

LSU Northeast Research Station

EVALUATION OF PREFIX AND SEQUENCE IN ROUNDUP READY SOYBEAN

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

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1. SORHA	Johnson grass	Sorghum halepense
2. ECHCG	Barnyardgrass, common	Echinochloa crus-galli
3. IPOLA	Morningglory, pitted	Ipomoea lacunosa
4. IPOHG	Morningglory, entireleaf	Ipomoea hederacea
5. SEBEX	Coffeebean	integriuscul
6. CASOB	Sickle pod	Sesbania exaltata
7. AMARE	Carelessweed	Cassia obtusifolia
		Amaranthus retroflexus

Crop 1: GLXMA SOYBEAN Variety: PIONEER 94B73 RR
Planting Date: 3/May/2007

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 25 FT Reps: 4
Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% Sand: 16 % OM: 1.4 Texture: SILTY CLAY LOAM
% Silt: 54 pH: 6.1
% Clay: 30 CEC: 13.7

APPLICATION DESCRIPTION

	A	B	C
Application Date:	3/May/2007	29/May/2007	7/Jun/2007
Time of Day:	12:30 PM	11:40 AM	11:20 AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PREPRE	EAPOCR	POSPOS
Applic. Placement:	BROSOI	BROFOL	BROFOL
Air Temp., Unit:	80 F	78 F	91 F
% Relative Humidity:	73	74	48
Wind Velocity, Unit:	12.3 MPH	6.2 MPH	8.2 MPH
Dew Presence (Y/N):	N	N	N
Water Hardness:	N	N	N
Soil Temp., Unit:	74 F	78 F	85 F
Soil Moisture:	MOIST	DRY	DRY
% Cloud Cover:	100	100	0

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	GLXMA N/A	GLXMA 3 TRIFOL	GLXMA 5-6TRIFOL
Stage Scale:			
Height, Unit:			

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	SORHA 1-3"	SORHA 2-5"	SORHA 12"
Stage Scale:			
Density, Unit:			
Weed 2 Code, Stage:	ECHCG 1-3"	ECHCG 2-5"	ECHCG 3-5"
Stage Scale:			
Density, Unit:			
Weed 3 Code, Stage:	IPOLA 1-3"	IPOLA 2-5"	IPOLA 3-5"
Stage Scale:			
Density, Unit:			
Weed 4 Code, Stage:	IPOHG 1-3"	IPOHG 2-5"	IPOHG 3-5"
Stage Scale:			
Density, Unit:			
Weed 5 Code, Stage:	SEBEX 1-3"	SEBEX 2-5"	SEBEX 3-5"
Stage Scale:			
Density, Unit:			
Weed 6 Code, Stage:	CASOB 1-3"	CASOB 2-5"	CASOB 3-5"
Stage Scale:			
Density, Unit:			
Weed 7 Code, Stage:	AMARE 1-3"	AMARE 2-5"	AMARE 3-5"
Stage Scale:			
Density, Unit:			

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK
Operating Pressure:	34 PSI	33 PSI	33 PSI
Nozzle Type:	DG	DG	DG
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	20	20	20
Nozzles/Row:	2	2	2
Band Width, Unit:			
Boom Length, Unit:			
Boom Height, Unit:			
Ground Speed, Unit:	3.2 MPH	3.2 MPH	3.2 MPH
Incorporation Equip.:			
Hours to Incorp.:			
Incorp. Depth, Unit:			
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Spray pH:			
Propellant:			
Tank Mix (Y/N):			

LSU Northeast Research Station

Soybeans, Sequence, Prefix, Evaluate Prefix and Sequence in RR soybeans.

Trial ID:		Study Dir.:								
Location:		Investigator: Donnie Miller								
Weed Code		SORHA	ECHCG	IPOLA	IPOHG	SEBEX	CASOB	AMARE		
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit		%	%	%	%	%	%	%		
Rating Date		10/May/2007	10/May/2007	10/May/2007	10/May/2007	10/May/2007	10/May/2007	10/May/2007		
Trt-Eval Interval		7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A		
Trt Treatment										
No. Name	Rate	Unit	Appl Code	1	2	3	4	5	6	7
1 CHECK				0.00 b	0.00 b	0.00 b	0.00 b	0.00 c	0.00 b	0.00 b
2 PREFIX	1480.0 g ai/ha	A		100.00 a	100.00 a	91.25 a	91.25 a	98.75 a	100.00 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
3 PREFIX	1480.0 g ai/ha	A		100.00 a	100.00 a	91.25 a	91.25 a	92.50 b	97.50 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B								
4 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		100.00 a	100.00 a	90.00 a	90.00 a	96.25 ab	98.75 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
5 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		100.00 a	100.00 a	90.00 a	90.00 a	100.00 a	100.00 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B								
6 SEQUENCE 5.25 EW	1840.0 g ae/ha	B								
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C								
7 SEQUENCE 5.25 EW	1840.0 g ae/ha	B								
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	C								
LSD (P=.05)				0.000	0.000	6.926	6.926	6.090	3.445	0.000
Standard Deviation				0.000	0.000	4.495	4.495	3.953	2.236	0.000
CV				0.0	0.0	6.2	6.2	5.1	2.82	0.0
Grand Mean				80.0	80.0	72.5	72.5	77.5	79.25	80.0
Bartlett's X2				0.0	0.0	5.259	5.259	2.277	1.308	0.0
P(Bartlett's X2)				.	.	0.154	0.154	0.32	0.253	.
Replicate F				0.000	0.000	1.567	1.567	0.533	2.250	0.000
Replicate Prob(F)				1.0000	1.0000	0.2486	0.2486	0.6681	0.1349	1.0000
Treatment F				0.000	0.000	325.206	325.206	482.600	1571.000	0.000
Treatment Prob(F)				1.0000	1.0000	0.0001	0.0001	0.0001	0.0001	1.0000

Means followed by same letter do not significantly differ (P=.05, LSD)

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

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Weed Code		SORHA	ECHCG	IPOLA	IPOHG	SEBEX	CASOB	AMARE		
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit		%	%	%	%	%	%	%		
Rating Date		24/May/2007	24/May/2007	24/May/2007	24/May/2007	24/May/2007	24/May/2007	24/May/2007		
Trt-Eval Interval		21 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A		
Trt Treatment										
No. Name	Rate	Unit	Appl Code	8	9	10	11	12	13	14
1 CHECK				0.00 c	0.00 b	0.00 b	0.00 b	0.00 d	0.00 b	0.00 b
2 PREFIX	1480.0 g ai/ha	A		88.75 b	95.00 a	78.75 a	95.00 a	78.75 ab	92.50 a	95.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
3 PREFIX	1480.0 g ai/ha	A		92.50 ab	95.00 a	77.50 a	95.00 a	68.75 c	92.50 a	95.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B								
4 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		91.25 ab	95.00 a	78.75 a	95.00 a	73.75 bc	91.25 a	95.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
5 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		95.00 a	93.75 a	75.00 a	95.00 a	86.25 a	93.75 a	95.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B								
6 SEQUENCE 5.25 EW	1840.0 g ae/ha	B								
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C								
7 SEQUENCE 5.25 EW	1840.0 g ae/ha	B								
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C								
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	C								
LSD (P=.05)				5.757	1.723	8.232	0.000	9.115	4.392	0.000
Standard Deviation				3.736	1.118	5.342	0.000	5.916	2.850	0.000
CV				5.08	1.48	8.62	0.0	9.62	3.85	0.0
Grand Mean				73.5	75.75	62.0	76.0	61.5	74.0	76.0
Bartlett's X2				2.342	0.0	1.939	0.0	0.951	2.963	0.0
P(Bartlett's X2)				0.31	.	0.585	.	0.813	0.397	.
Replicate F				3.463	1.000	4.321	0.000	1.000	9.846	0.000
Replicate Prob(F)				0.0510	0.4262	0.0277	1.0000	0.4262	0.0015	1.0000
Treatment F				485.239	5739.001	168.679	0.000	139.857	842.846	0.000
Treatment Prob(F)				0.0001	0.0001	0.0001	1.0000	0.0001	0.0001	1.0000

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LSU Northeast Research Station

Weed Code				SORHA	ECHCG	IPOLA	IPOHG	SEBEX	CASOB	AMARE	
Crop Code				GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type				INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit				%	%	%	%	%	%	%	
Rating Date				24/May/2007	5/Jun/2007	5/Jun/2007	5/Jun/2007	5/Jun/2007	5/Jun/2007	5/Jun/2007	
Trt-Eval Interval				21 DA-A	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	
Trt Treatment											
No. Name	Rate	Rate Unit	Appl Code	15	16	17	18	19	20	21	22
1 CHECK				0.00 a	0.00 b	0.00 b	0.00 d	0.00 b	0.00 d	0.00 b	0.00 b
2 PREFIX	1480.0 g ai/ha	A		0.00 a	100.00 a	100.00 a	68.75 b	100.00 a	43.75 c	95.00 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
3 PREFIX	1480.0 g ai/ha	A		0.00 a	100.00 a	100.00 a	81.25 a	100.00 a	73.75 b	88.75 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B									
4 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		0.00 a	100.00 a	100.00 a	61.25 bc	100.00 a	46.25 c	88.75 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
5 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		0.00 a	100.00 a	100.00 a	80.00 a	100.00 a	100.00 a	92.50 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B									
6 SEQUENCE 5.25 EW	1840.0 g ae/ha	B			100.00 a	100.00 a	61.25 bc	100.00 a	48.75 c	90.00 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C									
7 SEQUENCE 5.25 EW	1840.0 g ae/ha	B			100.00 a	100.00 a	57.50 c	100.00 a	47.50 c	93.75 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	C									
LSD (P=.05)				0.000	0.000	0.000	9.405	0.000	11.651	8.475	0.000
Standard Deviation				0.000	0.000	0.000	6.331	0.000	7.843	5.704	0.000
CV				0.0	0.0	0.0	10.81	0.0	15.25	7.28	0.0
Grand Mean				0.0	85.71	85.71	58.57	85.71	51.43	78.39	85.71
Bartlett's X2				0.0	0.0	0.0	12.65	0.0	19.84	4.084	0.0
P(Bartlett's X2)				.	.	.	0.013*	.	0.001*	0.537	.
Replicate F				0.000	0.000	0.000	0.653	0.000	0.503	2.003	0.000
Replicate Prob(F)				1.0000	1.0000	1.0000	0.5911	1.0000	0.6849	0.1497	1.0000
Treatment F				0.000	0.000	0.000	75.238	0.000	60.813	147.622	0.000
Treatment Prob(F)				1.0000	1.0000	1.0000	0.0001	1.0000	0.0001	0.0001	1.0000

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LSU Northeast Research Station

Weed Code				SORHA	ECHCG	IPOLA	IPOHG	SEBEX	CASOB	
Crop Code				GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type				INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit				%	%	%	%	%	%	
Rating Date				5/Jun/2007	19/Jun/2007	19/Jun/2007	19/Jun/2007	19/Jun/2007	19/Jun/2007	
Trt-Eval Interval				7 DA-B	21 DA-B	21 DA-B	21 DA-B	21 DA-B	21 DA-B	
Trt Treatment										
No. Name	Rate	Unit	Appl Code	23	24	25	26	27	28	29
1 CHECK				0.00 b	0.00 b	0.00 c	0.00 c	0.00 b	0.00 d	0.00 b
2 PREFIX	1480.0 g	ai/ha	A	0.00 b	97.50 a	100.00 a	82.50 b	100.00 a	83.75 b	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
3 PREFIX	1480.0 g	ai/ha	A	11.25 a	100.00 a	100.00 a	88.75 ab	98.75 a	83.75 b	97.50 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	B							
4 SEQUENCE 5.25 EW	1840.0 g	ae/ha	A	0.00 b	96.25 a	100.00 a	82.50 b	97.50 a	80.00 bc	96.25 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
5 SEQUENCE 5.25 EW	1840.0 g	ae/ha	A	10.00 a	96.25 a	100.00 a	93.75 a	100.00 a	96.25 a	98.75 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	B							
6 SEQUENCE 5.25 EW	1840.0 g	ae/ha	B	2.50 b	96.25 a	93.75 b	80.00 b	100.00 a	71.25 c	97.50 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	C							
7 SEQUENCE 5.25 EW	1840.0 g	ae/ha	B	0.00 b	98.75 a	95.00 ab	85.00 ab	100.00 a	80.00 bc	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	C							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	C							
LSD (P=.05)				5.673	5.126	6.083	11.221	3.208	9.382	4.513
Standard Deviation				3.819	3.450	4.095	7.553	2.159	6.315	3.037
CV				112.55	4.13	4.87	10.32	2.54	8.93	3.6
Grand Mean				3.39	83.57	84.11	73.21	85.18	70.71	84.29
Bartlett's X2				2.147	3.634	0.246	5.111	1.308	3.105	2.963
P(Bartlett's X2)				0.342	0.458	0.62	0.403	0.253	0.684	0.397
Replicate F				0.714	10.800	2.325	0.939	0.702	0.896	6.194
Replicate Prob(F)				0.5562	0.0003	0.1091	0.4423	0.5630	0.4626	0.0044
Treatment F				6.959	457.000	329.876	74.572	1211.043	103.060	599.710
Treatment Prob(F)				0.0006	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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

LSU Northeast Research Station

Weed Code		AMARE		SORHA	ECHCG	IPOLA	IPOHG	SEBEX		
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type		CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit		%	%	%	%	%	%	%		
Rating Date		19/Jun/2007	19/Jun/2007	21/Jun/2007	21/Jun/2007	21/Jun/2007	21/Jun/2007	21/Jun/2007		
Trt-Eval Interval		21 DA-B	21 DA-B	7 DA-C	7 DA-C	7 DA-C	7 DA-C	7 DA-C		
Trt Treatment										
No. Name	Rate	Unit	Appl Code	30	31	32	33	34	35	36
1 CHECK				0.00 b	0.00 d	0.00 b	0.00 b	0.00 b	0.00 b	0.00 c
2 PREFIX	1480.0 g	ai/ha	A	100.00 a	0.00 d	98.75 a	100.00 a	83.75 a	100.00 a	83.75 b
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
3 PREFIX	1480.0 g	ai/ha	A	100.00 a	15.00 b	100.00 a	100.00 a	87.50 a	100.00 a	80.00 b
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	B							
4 SEQUENCE 5.25 EW	1840.0 g	ae/ha	A	100.00 a	1.25 d	100.00 a	100.00 a	83.75 a	100.00 a	85.00 ab
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
5 SEQUENCE 5.25 EW	1840.0 g	ae/ha	A	100.00 a	20.00 a	100.00 a	100.00 a	88.75 a	100.00 a	96.25 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	B							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	B							
6 SEQUENCE 5.25 EW	1840.0 g	ae/ha	B	100.00 a	8.75 c	100.00 a	96.25 a	80.00 a	100.00 a	80.00 b
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	C							
7 SEQUENCE 5.25 EW	1840.0 g	ae/ha	B	100.00 a	8.75 c	100.00 a	96.25 a	88.75 a	100.00 a	90.00 ab
TOUCHDOWN TOTAL 4.17 SL	880.0 g	ae/ha	C							
FLEXSTAR 1.88 EC (A12967A)	99.0 g	ai/ha	C							
LSD (P=.05)				0.000	4.133	1.404	5.437	9.146	0.000	11.698
Standard Deviation				0.000	2.782	0.945	3.660	6.156	0.000	7.874
CV				0.0	36.23	1.1	4.32	8.41	0.0	10.7
Grand Mean				85.71	7.68	85.54	84.64	73.21	85.71	73.57
Bartlett's X2				0.0	3.589	0.0	0.0	13.113	0.0	4.006
P(Bartlett's X2)				.	0.464	.	0.001*	0.022*	.	0.548
Replicate F				0.000	2.885	1.000	2.400	4.115	0.000	1.190
Replicate Prob(F)				1.0000	0.0643	0.4155	0.1016	0.0218	1.0000	0.3414
Treatment F				0.000	31.615	6374.334	417.000	111.094	0.000	70.037
Treatment Prob(F)				1.0000	0.0001	0.0001	0.0001	0.0001	1.0000	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

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

LSU Northeast Research Station

Weed Code		CASOB	AMARE		SORHA	ECHCG	IPOLA	IPOHG	SEBEX		
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type		CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit		%	%	%	%	%	%	%	%		
Rating Date		21/Jun/2007	21/Jun/2007	21/Jun/2007	5/Jul/2007	5/Jul/2007	5/Jul/2007	5/Jul/2007	5/Jul/2007		
Trt-Eval Interval		7 DA-C	7 DA-C	7 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C		
Trt Treatment											
No. Name	Rate	Unit	Appl Code	37	38	39	40	41	42	43	44
1 CHECK				0.00 b	0.00 b	0.00 c	0.00 b	0.00 b	0.00 b	0.00 b	0.00 c
2 PREFIX	1480.0 g ai/ha	A		98.75 a	100.00 a	3.75 bc					
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
3 PREFIX	1480.0 g ai/ha	A		97.50 a	100.00 a	6.25 b					
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B									
4 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		98.75 a	100.00 a	3.75 bc					
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
5 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		98.75 a	100.00 a	13.75 a					
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B									
6 SEQUENCE 5.25 EW	1840.0 g ae/ha	B		98.75 a	100.00 a	3.75 bc	100.00 a	92.50 a	83.75 a	97.50 a	80.00 b
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C									
7 SEQUENCE 5.25 EW	1840.0 g ae/ha	B		100.00 a	100.00 a	5.00 b	100.00 a	95.00 a	87.50 a	100.00 a	88.75 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C									
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	C									
LSD (P=.05)				3.439	0.000	4.052	0.000	13.215	12.977	4.995	7.492
Standard Deviation				2.315	0.000	2.728	0.000	7.638	7.500	2.887	4.330
CV				2.73	0.0	52.67	0.0	12.22	13.14	4.38	7.7
Grand Mean				84.64	85.71	5.18	66.67	62.5	57.08	65.83	56.25
Bartlett's X2				0.098	0.0	2.336	0.0	0.469	0.06	0.0	0.435
P(Bartlett's X2)				0.999	.	0.674	.	0.493	0.806	.	0.51
Replicate F				0.222	0.000	0.440	0.000	3.571	0.333	1.000	1.889
Replicate Prob(F)				0.8797	1.0000	0.7272	1.0000	0.0864	0.8022	0.4547	0.2325
Treatment F				1040.556	0.000	9.640	0.000	201.000	174.037	1561.000	510.333
Treatment Prob(F)				0.0001	1.0000	0.0001	1.0000	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

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

LSU Northeast Research Station

Weed Code		CASOB	AMARE	
Crop Code		GLXMA	GLXMA	GLXMA
Rating Data Type		CONTROL	CONTROL	INJURY
Rating Unit		%	%	%
Rating Date		5/Jul/2007	5/Jul/2007	5/Jul/2007
Trt-Eval Interval		21 DA-C	21 DA-C	21 DA-C
Trt Treatment	Rate	Unit	Appl Code	
No. Name	Rate	Unit	Code	45
1 CHECK				0.00 b
2 PREFIX	1480.0 g ai/ha	A		0.00 b
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B		
3 PREFIX	1480.0 g ai/ha	A		
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B		
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B		
4 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B		
5 SEQUENCE 5.25 EW	1840.0 g ae/ha	A		
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	B		
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	B		
6 SEQUENCE 5.25 EW	1840.0 g ae/ha	B	97.50 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C		0.00 a
7 SEQUENCE 5.25 EW	1840.0 g ae/ha	B	100.00 a	100.00 a
TOUCHDOWN TOTAL 4.17 SL	880.0 g ae/ha	C		0.00 a
FLEXSTAR 1.88 EC (A12967A)	99.0 g ai/ha	C		
LSD (P=.05)			4.995	0.000
Standard Deviation			2.887	0.000
CV			4.38	0.0
Grand Mean			65.83	66.67
Bartlett's X2			0.0	0.0
P(Bartlett's X2)			.	.
Replicate F			1.000	0.000
Replicate Prob(F)			0.4547	1.0000
Treatment F			1561.000	0.000
Treatment Prob(F)			0.0001	1.0000

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