

# LSU Northeast Research Station

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

Trial ID: \_\_\_\_\_ Study Dir.: \_\_\_\_\_  
 Location: \_\_\_\_\_ Investigator: Donnie Miller

**SITE AND DESIGN**

Plot Width, Unit: 6.67 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:	GLXMA
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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW1	ROW1	ROW1	ROW1	ROW2	ROW2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	1	2	3	4	5	6	7
1	1 WEEK REMOVAL	11 a	12 a	13 a	11 a	12 a	11 a	11 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 BEANS	11 a	11 a	11 a	12 a	12 a	11 a	11 a	
LSD (P=.05)	3.5	2.0	5.6	1.5	2.7	4.8	3.4		
Standard Deviation	1.6	0.9	2.5	0.7	1.2	2.1	1.5		
CV	14.76	7.82	21.29	5.95	10.17	18.98	13.89		
Grand Mean	10.63	11.38	11.63	11.38	11.88	11.13	11.0		
Bartlett's X2	0.422	2.74	0.039	0.074	0.808	0.111	0.12		
P(Bartlett's X2)	0.516	0.098	0.844	0.785	0.369	0.739	0.729		
Replicate F	1.136	1.842	0.075	2.455	1.686	0.850	0.429		
Replicate Prob(F)	0.4596	0.3142	0.9695	0.2401	0.3392	0.5514	0.7477		
Treatment F	0.051	1.421	1.000	6.818	0.771	0.028	0.000		
Treatment Prob(F)	0.8361	0.3189	0.3910	0.0796	0.4444	0.8777	1.0000		

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	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	AVG HTS CM	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI		
Crop Code	CROP HTS	CROP HTS	CROP HTS	CM	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	ROW2	ROW2	ROW2	ROW2	ROW 1	ROW 1	ROW 1		
Trt-Eval Interval									
ARM Action Codes				T1					
# Subsamples, Dec.				1					
Trt No.	Treatment Name	Rate Unit	8	9	10	11	12	13	14
1	1 WEEK REMOVAL		12 a	12 a	12 a	11.5 a	11	12	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 BEANS		12 a	10 a	11 a	11.2 a			
LSD (P=.05)	2.9	2.3	4.4	1.95	.	.	.	.	.
Standard Deviation	1.3	1.0	1.9	0.86	.	.	.	.	.
CV	10.99	9.09	17.12	7.64	.	.	.	.	.
Grand Mean	11.75	11.0	11.38	11.31	11.0	11.75	11.0	11.0	11.0
Bartlett's X2	0.576	0.0	2.634	1.657	.	.	.	.	.
P(Bartlett's X2)	0.448	.	0.105	0.198	.	.	.	.	.
Replicate F	0.900	1.000	1.088	0.372					
Replicate Prob(F)	0.5335	0.5000	0.4732	0.7811					
Treatment F	0.000	8.000	0.033	0.202					
Treatment Prob(F)	1.0000	0.0663	0.8675	0.6834					

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([C1].[C10])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	10	10	11	11	10	9
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 BEANS								
LSD (P=.05)			.	.	.	.	.	.	.
Standard Deviation			.	.	.	.	.	.	.
CV			.	.	.	.	.	.	.
Grand Mean			11.5	10.25	10.25	10.75	10.75	9.75	9.0
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		GLXMA GOSHI WEED CTS	GLXMA GOSHI WEED CTS	GLXMA GOSHI FRESH WTS GRAMS	GLXMA GOSHI DRY WTS GRAMS		GLXMA GOSHI CROP HTS CM
Crop Code	AVG HTS CM	2/Jun/2005 ROW 1	2/Jun/2005 ROW 2	2/Jun/2005 WEEK 1	2/Jun/2005 WEEK 1		9/Jun/2005 ROW1
Rating Data Type							
Rating Unit	T2						
Rating Date	1						
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
22		23	24	25	26	27	28
1	1 WEEK REMOVAL	10.6	101	95	529	140	
2	2 WEEK REMOVAL						20 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 BEANS						19 a
LSD (P=.05)	.	.	.	.	.	.	5.9
Standard Deviation	.	.	.	.	.	.	2.6
CV	.	.	.	.	.	.	13.58
Grand Mean	10.6	100.75	95.25	529.25	139.5	.	19.25
Bartlett's X2	.	.	.	.	.	.	2.193
P(Bartlett's X2)	.	.	.	.	.	.	0.139
Replicate F							0.415
Replicate Prob(F)							0.7557
Treatment F							0.659
Treatment Prob(F)							0.4765

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([C12].[C21])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW1	ROW1	ROW1	ROW2	ROW2	ROW2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit	29	30	31	32	33	34	35
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL	21 a	21 a	19 a	20 a	16 a	18 a	16 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 BEANS	18 b	20 a	20 a	19 a	16 a	16 a	14 a	
LSD (P=.05)	2.1	7.2	5.7	7.8	6.0	5.9	8.6		
Standard Deviation	0.9	3.2	2.5	3.5	2.7	2.6	3.8		
CV	4.68	16.07	12.91	17.89	16.55	15.61	26.0		
Grand Mean	19.5	20.0	19.5	19.5	16.13	16.75	14.63		
Bartlett's X2	0.0	2.31	3.714	0.227	0.053	4.683	0.487		
P(Bartlett's X2)	1.00	0.129	0.054	0.634	0.818	0.03*	0.485		
Replicate F	2.800	0.226	0.368	0.411	1.374	0.805	0.285		
Replicate Prob(F)	0.2101	0.8735	0.7830	0.7578	0.4001	0.5687	0.8348		
Treatment F	15.000	0.194	0.316	0.370	0.018	1.829	0.700		
Treatment Prob(F)	0.0305	0.6897	0.6134	0.5860	0.9030	0.2691	0.4641		

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	GLXMA GOSHI	GLXMA GOSHI	AVG HTS	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI
Crop Code	CROP HTS	CROP HTS	WEED 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
Trt-Eval Interval	ROW2	ROW2	ROW 1	ROW 1	ROW 1	ROW 1	ROW 1
ARM Action Codes			T3				
# Subsamples, Dec.			1				
Trt No.	Treatment Name	Rate Unit					
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL	36	37	38	39	40	41
3	3 WEEK REMOVAL	19 a	18 a	18.7 a	17	16	18
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 BEANS	16 a	16 a	17.2 b			
LSD (P=.05)	4.2	6.7	1.34	.	.	.	.
Standard Deviation	1.9	3.0	0.60	.	.	.	.
CV	10.86	17.74	3.32	.	.	.	.
Grand Mean	17.13	16.75	17.91	17.25	16.0	17.75	16.75
Bartlett's X2	0.506	1.01	2.436	.	.	.	.
P(Bartlett's X2)	0.477	0.315	0.119	.	.	.	.
Replicate F	0.518	0.472	0.859				
Replicate Prob(F)	0.6987	0.7235	0.5481				
Treatment F	4.373	0.509	12.274				
Treatment Prob(F)	0.1276	0.5269	0.0394				

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 38: T3 = @AVG([C28].[C37])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	AVG HTS
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	WEED HTS	CM
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	9/Jun/2005
Trt-Eval Interval	ROW 1	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	ROW 2	
ARM Action Codes								T4
# Subsamples, Dec.								1
Trt No.	Treatment Name	Rate Unit						
	43	44	45	46	47	48	49	
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL	18	17	18	15	16	17	16.9
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 BEANS							
LSD (P=.05)	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.
Grand Mean	17.5	17.0	18.0	15.25	16.25	17.25		16.9
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 49: T4 = @AVG([C39].[C48])

## LSU Northeast Research Station

Weed Code	GLXMA GOSHI WEED CTS	GLXMA GOSHI WEED CTS	GLXMA GOSHI FRESH WTS GRAMS	GLXMA GOSHI DRY WTS GRAMS		GLXMA GOSHI CROP HTS CM	GLXMA GOSHI 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		ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.							
Treatment Name							
Rate Unit							
50	51	52	53	54	55	56	
1 1 WEEK REMOVAL							
2 2 WEEK REMOVAL	69	59	660	174			
3 3 WEEK REMOVAL						32 a	28 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 BEANS						29 a	28 a
LSD (P=.05)	.	.	.	.	.	6.1	11.8
Standard Deviation	.	.	.	.	.	2.7	5.3
CV	.	.	.	.	.	9.07	18.79
Grand Mean	69.25	59.0	660.0	174.25	.	30.13	28.0
Bartlett's X2	.	.	.	.	.	0.256	0.0
P(Bartlett's X2)	.	.	.	.	.	0.613	1.00
Replicate F						4.620	0.494
Replicate Prob(F)						0.1204	0.7114
Treatment F						2.832	0.000
Treatment Prob(F)						0.1910	1.0000

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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW1	ROW1	ROW2	ROW2	ROW2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	57	58	59	60	61	62
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL	28 a	27 a	28 a	30 a	30 a	30 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 BEANS	30 a	30 a	30 a	27 a	28 a	27 a	
LSD (P=.05)	4.8	10.5	10.8	3.5	6.9	7.7		
Standard Deviation	2.1	4.7	4.8	1.6	3.1	3.4		
CV	7.25	16.4	16.48	5.53	10.65	12.21		
Grand Mean	29.13	28.5	29.0	28.38	28.88	28.13		
Bartlett's X2	0.203	0.005	1.215	0.328	0.044	0.369		
P(Bartlett's X2)	0.652	0.946	0.27	0.567	0.833	0.543		
Replicate F	9.224	0.550	0.307	4.119	1.811	0.463		
Replicate Prob(F)	0.0504	0.6824	0.8213	0.1377	0.3190	0.7284		
Treatment F	2.271	0.573	0.197	4.119	1.599	1.283		
Treatment Prob(F)	0.2289	0.5043	0.6872	0.1354	0.2953	0.3397		

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	GLXMA	GLXMA		GLXMA	GLXMA	GLXMA	
Crop Code	GOSHI	GOSHI		GOSHI	GOSHI	GOSHI	
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	ROW2	ROW2		ROW 1	ROW 1	ROW 1	
ARM Action Codes			T5				
# Subsamples, Dec.			1				
Trt No.	Treatment Name	Rate Unit					
		63	64	65	66	67	68
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL	31 a	30 a	29.4 a	25	27	26
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 BEANS	26 b	26 a	28.0 a			
LSD (P=.05)	3.3	5.3	2.24	.	.	.	
Standard Deviation	1.5	2.3	1.00	.	.	.	
CV	5.16	8.38	3.48	.	.	.	
Grand Mean	28.5	27.88	28.65	25.25	26.75	25.75	
Bartlett's X2	0.173	0.001	0.246	.	.	.	
P(Bartlett's X2)	0.677	0.976	0.62	.	.	.	
Replicate F	4.154	6.802	9.061				
Replicate Prob(F)	0.1363	0.0748	0.0516				
Treatment F	18.692	8.267	3.947				
Treatment Prob(F)	0.0228	0.0638	0.1411				

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 65: T5 = @AVG([C55].[C64])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
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					
		69	70	71	72	73	74
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL	27	25	26	28	26	30
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 BEANS						
LSD (P=.05)		.	.	.	.	.	.
Standard Deviation		.	.	.	.	.	.
CV		.	.	.	.	.	.
Grand Mean		26.75	24.5	26.25	28.25	26.0	29.5
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.

## LSU Northeast Research Station

Weed Code	GLXMA	GOSHI	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI		GOSHI	GOSHI	GOSHI	GOSHI		
Rating Data Type	WEED HTS	AVG HTS	WEED CTS	WEED CTS	FRESH WTS	DRY WTS		
Rating Unit	CM	CM			GRAMS	GRAMS		
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 1	ROW 2	WEEK 3	WEEK 3		
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Unit	75	76	77	78	79	80	81
1 1 WEEK REMOVAL								
2 2 WEEK REMOVAL								
3 3 WEEK REMOVAL	28	26.7	67	67	1582	436		
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 BEANS								
LSD (P=.05)	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.
Grand Mean	27.5	26.65	67.0	66.75	1581.75	436.25	.	.
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.  
 Column 76: T6 = @AVG([C66].[C75])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW1	ROW1	ROW1	ROW1	ROW2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	82	83	84	85	86	87
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL	42 a	45 a	46 a	48 a	46 a	42 a	
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO BEANS	43 a	46 a	44 a	46 a	47 a	39 a	
LSD (P=.05)	20.4	7.7	3.7	7.3	12.6	12.3		
Standard Deviation	9.0	3.4	1.6	3.2	5.6	5.4		
CV	21.41	7.61	3.67	6.9	12.07	13.45		
Grand Mean	42.25	45.13	44.5	46.88	46.5	40.5		
Bartlett's X2	0.075	0.693	1.238	2.566	2.831	4.408		
P(Bartlett's X2)	0.784	0.405	0.266	0.109	0.092	0.036*		
Replicate F	0.104	4.081	9.250	0.809	0.455	0.506		
Replicate Prob(F)	0.9524	0.1391	0.0502	0.5672	0.7327	0.7052		
Treatment F	0.006	0.265	3.000	0.968	0.016	0.607		
Treatment Prob(F)	0.9426	0.6422	0.1817	0.3977	0.9077	0.4928		

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	GLXMA	GLXMA	GLXMA	GLXMA		GLXMA	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI		GOSHI	
Rating Data Type	CROP HTS	CROP HTS	CROP HTS	CROP HTS	AVG 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	ROW2	ROW2	ROW2	ROW2		ROW1	
ARM Action Codes					T7		
# Subsamples, Dec.					1		
Trt No.	Treatment Name	Rate Unit					
		88	89	90	91	92	93
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL	40 a	46 a	44 a	40 a	43.8 a	38
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS	36 a	37 b	39 a	42 a	41.6 a	
LSD (P=.05)	8.4	5.4	7.3	11.7	6.24		.
Standard Deviation	3.7	2.4	3.2	5.2	2.77		.
CV	9.85	5.85	7.77	12.63	6.49		.
Grand Mean	37.75	41.13	41.63	41.0	42.73	38.25	.
Bartlett's X2	1.581	2.234	2.166	4.311	0.016		.
P(Bartlett's X2)	0.209	0.135	0.141	0.038*	0.899		.
Replicate F	3.602	1.863	1.000	0.758	0.252		
Replicate Prob(F)	0.1603	0.3110	0.5000	0.5875	0.8565		
Treatment F	2.928	26.439	5.271	0.168	1.258		
Treatment Prob(F)	0.1856	0.0143	0.1054	0.7096	0.3438		

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 92: T7 = @AVG([C82].[C91])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW1	ROW1	ROW1	ROW2	ROW2		
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	94	95	96	97	98	99
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL	39	42	38	37	41	42	
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO BEANS							
LSD (P=.05)		.	.	.	.	.	.	.
Standard Deviation		.	.	.	.	.	.	.
CV		.	.	.	.	.	.	.
Grand Mean		39.0	42.25	38.0	37.0	41.25	41.75	
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.

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA		GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI		GOSHI	GOSHI		
Rating Data Type	WEED HTS	WEED HTS	WEED HTS	AVG HTS	WEED CTS	WEED CTS		
Rating Unit	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	ROW2	ROW2	ROW2		ROW 1	ROW 2		
ARM Action Codes				T8				
# Subsamples, Dec.				1				
Trt No.	Treatment Name	Rate Unit						
			100	101	102	103	104	105
1	1 WEEK REMOVAL							
2	2 WEEK REMOVAL							
3	3 WEEK REMOVAL							
4	4 WEEK REMOVAL		41	37	39	39.5	73	71
5	5 WEEK REMOVAL							
6	6 WEEK REMOVAL							
7	7 WEEK REMOVAL							
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO BEANS							
LSD (P=.05)	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.
Grand Mean	41.0	37.0	39.25	39.48	72.5	71.25		
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.

Column 103: T8 = @AVG([C93].[C102])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA		GLXMA	GLXMA	GLXMA	GLXMA
Crop Code	GOSHI	GOSHI		GOSHI	GOSHI	GOSHI	GOSHI
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	23/Jun/2005	23/Jun/2005		30/Jun/2005	30/Jun/2005	30/Jun/2005	30/Jun/2005
Trt-Eval Interval	WEEK 4	WEEK 4		ROW1	ROW1	ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
	106	107	108	109	110	111	112
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL	4431	1000				
5	5 WEEK REMOVAL			58 a	56 a	54 a	54 a
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS			64 a	54 a	63 a	61 a
LSD (P=.05)	.	.	.	8.6	15.2	14.3	25.7
Standard Deviation	.	.	.	3.8	6.8	6.3	11.4
CV	.	.	.	6.27	12.28	10.85	19.99
Grand Mean	4431.25	1000.0	.	60.63	55.13	58.38	57.13
Bartlett's X2	.	.	.	0.061	0.002	1.109	2.21
P(Bartlett's X2)	.	.	.	0.805	0.964	0.292	0.137
Replicate F				7.663	1.961	1.066	0.287
Replicate Prob(F)				0.0642	0.2971	0.4795	0.8336
Treatment F				5.403	0.134	3.816	0.806
Treatment Prob(F)				0.1027	0.7388	0.1458	0.4355

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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
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	ROW1	ROW2	ROW2	ROW2	ROW2	ROW2	
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
		113	114	115	116	117	118
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL	56 a	55 a	54 a	52 a	54 a	58 a
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS	63 a	55 a	50 a	56 a	44 a	51 a
LSD (P=.05)		14.3	8.9	8.4	10.8	18.3	9.1
Standard Deviation		6.4	4.0	3.7	4.8	8.1	4.1
CV		10.76	7.27	7.19	8.84	16.68	7.49
Grand Mean		59.13	54.63	51.63	54.25	48.63	54.25
Bartlett's X2		0.756	1.436	4.199	0.689	0.922	0.487
P(Bartlett's X2)		0.385	0.231	0.04*	0.406	0.337	0.485
Replicate F		1.041	7.987	2.378	2.239	0.367	3.505
Replicate Prob(F)		0.4872	0.0609	0.2477	0.2625	0.7841	0.1652
Treatment F		2.252	0.008	2.039	1.391	3.194	5.121
Treatment Prob(F)		0.2304	0.9347	0.2486	0.3232	0.1719	0.1086

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		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Crop Code		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
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		ROW1	ROW1	ROW1	ROW1	ROW1	
ARM Action Codes	T9						
# Subsamples, Dec.	1						
Trt No.	Treatment Name	Rate Unit					
		119	120	121	122	123	124
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL	54.9 a	53	52	54	59	51
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS	55.9 a					
LSD (P=.05)	2.94	.	.	.	.	.	.
Standard Deviation	1.31	.	.	.	.	.	.
CV	2.36	.	.	.	.	.	.
Grand Mean	55.38	53.25	52.25	53.5	59.0	50.5	
Bartlett's X2	0.696	.	.	.	.	.	.
P(Bartlett's X2)	0.404	.	.	.	.	.	.
Replicate F	8.121						
Replicate Prob(F)	0.0596						
Treatment F	1.291						
Treatment Prob(F)	0.3385						

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 119: T9 = @AVG([C109].[C118])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW2	ROW2	ROW2	ROW2	ROW2		
ARM Action Codes						T10	
# Subsamples, Dec.						1	
Trt No.	Treatment Name	Rate Unit					
1	1 WEEK REMOVAL	125	126	127	128	129	130
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL	56	52	53	57	52	53.7
6	6 WEEK REMOVAL						
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS						
LSD (P=.05)	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.
Grand Mean	56.0	51.75	52.5	56.5	51.5	53.68	
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 130: T10 = @AVG([C120].[C129])

## LSU Northeast Research Station

Weed Code	GLXMA GOSHI WEED CTS	GLXMA GOSHI WEED CTS	GLXMA GOSHI FRESH WTS GRAMS	GLXMA GOSHI DRY WTS GRAMS		GLXMA GOSHI CROP HTS CM	GLXMA GOSHI 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		ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.							
Treatment Name							
Rate Unit							
	131	132	133	134	135	136	137
1 1 WEEK REMOVAL							
2 2 WEEK REMOVAL							
3 3 WEEK REMOVAL							
4 4 WEEK REMOVAL							
5 5 WEEK REMOVAL	67	68	8318	3085			
6 6 WEEK REMOVAL						70 a	70 a
7 7 WEEK REMOVAL							
8 8 WEEK REMOVAL							
9 FULL SEASON							
10 NO BEANS						76 a	73 a
LSD (P=.05)	.	.	.	.	.	28.9	38.7
Standard Deviation	.	.	.	.	.	9.5	12.7
CV	.	.	.	.	.	12.99	17.8
Grand Mean	67.25	67.75	8317.5	3084.5	.	73.08	71.5
Bartlett's X2	.	.	.	.	.	1.12	0.339
P(Bartlett's X2)	.	.	.	.	.	0.29	0.56
Replicate F						0.177	0.082
Replicate Prob(F)						0.9040	0.9636
Treatment F						0.631	0.111
Treatment Prob(F)						0.5103	0.7706

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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005	8/Jul/2005		
Trt-Eval Interval	ROW1	ROW1	ROW1	ROW2	ROW2	ROW2	ROW2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit							
			138	139	140	141	142	143	144
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL								
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL		71 a	75 a	68 a	73 a	78 a	79 a	74 a
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO BEANS		72 a	77 a	80 a	69 a	65 a	66 b	72 a
LSD (P=.05)			16.1	10.2	11.9	17.1	17.4	10.8	14.3
Standard Deviation			5.3	3.3	3.9	5.6	5.7	3.5	4.7
CV			7.43	4.39	5.27	7.93	8.03	4.91	6.46
Grand Mean			71.42	76.08	73.83	70.75	71.17	72.0	72.83
Bartlett's X2			1.451	5.658	0.073	4.151	0.2	0.762	0.006
P(Bartlett's X2)			0.228	0.017*	0.787	0.042*	0.655	0.383	0.937
Replicate F			1.040	1.427	9.061	1.233	2.837	15.973	4.185
Replicate Prob(F)			0.5244	0.4372	0.1010	0.4771	0.2714	0.0595	0.1989
Treatment F			0.197	0.974	16.935	1.016	10.885	27.040	0.250
Treatment Prob(F)			0.7003	0.4276	0.0543	0.4196	0.0809	0.0350	0.6664

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	GLXMA GOSHI		GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI
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
Trt-Eval Interval	ROW2	ROW1	ROW1	ROW1	ROW1	ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
	145	146	147	148	149	150	151
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL		72	71	71	75	74
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL	74 a	72	75	77	74	68
7	7 WEEK REMOVAL						
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS	61 a					
LSD (P=.05)	35.8	.	.	.	.	.	.
Standard Deviation	11.8	.	.	.	.	.	.
CV	17.57	.	.	.	.	.	.
Grand Mean	67.0	.	35.88	37.0	37.75	37.13	35.0
Bartlett's X2	3.366	.	.	.	.	.	.
P(Bartlett's X2)	0.067	.	.	.	.	.	.
Replicate F	0.233						
Replicate Prob(F)	0.8679						
Treatment F	2.440						
Treatment Prob(F)	0.2587						

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	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI		
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	ROW2	ROW2	ROW2	ROW2	ROW2	ROW2	ROW2		
Trt-Eval Interval									
ARM Action Codes									
# Subsamples, Dec.						T11 1			
Trt No.	Treatment Name	Rate Unit	152	153	154	155	156	157	158
1	1 WEEK REMOVAL								
2	2 WEEK REMOVAL								
3	3 WEEK REMOVAL	75	71	70	62	65	70.6		
4	4 WEEK REMOVAL								
5	5 WEEK REMOVAL								
6	6 WEEK REMOVAL	64	70	67	69	66	70.3	68	
7	7 WEEK REMOVAL								
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO BEANS								
LSD (P=.05)	.	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.	.
Grand Mean	33.5	35.13	34.0	33.5	32.83	35.17	68.0		
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 157: T11 = @AVG([C147].[C156])

## LSU Northeast Research Station

Weed Code	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI		GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI
Crop Code	WEED CTS	FRESH WTS	DRY WTS		CROP HTS	CROP HTS	CROP HTS
Rating Data Type		GRAMS	GRAMS		CM	CM	CM
Rating Unit		GRAMS	GRAMS		CM	CM	CM
Rating Date	8/Jul/2005	8/Jul/2005	8/Jul/2005		15/Jul/2005	15/Jul/2005	15/Jul/2005
Trt-Eval Interval	ROW 2	WEEK 6	WEEK 6		ROW1	ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
	159	160	161	162	163	164	165
1	1 WEEK REMOVAL						
2	2 WEEK REMOVAL						
3	3 WEEK REMOVAL						
4	4 WEEK REMOVAL						
5	5 WEEK REMOVAL						
6	6 WEEK REMOVAL	65	13702	2448			
7	7 WEEK REMOVAL				89 a	95 a	94 a
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS				95 a	96 a	94 a
LSD (P=.05)	.	.	.	.	34.2	14.8	8.7
Standard Deviation	.	.	.	.	15.2	6.6	3.9
CV	.	.	.	.	16.59	6.87	4.11
Grand Mean	65.0	13702.25	2448.25	.	91.75	95.5	93.75
Bartlett's X2	.	.	.	.	2.743	1.335	1.334
P(Bartlett's X2)	.	.	.	.	0.098	0.248	0.248
Replicate F					0.306	0.876	1.944
Replicate Prob(F)					0.8218	0.5421	0.2994
Treatment F					0.311	0.047	0.034
Treatment Prob(F)					0.6161	0.8431	0.8660

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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005	15/Jul/2005		
Trt-Eval Interval	ROW1	ROW1	ROW2	ROW2	ROW2	ROW2	ROW2		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate Unit							
			166	167	168	169	170	171	172
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 a	89 a	86 a	90 a	87 a	83 a	86 a
8	8 WEEK REMOVAL								
9	FULL SEASON								
10	NO BEANS		94 a	96 a	87 a	83 a	77 b	80 a	82 a
LSD (P=.05)			12.8	77.4	29.5	9.6	4.7	9.0	155.4
Standard Deviation			5.7	8.6	13.1	4.3	2.1	4.0	17.3
CV			6.09	9.35	15.16	4.96	2.54	4.93	20.59
Grand Mean			93.13	92.13	86.38	86.25	82.0	81.38	84.0
Bartlett's X2			1.829	0.704	1.341	0.0	0.144	0.099	0.015
P(Bartlett's X2)			0.176	0.401	0.247	0.001*	0.705	0.753	0.903
Replicate F			1.851	0.581	0.265	1.500	19.462	7.326	0.712
Replicate Prob(F)			0.3129	0.7192	0.8478	0.3735	0.0181	0.0681	0.6786
Treatment F			0.315	1.418	0.018	5.345	46.154	0.938	0.107
Treatment Prob(F)			0.6137	0.4447	0.9012	0.1038	0.0065	0.4042	0.7987

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		GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI
Crop Code							
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		ROW1	ROW1	ROW1	ROW1	ROW1	ROW2
ARM Action Codes	T12						
# Subsamples, Dec.	1						
Trt No.	Treatment Name	Rate Unit					
	173	174	175	176	177	178	179
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	89.2 a	77	71	81	84	82
8	8 WEEK REMOVAL						
9	FULL SEASON						
10	NO BEANS	88.4 a					
LSD (P=.05)	8.55	.	.	.	.	.	.
Standard Deviation	3.80	.	.	.	.	.	.
CV	4.28	.	.	.	.	.	.
Grand Mean	88.78	76.75	70.5	81.0	83.75	82.0	81.25
Bartlett's X2	0.082	.	.	.	.	.	.
P(Bartlett's X2)	0.774	.	.	.	.	.	.
Replicate F	2.098						
Replicate Prob(F)	0.2792						
Treatment F	0.103						
Treatment Prob(F)	0.7693						

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 173: T12 = @AVG([C163].[C172])

## LSU Northeast Research Station

Weed Code	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI	
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	ROW2	ROW2	ROW2	ROW2		ROW 1	ROW 2	
ARM Action Codes					T13			
# Subsamples, Dec.					1			
Trt No.	Treatment Name	Rate Unit						
180		180	181	182	183	184	185	186
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	82	84	85	86	81.2	66	65
8	8 WEEK REMOVAL							
9	FULL SEASON							
10	NO BEANS							
LSD (P=.05)	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.
Grand Mean	82.25	84.25	85.25	86.0	81.17	65.5	64.75	
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 184: T13 = @AVG([C174].[C183])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA		GLXMA	GLXMA	GLXMA	GLXMA
Crop Code	GOSHI	GOSHI		GOSHI	GOSHI	GOSHI	GOSHI
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		ROW1	ROW1	ROW1	ROW1
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate Unit					
	187	188	189	190	191	192	193
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	19157	3659				
8	8 WEEK REMOVAL			108 a	107 a	104 a	110 a
9	FULL SEASON						
10	NO BEANS			103 a	104 a	97 a	108 a
LSD (P=.05)	.	.	.	14.8	26.1	17.0	12.8
Standard Deviation	.	.	.	6.6	11.6	7.5	5.7
CV	.	.	.	6.27	11.03	7.53	5.23
Grand Mean	19157.25	3658.5	.	105.13	105.25	100.13	109.0
Bartlett's X2	.	.	.	4.964	0.193	3.414	0.364
P(Bartlett's X2)	.	.	.	0.026*	0.661	0.065	0.546
Replicate F				1.667	1.074	1.252	3.877
Replicate Prob(F)				0.3424	0.4772	0.4288	0.1475
Treatment F				1.038	0.182	1.851	0.138
Treatment Prob(F)				0.3832	0.6986	0.2669	0.7345

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	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	ROW1	ROW2	ROW2	ROW2	ROW2	ROW2		
ARM Action Codes							T14	
# Subsamples, Dec.							1	
Trt No.	Treatment Name	Rate Unit						
		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							
8	8 WEEK REMOVAL	113 a	105 a	104 a	109 a	106 a	109 a	107.4 a
9	FULL SEASON							
10	NO BEANS	102 a	99 a	98 a	98 b	98 a	104 a	101.0 a
LSD (P=.05)		12.7	10.1	20.8	9.8	9.5	13.1	9.25
Standard Deviation		5.6	4.5	9.2	4.4	4.2	5.8	4.11
CV		5.24	4.38	9.16	4.23	4.13	5.49	3.95
Grand Mean		107.63	102.0	101.0	103.38	101.75	106.38	104.16
Bartlett's X2		1.621	1.101	0.146	2.266	0.26	0.009	1.405
P(Bartlett's X2)		0.203	0.294	0.702	0.132	0.61	0.924	0.236
Replicate F		5.278	1.867	0.207	2.481	10.953	11.012	2.908
Replicate Prob(F)		0.1026	0.3105	0.8861	0.2375	0.0400	0.0397	0.2020
Treatment F		7.270	3.600	0.988	10.987	7.245	1.938	4.885
Treatment Prob(F)		0.0740	0.1540	0.3934	0.0452	0.0743	0.2582	0.1141

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 200: T14 = @AVG([C190].[C199])

## LSU Northeast Research Station

Weed Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
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	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005	21/Jul/2005		
Trt-Eval Interval	ROW1	ROW1	ROW1	ROW1	ROW1	ROW2	ROW2		
ARM Action Codes									
# Subsamples, Dec.									
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		96	94	97	88	93	87	87
9	FULL SEASON								
10	NO BEANS								
LSD (P=.05)			.	.	.	.	.	.	.
Standard Deviation			.	.	.	.	.	.	.
CV			.	.	.	.	.	.	.
Grand Mean			96.0	93.5	97.0	87.5	93.25	86.5	86.75
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.

## LSU Northeast Research Station

Weed Code	GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI		GLXMA GOSHI	GLXMA GOSHI	GLXMA GOSHI		
Crop Code	WEED HTS	WEED HTS	WEED HTS	AVG HTS	WEED CTS	WEED CTS	FRESH WTS		
Rating Data Type	CM	CM	CM	CM			GRAMS		
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	ROW2	ROW2	ROW2		ROW 1	ROW 2	WEEK 8		
Trt-Eval Interval				T15					
ARM Action Codes				1					
# 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								
8	8 WEEK REMOVAL		85	88	84	89.8	65	64	20841
9	FULL SEASON								
10	NO BEANS								
LSD (P=.05)	.	.	.	.	.	.	.	.	.
Standard Deviation	.	.	.	.	.	.	.	.	.
CV	.	.	.	.	.	.	.	.	.
Grand Mean	84.5	88.25	84.25	89.75	65.0	64.0	20840.5		
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 211: T15 = @AVG([C201].[C210])

## LSU Northeast Research Station

Weed Code	GLXMA		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Crop Code	GOSHI		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Rating Data Type	DRY WTS		YIELD	YIELD	AVG CROP HT	WEED CTS	WEED CTS		
Rating Unit	GRAMS		LBS	LB/A	CM				
Rating Date	21/Jul/2005		11/Oct/2005	11/Oct/2005	10/Oct/2005	10/Oct/2005	10/Oct/2005		
Trt-Eval Interval	WEEK 8				@harvest	@harvest	@harvest		
ARM Action Codes				TY16		row1	row2		
# Subsamples, Dec.				1					
Trt No.	Treatment Name	Rate Unit							
			215	216	217	218	219	220	221
1	1 WEEK REMOVAL				7 ab	1361.7 a	129 a		
2	2 WEEK REMOVAL				8 ab	1361.7 a	133 a		
3	3 WEEK REMOVAL				7 ab	1200.4 a	137 a		
4	4 WEEK REMOVAL				8 ab	1347.4 a	127 a		
5	5 WEEK REMOVAL				9 a	1434.7 a	123 a		
6	6 WEEK REMOVAL				9 a	1393.9 a	131 a		
7	7 WEEK REMOVAL				7 ab	1186.6 a	129 a		
8	8 WEEK REMOVAL	5651			6 b	927.8 a	131 a		
9	FULL SEASON				4 c	591.4 b	130 a	56	51
10	NO BEANS				9 a	1390.6 a	133 a		
	LSD (P=.05)				1.8	317.38	11.6		
	Standard Deviation				1.2	218.73	8.0		
	CV				16.77	17.93	6.14		
	Grand Mean	5651.25			7.32	1219.62	130.31	55.75	51.25
	Bartlett's X2				7.73	10.035	3.82		
	P(Bartlett's X2)				0.562	0.348	0.923		
	Replicate F				9.572	10.141	12.895		
	Replicate Prob(F)				0.0002	0.0001	0.0001		
	Treatment F				6.965	5.981	0.966		
	Treatment Prob(F)				0.0001	0.0001	0.4882		

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: TY16 = 163.2684\*[217]