

# LSU Northeast Research Station

## EFFECTS OF PREPLANT APPLICATION OF SYNCHRONY XP AND VALOR ON IN-SEASON WEED CONTROL PROGRAMS IN ROUNDUP READY SOYBEAN

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

### CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1.	STEME Common chickweed	Stellaria media
2.	COPSS Swinecress	Coronopus sp.
3.	IPOLA Morningglory, pitted	Ipomoea lacunosa
4.	IPOHG Morningglory, entireleaf	Ipomoea hederacea integriuscul
5.	SEBEX Coffeebean	Sesbania exaltata
6.	CASOB Sickle pod	Cassia obtusifolia
7.	ECHCG Barnyardgrass, common	Echinochloa crus-galli
8.	SORHA Johnson grass	Sorghum halepense
9.	AMARE Carelessweed	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: FACTORIAL

### SOIL DESCRIPTION

% Sand: 24 % OM: 1.4 Texture: LOAM  
 % Silt: 50 pH: 6.1  
 % Clay: 26 CEC: 12.6

### APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	20/Apr/2007	18/May/2007	23/May/2007	30/May/2007	6/Jun/2007	14/Jun/2007
Time of Day:	12:00 PM	9:00 AM	11:10 AM	1:50 PM	9:00 AM	11:15 AM
Application Method:	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
Application Timing:	PREPLA	POSPOS	POSPOS	POSPOS	POSPOS	POSPOS
Applic. Placement:	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	72 F	66 F	82 F	81 F	84 F	91 F
% Relative Humidity:	40	49	54	60	65	48
Wind Velocity, Unit:	3.2 MPH	3.5 MPH	7.8 MPH	9.5 MPH	6.4 MPH	8.2 MPH
Dew Presence (Y/N):	N	N	N	N	N	N
Water Hardness:	N	N	N	N	N	N
Soil Temp., Unit:	68 F	68 F	77 F	79 F	78 F	85 F
Soil Moisture:	DRY	DRY	DRY	DRY	DRY	DRY
% Cloud Cover:	100	0	35	70	0	0

### CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F	
Crop 1 Code, Stage:	GLXMA N/A	GLXMA 1	TRUE LF GLXMA	1-2TRIFOL GLXMA	3 TRIFOL	GLXMA 3-4TRIFOL	GLXMA 5-6TRIFOL
Stage Scale:							
Height, Unit:							

### WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Code, Stage:	STEME 4-5"	STEME N/A	STEME 2-5"	STEME 8-12"	STEME N/A	STEME N/A
Stage Scale:						
Density, Unit:						
Weed 2 Code, Stage:	COPSS 4-5"	COPSS N/A	COPSS 2-5"	COPSS 8-12"	COPSS N/A	COPSS N/A
Stage Scale:						
Density, Unit:						
Weed 3 Code, Stage:	IPOLA N/A	IPOLA 1-2"	IPOLA 2-5"	IPOLA 8-12"	IPOLA 6-8"	IPOLA 2-3"
Stage Scale:						
Density, Unit:						
Weed 4 Code, Stage:	IPOHG N/A	IPOHG 1-2"	IPOHG 2-5"	IPOHG 8-12"	IPOHG 6-8"	IPOHG 2-3"
Stage Scale:						
Density, Unit:						
Weed 5 Code, Stage:	SEBEX N/A	SEBEX 1-2"	SEBEX 2-5"	SEBEX 8-12"	SEBEX 6-8"	SEBEX 2-3"
Stage Scale:						
Density, Unit:						
Weed 6 Code, Stage:	CASOB N/A	CASOB 1-2"	CASOB 2-5"	CASOB 8-12"	CASOB 6-8"	CASOB 2-3"
Stage Scale:						
Density, Unit:						
Weed 7 Code, Stage:	ECHCG N/A	ECHCG 1-2"	ECHCG 2-5"	ECHCG 8-12"	ECHCG 6-8"	ECHCG 2-3"
Stage Scale:						
Density, Unit:						
Weed 8 Code, Stage:	SORHA N/A	SORHA 5-6"	SORHA 18"	SORHA 8-12"	SORHA 12-18"	SORHA 12-18"
Stage Scale:						
Density, Unit:						
Weed 9 Code, Stage:	AMARE N/A	AMARE 1-2"	AMARE 2-5"	AMARE 8-12"	AMARE 6-8"	AMARE 2-3"
Stage Scale:						

**APPLICATION EQUIPMENT**

	A	B	C	D	E	F
Appl. Equipment:	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK
Operating Pressure:	37 PSI	33 PSI	33 PSI	33 PSI	33 PSI	33 PSI
Nozzle Type:	DG	DG	DG	DG	DG	DG
Nozzle Size:	11002	11002	11002	11002	11002	11002
Nozzle Spacing, Unit:	20	20	20	20	20	20
Nozzles/Row:	2	2	2	2	2	2
Band Width, Unit:						
Boom Length, Unit:						
Boom Height, Unit:						
Ground Speed, Unit:	3.2 MPH	3.2 MPH	3.2 MPH	3.2 MPH	3.2 MPH	3.2 MPH
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER	WATER	WATER	WATER	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA	15 GPA	15 GPA	15 GPA
Spray pH:						
Propellant:						
Tank Mix (Y/N):						





FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 4/May/2007 14  
DA-A

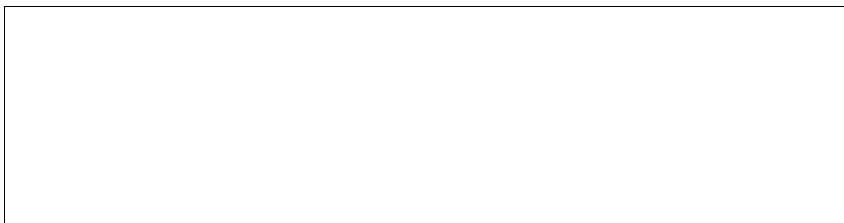
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 4/May/2007 14  
DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			



FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	67836.979167				
R	3	334.895833	111.631944	2.238	0.1023	5.89
A	1	25.520833	25.520833	0.512	0.4795	4.16
B	5	65671.354167	13134.270833	263.267	0.0001	7.21
AB	5	158.854167	31.770833	0.637	0.6731	10.20
ERROR	33	1646.354167	49.889520			

# LSU Northeast Research Station

Weed Code	SORHA	IPOLA	IPOHG	SEBEX	CASOB	AMARE	DIGSA		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit	%	%	%	%	%	%	%		
Rating Date	16/May/2007	16/May/2007	16/May/2007	16/May/2007	16/May/2007	16/May/2007	16/May/2007		
Trt-Eval Interval	1 WAE	1 WAE	1 WAE	1 WAE	1 WAE	1 WAE	1 WAE		
Trt Treatment									
No. Name	Rate	Appl							
	Rate Unit	Code	9	10	11	12	13	14	15

## TABLE OF R MEANS

Replicate 1	85.83	94.17	94.17	95.00	88.33	95.00	95.00
Replicate 2	91.67	84.17	84.17	92.50	83.33	95.00	95.00
Replicate 3	91.67	84.17	84.17	89.17	86.67	95.00	95.00
Replicate 4	95.00	82.50	82.50	91.67	90.83	95.00	95.00

## TABLE OF A MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	92.08	86.67	86.67	90.00	87.08	95.00	95.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB							
1 SALVO	12.8 oz/a	A							
1 15 DBP									
2 VALOR	2 oz wt/a	A	90.00	85.83	85.83	94.17	87.50	95.00	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB							
2 SALVO	12.8 oz/a	A							
2 15 DBP									

## TABLE OF B MEANS

1 1 WAE	91.25	87.50	87.50	92.50	86.88	95.00	95.00
2 2 WAE	.	.	.	.	.	.	.
3 3 WAE	.	.	.	.	.	.	.
4 4 WAE	.	.	.	.	.	.	.
5 1 WAE	88.75	86.25	86.25	90.00	83.75	95.00	95.00
5 3 WAE							
6 1 WAE	93.13	85.00	85.00	93.75	91.25	95.00	95.00
6 3 WAE							
6 5 WAE							

## TABLE OF AB MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	92.50	88.75	88.75	91.25	87.50	95.00	95.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB							
1 SALVO	12.8 oz/a	A							
1 15 DBP									
1 1 WAE									
2 VALOR	2 oz wt/a	A	90.00	86.25	86.25	93.75	86.25	95.00	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB							
1 SALVO	12.8 oz/a	A							
1 15 DBP									
2 2 WAE									
2 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
2 2 WAE									
1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB							
1 SALVO	12.8 oz/a	A							
1 15 DBP									
3 3 WAE									
2 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
3 3 WAE									
1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB							
1 SALVO	12.8 oz/a	A							
1 15 DBP									
4 4 WAE									
2 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
4 4 WAE									
1 SYNCHRONY XP	1.5 oz wt/a	A	91.25	83.75	83.75	86.25	82.50	95.00	95.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB							



FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	100261.979167				
R	3	130.729167	43.576389	2.736	0.0592	3.33
A	1	13.020833	13.020833	0.818	0.3724	2.35
B	5	99540.104167	19908.020833	1250.121	0.0001	4.07
AB	5	52.604167	10.520833	0.661	0.6557	5.76
ERROR	33	525.520833	15.924874			

FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	90331.250000				
R	3	256.250000	85.416667	4.215	0.0125	3.75
A	1	2.083333	2.083333	0.103	0.7505	2.65
B	5	89293.750000	17858.750000	881.254	0.0001	4.60
AB	5	110.416667	22.083333	1.090	0.3844	6.50
ERROR	33	668.750000	20.265152			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	90331.250000				
R	3	256.250000	85.416667	4.215	0.0125	3.75
A	1	2.083333	2.083333	0.103	0.7505	2.65
B	5	89293.750000	17858.750000	881.254	0.0001	4.60
AB	5	110.416667	22.083333	1.090	0.3844	6.50
ERROR	33	668.750000	20.265152			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	102397.916667				
R	3	52.083333	17.361111	1.440	0.2489	2.89
A	1	52.083333	52.083333	4.319	0.0455	2.05
B	5	101810.416667	20362.083333	1688.667	0.0001	3.55
AB	5	85.416667	17.083333	1.417	0.2440	5.01
ERROR	33	397.916667	12.058081			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	92486.979167				
R	3	89.062500	29.687500	1.366	0.2702	3.89
A	1	0.520833	0.520833	0.024	0.8779	2.75
B	5	91665.104167	18333.020833	843.559	0.0001	4.76
AB	5	15.104167	3.020833	0.139	0.9819	6.73
ERROR	33	717.187500	21.732955			

FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	108300.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	108300.000000	21660.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For DIGSA GLXMA CONTROL % 16/May/2007 1  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	108300.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	108300.000000	21660.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

# LSU Northeast Research Station

Weed Code			ECHCG	SORHA	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			23/May/2007	23/May/2007	23/May/2007	23/May/2007	23/May/2007	23/May/2007	23/May/2007	
Trt-Eval Interval			2 WAE	2 WAE	2 WAE	2 WAE	2 WAE	2 WAE	2 WAE	
Trt Treatment		Rate								
No. Name		Rate Unit	Appl Code							
				16	17	18	19	20	21	22

## TABLE OF R MEANS

Replicate 1				85.00	77.50	87.50	90.00	95.00	85.00	95.00
Replicate 2				77.50	87.50	90.00	95.00	90.00	82.50	95.00
Replicate 3				72.50	87.50	87.50	90.00	85.00	95.00	95.00
Replicate 4				72.50	87.50	87.50	92.50	80.00	95.00	95.00

## TABLE OF A MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A		80.00	82.50	90.00	92.50	85.00	91.25	95.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
2 VALOR	2 oz wt/a	A		73.75	87.50	86.25	91.25	90.00	87.50	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										

## TABLE OF B MEANS

1 1 WAE				.	.	.	.	.	.	.
2 2 WAE				76.88	85.00	88.13	91.88	87.50	89.38	95.00
3 3 WAE				.	.	.	.	.	.	.
4 4 WAE				.	.	.	.	.	.	.
5 1 WAE				.	.	.	.	.	.	.
5 3 WAE				.	.	.	.	.	.	.
6 1 WAE				.	.	.	.	.	.	.
6 3 WAE				.	.	.	.	.	.	.
6 5 WAE				.	.	.	.	.	.	.

## TABLE OF AB MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A		.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
1 1 WAE										
2 VALOR	2 oz wt/a	A		.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
1 1 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A		80.00	82.50	90.00	92.50	85.00	91.25	95.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
2 2 WAE										
2 VALOR	2 oz wt/a	A		73.75	87.50	86.25	91.25	90.00	87.50	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
2 2 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A		.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
3 3 WAE										
2 VALOR	2 oz wt/a	A		.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
3 3 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A		.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
4 4 WAE										
2 VALOR	2 oz wt/a	A		.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
4 4 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A		.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a	AB								



FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	40095.312500				
R	3	34.895833	11.631944	0.657	0.5841	3.51
A	1	13.020833	13.020833	0.736	0.3971	2.48
B	5	39398.437500	7879.687500	445.368	0.0001	4.29
AB	5	65.104167	13.020833	0.736	0.6018	6.07
ERROR	33	583.854167	17.692551			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	48466.666667				
R	3	25.000000	8.333333	1.222	0.3171	2.18
A	1	8.333333	8.333333	1.222	0.2769	1.54
B	5	48166.666667	9633.333333	1412.889	0.0001	2.67
AB	5	41.666667	8.333333	1.222	0.3207	3.77
ERROR	33	225.000000	6.818182			

FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	51920.312500				
R	3	1.562500	0.520833	0.147	0.9311	1.57
A	1	4.687500	4.687500	1.320	0.2589	1.11
B	5	51773.437500	10354.687500	2915.880	0.0001	1.92
AB	5	23.437500	4.687500	1.320	0.2798	2.72
ERROR	33	117.187500	3.551136			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	56420.312500				
R	3	5.729167	1.909722	0.457	0.7144	1.70
A	1	0.520833	0.520833	0.125	0.7264	1.21
B	5	56273.437500	11254.687500	2690.932	0.0001	2.09
AB	5	2.604167	0.520833	0.125	0.9859	2.95
ERROR	33	138.020833	4.182449			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	51391.666667				
R	3	41.666667	13.888889	1.774	0.1713	2.33
A	1	8.333333	8.333333	1.065	0.3097	1.65
B	5	51041.666667	10208.333333	1304.032	0.0001	2.86
AB	5	41.666667	8.333333	1.065	0.3976	4.04
ERROR	33	258.333333	7.828283			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	53724.479167				
R	3	43.229167	14.409722	1.187	0.3296	2.90
A	1	4.687500	4.687500	0.386	0.5386	2.05
B	5	53252.604167	10650.520833	877.525	0.0001	3.56
AB	5	23.437500	4.687500	0.386	0.8546	5.03
ERROR	33	400.520833	12.136995			

FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	60166.666667				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	60166.666667	12033.333333	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

# LSU Northeast Research Station

Weed Code	DIGSA	ECHCG	SORHA	IPOLA	IPOHG	SEBEX	CASOB		
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA		
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit	%	%	%	%	%	%	%		
Rating Date	23/May/2007	30/May/2007	30/May/2007	30/May/2007	30/May/2007	30/May/2007	30/May/2007		
Trt-Eval Interval	2 WAE	3 WAE	3 WAE	3 WAE	3 WAE	3 WAE	3 WAE		
Trt Treatment	Rate	Appl							
No. Name	Rate Unit	Code	23	24	25	26	27	28	29

## TABLE OF R MEANS

Replicate 1	92.50	90.83	86.67	91.67	95.00	93.33	90.83
Replicate 2	90.00	85.83	90.00	85.00	94.17	88.33	90.00
Replicate 3	90.00	85.83	90.00	89.17	93.33	91.67	95.00
Replicate 4	90.00	83.33	92.50	85.00	94.17	88.33	94.17

## TABLE OF A MEANS

1 SYNCHRONY XP	1.5 oz wt/a A	92.50	85.42	90.83	89.17	94.58	88.75	92.50
1 ROUNDUP WEATHERMAX	22 oz/a AB							
1 SALVO	12.8 oz/a A							
1 15 DBP								
2 VALOR	2 oz wt/a A	88.75	87.50	88.75	86.25	93.75	92.08	92.50
2 ROUNDUP WEATHERMAX	22 oz/a AB							
2 SALVO	12.8 oz/a A							
2 15 DBP								

## TABLE OF B MEANS

1 1 WAE	.	.	.	.	.	.	.
2 2 WAE	90.63	.	.	.	.	.	.
3 3 WAE	.	69.38	79.38	77.50	92.50	81.25	87.50
4 4 WAE	.	.	.	.	.	.	.
5 1 WAE	.	95.00	95.00	92.50	95.00	95.00	95.00
5 3 WAE	.	.	.	.	.	.	.
6 1 WAE	.	95.00	95.00	93.13	95.00	95.00	95.00
6 3 WAE	.	.	.	.	.	.	.
6 5 WAE	.	.	.	.	.	.	.

## TABLE OF AB MEANS

1 SYNCHRONY XP	1.5 oz wt/a A	.	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a AB							
1 SALVO	12.8 oz/a A							
1 15 DBP								
1 1 WAE								
2 VALOR	2 oz wt/a A	.	.	.	.	.	.	
2 ROUNDUP WEATHERMAX	22 oz/a AB							
2 SALVO	12.8 oz/a A							
2 15 DBP								
1 1 WAE								
1 SYNCHRONY XP	1.5 oz wt/a A	92.50	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a AB							
1 SALVO	12.8 oz/a A							
1 15 DBP								
2 2 WAE								
2 VALOR	2 oz wt/a A	88.75	.	.	.	.	.	
2 ROUNDUP WEATHERMAX	22 oz/a AB							
2 SALVO	12.8 oz/a A							
2 15 DBP								
2 2 WAE								
1 SYNCHRONY XP	1.5 oz wt/a A	.	66.25	82.50	82.50	93.75	76.25	87.50
1 ROUNDUP WEATHERMAX	22 oz/a AB							
1 SALVO	12.8 oz/a A							
1 15 DBP								
3 3 WAE								
2 VALOR	2 oz wt/a A	.	72.50	76.25	72.50	91.25	86.25	87.50
2 ROUNDUP WEATHERMAX	22 oz/a AB							
2 SALVO	12.8 oz/a A							
2 15 DBP								
3 3 WAE								
1 SYNCHRONY XP	1.5 oz wt/a A	.	.	.	.	.	.	.
1 ROUNDUP WEATHERMAX	22 oz/a AB							
1 SALVO	12.8 oz/a A							
1 15 DBP								
4 4 WAE								
2 VALOR	2 oz wt/a A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a AB							
2 SALVO	12.8 oz/a A							
2 15 DBP								
4 4 WAE								
1 SYNCHRONY XP	1.5 oz wt/a A	.	95.00	95.00	92.50	95.00	95.00	95.00
1 ROUNDUP WEATHERMAX	22 oz/a AB							



FACTORIAL/POOLED ERROR AOV For DIGSA GLXMA CONTROL % 23/May/2007 2  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	54824.479167				
R	3	1.562500	0.520833	0.407	0.7487	0.94
A	1	4.687500	4.687500	3.667	0.0642	0.67
B	5	54752.604167	10950.520833	8565.742	0.0001	1.15
AB	5	23.437500	4.687500	3.667	0.0095	1.63
ERROR	33	42.187500	1.278409			

FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	94574.479167				
R	3	89.062500	29.687500	0.813	0.4957	5.04
A	1	13.020833	13.020833	0.357	0.5544	3.56
B	5	93202.604167	18640.520833	510.620	0.0001	6.17
AB	5	65.104167	13.020833	0.357	0.8742	8.72
ERROR	33	1204.687500	36.505682			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	98924.479167				
R	3	51.562500	17.187500	0.764	0.5223	3.95
A	1	13.020833	13.020833	0.579	0.4521	2.80
B	5	98052.604167	19610.520833	871.946	0.0001	4.84
AB	5	65.104167	13.020833	0.579	0.7157	6.85
ERROR	33	742.187500	22.490530			

FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	94061.979167				
R	3	97.395833	32.465278	5.456	0.0037	2.03
A	1	25.520833	25.520833	4.289	0.0463	1.44
B	5	93565.104167	18713.020833	3144.979	0.0001	2.49
AB	5	177.604167	35.520833	5.970	0.0005	3.52
ERROR	33	196.354167	5.950126			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	106491.666667				
R	3	4.166667	1.388889	1.375	0.2675	0.84
A	1	2.083333	2.083333	2.063	0.1604	0.59
B	5	106441.666667	21288.333333	21075.451	0.0001	1.03
AB	5	10.416667	2.083333	2.063	0.0953	1.45
ERROR	33	33.333333	1.010101			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	99947.916667				
R	3	56.250000	18.750000	1.065	0.3774	3.50
A	1	33.333333	33.333333	1.892	0.1782	2.47
B	5	99110.416667	19822.083333	1125.383	0.0001	4.28
AB	5	166.666667	33.333333	1.892	0.1224	6.06
ERROR	33	581.250000	17.613636			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 30/May/2007 3  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	103475.000000				
R	3	54.166667	18.055556	1.336	0.2793	3.06
A	1	0.000000	0.000000	0.000	1.0000	2.17
B	5	102975.000000	20595.000000	1524.415	0.0001	3.75
AB	5	0.000000	0.000000	0.000	1.0000	5.31
ERROR	33	445.833333	13.510101			

# LSU Northeast Research Station

Weed Code	AMARE	DIGSA	ECHCG	SORHA	IPOLA	IPOHG	SEBEX	CASOB			
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA			
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit	%	%	%	%	%	%	%	%			
Rating Date	30/May/2007	30/May/2007	6/Jun/2007	6/Jun/2007	6/Jun/2007	6/Jun/2007	6/Jun/2007	6/Jun/2007			
Trt-Eval Interval	3 WAE	3 WAE	4 WAE	4 WAE	4 WAE	4 WAE	4 WAE	4 WAE			
Trt Treatment											
No. Name	Rate	Appl									
	Rate	Unit	Code	30	31	32	33	34	35	36	37

## TABLE OF R MEANS

Replicate 1	95.00	95.00	80.00	70.00	92.50	90.00	85.00	77.50
Replicate 2	95.00	95.00	85.00	62.50	72.50	95.00	82.50	80.00
Replicate 3	95.00	95.00	80.00	85.00	77.50	95.00	82.50	95.00
Replicate 4	95.00	95.00	55.00	95.00	77.50	95.00	45.00	85.00

## TABLE OF A MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	95.00	95.00	78.75	81.25	87.50	95.00	72.50	83.75
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
2 VALOR	2 oz wt/a	A	95.00	95.00	71.25	75.00	72.50	92.50	75.00	85.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										

## TABLE OF B MEANS

1 1 WAE	.	.	.	.	.	.	.	.	.
2 2 WAE	.	.	.	.	.	.	.	.	.
3 3 WAE	95.00	95.00	.	.	.	.	.	.	.
4 4 WAE	.	.	75.00	78.13	80.00	93.75	73.75	84.38	.
5 1 WAE	95.00	95.00	.	.	.	.	.	.	.
5 3 WAE									
6 1 WAE	95.00	95.00	.	.	.	.	.	.	.
6 3 WAE									
6 5 WAE									

## TABLE OF AB MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
1 1 WAE										
2 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.	
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
1 1 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
2 2 WAE										
2 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.	
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
2 2 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A	95.00	95.00	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
3 3 WAE										
2 VALOR	2 oz wt/a	A	95.00	95.00	.	.	.	.	.	
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
3 3 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A	.	.	78.75	81.25	87.50	95.00	72.50	83.75
1 ROUNDUP WEATHERMAX	22 oz/a	AB								
1 SALVO	12.8 oz/a	A								
1 15 DBP										
4 4 WAE										
2 VALOR	2 oz wt/a	A	.	.	71.25	75.00	72.50	92.50	75.00	85.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB								
2 SALVO	12.8 oz/a	A								
2 15 DBP										
4 4 WAE										
1 SYNCHRONY XP	1.5 oz wt/a	A	95.00	95.00	.	.	.	.	.	
1 ROUNDUP WEATHERMAX	22 oz/a	AB								



FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 30/May/2007 3 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	108300.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	108300.000000	21660.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For DIGSA GLXMA CONTROL % 30/May/2007 3 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	108300.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	108300.000000	21660.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	39050.000000				
R	3	183.333333	61.111111	1.608	0.2062	5.14
A	1	18.750000	18.750000	0.493	0.4874	3.63
B	5	37500.000000	7500.000000	197.342	0.0001	6.29
AB	5	93.750000	18.750000	0.493	0.7788	8.90
ERROR	33	1254.166667	38.005051			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	42386.979167				
R	3	214.062500	71.354167	1.676	0.1911	5.44
A	1	13.020833	13.020833	0.306	0.5839	3.85
B	5	40690.104167	8138.020833	191.185	0.0001	6.66
AB	5	65.104167	13.020833	0.306	0.9058	9.42
ERROR	33	1404.687500	42.566288			

FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	43866.666667				
R	3	75.000000	25.000000	1.222	0.3171	3.77
A	1	75.000000	75.000000	3.667	0.0642	2.67
B	5	42666.666667	8533.333333	417.185	0.0001	4.62
AB	5	375.000000	75.000000	3.667	0.0095	6.53
ERROR	33	675.000000	20.454545			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	58681.250000				
R	3	6.250000	2.083333	1.000	0.4051	1.20
A	1	2.083333	2.083333	1.000	0.3246	0.85
B	5	58593.750000	11718.750000	5625.001	0.0001	1.47
AB	5	10.416667	2.083333	1.000	0.4331	2.08
ERROR	33	68.750000	2.083333			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	39147.916667				
R	3	368.750000	122.916667	1.618	0.2038	7.26
A	1	2.083333	2.083333	0.027	0.8695	5.14
B	5	36260.416667	7252.083333	95.489	0.0001	8.90
AB	5	10.416667	2.083333	0.027	0.9996	12.58
ERROR	33	2506.250000	75.946970			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	48082.812500				
R	3	59.895833	19.965278	1.179	0.3327	3.43
A	1	0.520833	0.520833	0.031	0.8619	2.43
B	5	47460.937500	9492.187500	560.508	0.0001	4.20
AB	5	2.604167	0.520833	0.031	0.9995	5.94







FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	60166.666667				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	60166.666667	12033.333333	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For DIGSA GLXMA CONTROL % 6/Jun/2007 4 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	48466.666667				
R	3	50.000000	16.666667	2.200	0.1066	2.29
A	1	0.000000	0.000000	0.000	1.0000	1.62
B	5	48166.666667	9633.333333	1271.600	0.0001	2.81
AB	5	0.000000	0.000000	0.000	1.0000	3.97
ERROR	33	250.000000	7.575758			

FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	3531.250000				
R	3	139.583333	46.527778	0.984	0.4122	5.73
A	1	102.083333	102.083333	2.159	0.1512	4.05
B	5	1568.750000	313.750000	6.635	0.0002	7.02
AB	5	160.416667	32.083333	0.679	0.6428	9.93
ERROR	33	1560.416667	47.285354			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	1949.479167				
R	3	101.562500	33.854167	1.810	0.1645	3.61
A	1	42.187500	42.187500	2.256	0.1426	2.55
B	5	1102.604167	220.520833	11.791	0.0001	4.42
AB	5	85.937500	17.187500	0.919	0.4809	6.24
ERROR	33	617.187500	18.702652			

FACTORIAL/POOLED ERROR AOV For IPOLA GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	4247.916667				
R	3	268.750000	89.583333	2.585	0.0698	4.91
A	1	168.750000	168.750000	4.869	0.0344	3.47
B	5	2335.416667	467.083333	13.477	0.0001	6.01
AB	5	331.250000	66.250000	1.911	0.1190	8.50
ERROR	33	1143.750000	34.659091			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	757.812500				
R	3	89.062500	29.687500	3.503	0.0261	2.43
A	1	63.020833	63.020833	7.436	0.0102	1.72
B	5	160.937500	32.187500	3.798	0.0079	2.97
AB	5	165.104167	33.020833	3.896	0.0069	4.20
ERROR	33	279.687500	8.475379			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	4986.979167				
R	3	1080.729167	360.243056	5.833	0.0026	6.55
A	1	117.187500	117.187500	1.898	0.1776	4.63
B	5	1621.354167	324.270833	5.251	0.0012	8.02
AB	5	129.687500	25.937500	0.420	0.8314	11.35
ERROR	33	2038.020833	61.758207			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 14/Jun/2007 5 WAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	3461.979167				
R	3	380.729167	126.909722	1.970	0.1376	6.69
A	1	42.187500	42.187500	0.655	0.4241	4.73
B	5	821.354167	164.270833	2.550	0.0466	8.19
AB	5	92.187500	18.437500	0.286	0.9172	11.59



# LSU Northeast Research Station

Weed Code	AMARE	DIGSA	
Crop Code	GLXMA	GLXMA	
Rating Data Type	CONTROL	CONTROL	
Rating Unit	%	%	
Rating Date	14/Jun/2007	14/Jun/2007	
Trt-Eval Interval	5 WAE	5 WAE	
Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code	46 47

## TABLE OF R MEANS

Replicate 1			100.00	100.00
Replicate 2			100.00	100.00
Replicate 3			100.00	100.00
Replicate 4			100.00	100.00

## TABLE OF A MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				

## TABLE OF B MEANS

1 1 WAE			100.00	100.00
2 2 WAE			100.00	100.00
3 3 WAE			100.00	100.00
4 4 WAE			100.00	100.00
5 1 WAE			100.00	100.00
5 3 WAE				
6 1 WAE			100.00	100.00
6 3 WAE				
6 5 WAE				

## TABLE OF AB MEANS

1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
1 1 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
1 1 WAE				
1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
2 2 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
2 2 WAE				
1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
3 3 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
3 3 WAE				
1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
4 4 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
4 4 WAE				
1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		

1 SALVO	12.8 oz/a	A		
1 15 DBP				
5 1 WAE				
5 3 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
5 1 WAE				
5 3 WAE				
1 SYNCHRONY XP	1.5 oz wt/a	A	100.00	100.00
1 ROUNDUP WEATHERMAX	22 oz/a	AB		
1 SALVO	12.8 oz/a	A		
1 15 DBP				
6 1 WAE				
6 3 WAE				
6 5 WAE				
2 VALOR	2 oz wt/a	A	100.00	100.00
2 ROUNDUP WEATHERMAX	22 oz/a	AB		
2 SALVO	12.8 oz/a	A		
2 15 DBP				
6 1 WAE				
6 3 WAE				
6 5 WAE				

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FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 14/Jun/2007 5  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			

FACTORIAL/POOLED ERROR AOV For DIGSA GLXMA CONTROL % 14/Jun/2007 5  
WAE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0.00
A	1	0.000000	0.000000	0.000	0.0000	0.00
B	5	0.000000	0.000000	0.000	0.0000	0.00
AB	5	0.000000	0.000000	0.000	0.0000	0.00
ERROR	33	0.000000	0.000000			