
P(Bartlett's X2)	.	.	.	.	.	0.287	0.001*	0.16	0.689
Replicate F						1.638	1.111	1.810	2.745
Replicate Prob(F)						0.2039	0.3619	0.1691	0.0625
Treatment F						8.187	8.718	9.837	0.654
Treatment Prob(F)						0.0001	0.0001	0.0001	0.7418

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 227: TY18 = $2.721139 * [225] * (100 - [226]) / 87$

LSU Northeast Research Station

Weed Code		GOSHI	GOSHI
Crop Code		GLXMA	GLXMA
Rating Data Type		WEED CTS	WEED CTS
Rating Unit			
Rating Date		10/Oct/2005	10/Oct/2005
Trt-Eval Interval		@harvest	@harvest
ARM Action Codes		row1	row2
# Subsamples, Dec.			
Trt No.	Treatment Name	Rate Unit	
		229	230
			231
1	1 WEEK REMOVAL		
2	2 WEEK REMOVAL		
3	3 WEEK REMOVAL		
4	4 WEEK REMOVAL		
5	5 WEEK REMOVAL		
6	6 WEEK REMOVAL		
7	7 WEEK REMOVAL		
8	8 WEEK REMOVAL		
9	FULL SEASON	57	64
10	NO COTTON		
LSD (P=.05)		.	.
Standard Deviation		.	.
CV		.	.
Grand Mean		56.75	64.0
Bartlett's X2		.	.
P(Bartlett's X2)		.	.
Replicate F			
Replicate Prob(F)			
Treatment F			
Treatment Prob(F)			

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.