

LSU Northeast Research Station

EARLY SEASON RESIDUAL WEED CONTROL WITH SYNCHRONY XP AND VALOR AS AFFECTED BY PREPLANT APPLICATION INTERVAL 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
Application Date:	5/Apr/2007	20/Apr/2007	18/May/2007	23/May/2007	6/Jun/2007
Time of Day:	2:25 PM	11:45 PM	8:50 AM	11:00 AM	8:55 AM
Application Method:	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
Application Timing:	PREPLA	PREPLA	POSPOS	POSPOS	POSPOS
Applic. Placement:	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	62 F	71 F	65 F	82 F	84 F
% Relative Humidity:	37	47	52	54	65
Wind Velocity, Unit:	7.3 MPH	2.3 MPH	3.1 MPH	7.8 MPH	6.4 MPH
Dew Presence (Y/N):	N	N	N	N	N
Water Hardness:	N	N	N	N	N
Soil Temp., Unit:	68 F	67 F	68 F	77 F	78 F
Soil Moisture:	MOIST	DRY	DRY	DRY	DRY
% Cloud Cover:	40	100	0	25	0

CROP STAGE AT EACH APPLICATION

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

WEED STAGE AT EACH APPLICATION

A	B	C	D	E
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Weed 1 Code, Stage: STEME N/A	STEME 4-5"	STEME N/A	STEME N/A	STEME N/A
Stage Scale:				
Density, Unit:				
Weed 2 Code, Stage: COPSS N/A	COPSS 4-5"	COPSS N/A	COPSS N/A	COPSS N/A
Stage Scale:				
Density, Unit:				
Weed 3 Code, Stage: IPOLA N/A	IPOLA N/A	IPOLA 1-2"	IPOLA 2-5"	IPOLA 6-8"
Stage Scale:				
Density, Unit:				
Weed 4 Code, Stage: IPOHG N/A	IPOHG N/A	IPOHG 1-2"	IPOHG 2-5"	IPOHG 6-8"
Stage Scale:				
Density, Unit:				
Weed 5 Code, Stage: SEBEX N/A	SEBEX N/A	SEBEX 1-2"	SEBEX 2-5"	SEBEX 6-8"
Stage Scale:				
Density, Unit:				
Weed 6 Code, Stage: CASOB N/A	CASOB N/A	CASOB 1-2"	CASOB 2-5"	CASOB 6-8"
Stage Scale:				
Density, Unit:				
Weed 7 Code, Stage: ECHCG N/A	ECHCG N/A	ECHCG 1-2"	ECHCG 2-5"	ECHCG 6-8"
Stage Scale:				
Density, Unit:				
Weed 8 Code, Stage: SORHA N/A	SORHA N/A	SORHA 5-6"	SORHA 18"	SORHA 18-24"
Stage Scale:				
Density, Unit:				
Weed 9 Code, Stage: AMARE N/A	AMARE N/A	AMARE 1-2"	AMARE 2-5"	AMARE 6-8"
Stage Scale:				
Density, Unit:				

APPLICATION EQUIPMENT

	A	B	C	D	E
Appl. Equipment:	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK	CO2 BCPCCK
Operating Pressure:	37 PSI	37 PSI	33 PSI	33 PSI	33 PSI
Nozzle Type:	DG	DG	DG	DG	DG
Nozzle Size:	11002	11002	11002	11002	11002
Nozzle Spacing, Unit:	20 "	20	20	20	20
Nozzles/Row:	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
Incorporation Equip.:					
Hours to Incorp.:					
Incorp. Depth, Unit:					
Carrier:	WATER	WATER	WATER	WATER	WATER
Spray Volume, Unit:	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 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	674.652778				
R	3	59.375000	19.791667	2.393	0.0792	1.92
A	2	34.027778	17.013889	2.057	0.1383	1.66
B	1	100.347222	100.347222	12.131	0.0010	1.36
AB	2	34.027778	17.013889	2.057	0.1383	2.35
C	2	4.861111	2.430556	0.294	0.7467	1.66
AC	4	7.638889	1.909722	0.231	0.9198	2.88
BC	2	4.861111	2.430556	0.294	0.7467	2.35
ABC	4	7.638889	1.909722	0.231	0.9198	4.07
ERROR	51	421.875000	8.272059			

FACTORIAL/POOLED ERROR AOV For IPOHG GLXMA CONTROL % 4/May/2007 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	287.500000				
R	3	15.277778	5.092593	1.626	0.1948	1.18
A	2	25.000000	12.500000	3.991	0.0245	1.02
B	1	12.500000	12.500000	3.991	0.0511	0.83
AB	2	25.000000	12.500000	3.991	0.0245	1.44
C	2	8.333333	4.166667	1.330	0.2734	1.02
AC	4	16.666667	4.166667	1.330	0.2713	1.77
BC	2	8.333333	4.166667	1.330	0.2734	1.44
ABC	4	16.666667	4.166667	1.330	0.2713	2.50
ERROR	51	159.722222	3.131808			

FACTORIAL/POOLED ERROR AOV For SEBEX GLXMA CONTROL % 4/May/2007 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	227.777778				
R	3	8.333333	2.777778	1.000	0.4005	1.11
A	2	13.194444	6.597222	2.375	0.1032	0.96
B	1	22.222222	22.222222	8.000	0.0067	0.79
AB	2	13.194444	6.597222	2.375	0.1032	1.36
C	2	4.861111	2.430556	0.875	0.4230	0.96
AC	4	9.722222	2.430556	0.875	0.4854	1.67
BC	2	4.861111	2.430556	0.875	0.4230	1.36
ABC	4	9.722222	2.430556	0.875	0.4854	2.36
ERROR	51	141.666667	2.777778			

FACTORIAL/POOLED ERROR AOV For CASOB GLXMA CONTROL % 4/May/2007 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	1541.319444				
R	3	62.152778	20.717593	1.898	0.1416	2.20
A	2	19.444444	9.722222	0.891	0.4166	1.91
B	1	833.680556	833.680556	76.389	0.0001	1.56
AB	2	19.444444	9.722222	0.891	0.4166	2.70
C	2	0.694444	0.347222	0.032	0.9687	1.91
AC	4	24.305556	6.076389	0.557	0.6950	3.30
BC	2	0.694444	0.347222	0.032	0.9687	2.70
ABC	4	24.305556	6.076389	0.557	0.6950	4.67
ERROR	51	556.597222	10.913671			

FACTORIAL/POOLED ERROR AOV For ECHCG GLXMA CONTROL % 4/May/2007 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	648.611111				
R	3	6.944444	2.314815	0.574	0.6345	1.34
A	2	13.194444	6.597222	1.637	0.2047	1.16
B	1	401.388889	401.388889	99.588	0.0001	0.95
AB	2	13.194444	6.597222	1.637	0.2047	1.64
C	2	0.694444	0.347222	0.086	0.9176	1.16
AC	4	3.472222	0.868056	0.215	0.9287	2.01
BC	2	0.694444	0.347222	0.086	0.9176	1.64
ABC	4	3.472222	0.868056	0.215	0.9287	2.84
ERROR	51	205.555556	4.030501			

FACTORIAL/POOLED ERROR AOV For SORHA GLXMA CONTROL % 4/May/2007 @ PLANT						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	17421.875000				
R	3	142.708333	47.569444	0.512	0.6758	6.43
A	2	1408.333333	704.166667	7.579	0.0013	5.57
B	1	9453.125000	9453.125000	101.742	0.0001	4.54
AB	2	1408.333333	704.166667	7.579	0.0013	7.87

C	2	27.083333	13.541667	0.146	0.8647	5.57
AC	4	108.333333	27.083333	0.291	0.8822	9.64
BC	2	27.083333	13.541667	0.146	0.8647	7.87
ABC	4	108.333333	27.083333	0.291	0.8822	13.63
ERROR	51	4738.541667	92.912582			

FACTORIAL/POOLED ERROR AOV For AMARE GLXMA CONTROL % 4/May/2007 @ PLANT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	71	166.319444				
R	3	6.597222	2.199074	1.287	0.2889	0.87
A	2	17.361111	8.680556	5.080	0.0097	0.75
B	1	8.680556	8.680556	5.080	0.0285	0.62
AB	2	17.361111	8.680556	5.080	0.0097	1.07
C	2	4.861111	2.430556	1.422	0.2506	0.75
AC	4	9.722222	2.430556	1.422	0.2399	1.31
BC	2	4.861111	2.430556	1.422	0.2506	1.07
ABC	4	9.722222	2.430556	1.422	0.2399	1.85
ERROR	51	87.152778	1.708878			

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	71	77596.801455				
R	3	12.667181	4.222394	0.217	0.8841	2.94
A	2	90.569287	45.284644	2.329	0.1077	2.55
B	1	4.119516	4.119516	0.212	0.6473	2.08
AB	2	6.618651	3.309325	0.170	0.8440	3.60
C	2	76288.480945	38144.240472	1961.577	0.0001	2.55
AC	4	181.138574	45.284644	2.329	0.0685	4.41
BC	2	8.239033	4.119516	0.212	0.8098	3.60
ABC	4	13.237302	3.309325	0.170	0.9526	6.24
ERROR	51	991.730967	19.445705			

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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	Rate	Appl								
No. Name	Rate	Unit	Code	9	10	11	12	13	14	15

TABLE OF R MEANS

Replicate 1	70.00	88.33	88.33	92.50	81.67	94.17	86.67
Replicate 2	63.24	85.74	85.79	92.73	84.40	94.26	92.22
Replicate 3	61.67	81.67	81.67	90.83	80.83	93.33	91.67
Replicate 4	54.17	89.17	88.33	90.00	80.00	93.33	92.50

TABLE OF A MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	50.63	81.25	80.63	88.13	81.88	92.50	93.13
1 SALVO	12.8 oz/a	A							
2 SYNCHRONY XP	1.5 oz wt/a	A	64.38	90.00	90.00	91.25	82.50	93.75	87.50
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
3 VALOR	2 oz wt/a	A	71.81	87.43	87.47	95.17	80.80	95.07	91.67
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							

TABLE OF B MEANS

1 30 DBP	40.00	84.17	84.17	87.92	80.42	92.50	88.75
2 15 DBP	84.54	88.29	87.89	95.12	83.03	95.05	92.78

TABLE OF C MEANS

1 1 WAE	62.27	86.23	86.03	91.52	81.72	93.77	90.76
2 2 WAE	.	.	.	.	.	.	.
3 4 WAE	.	.	.	.	.	.	.

TABLE OF AB MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	16.25	81.25	81.25	81.25	81.25	90.00	93.75
1 SALVO	12.8 oz/a	A							
1 30 DBP									
2 SYNCHRONY XP	1.5 oz wt/a	A	43.75	86.25	86.25	87.50	82.50	92.50	81.25
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
3 VALOR	2 oz wt/a	A	60.00	85.00	85.00	95.00	77.50	95.00	91.25
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	85.00	81.25	80.00	95.00	82.50	95.00	92.50
1 SALVO	12.8 oz/a	A							
2 15 DBP									
2 SYNCHRONY XP	1.5 oz wt/a	A	85.00	93.75	93.75	95.00	82.50	95.00	93.75
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
3 VALOR	2 oz wt/a	A	83.61	89.86	89.93	95.35	84.10	95.14	92.08
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
2 15 DBP									

TABLE OF AC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	50.63	81.25	80.63	88.13	81.88	92.50	93.13
1 SALVO	12.8 oz/a	A							
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	64.38	90.00	90.00	91.25	82.50	93.75	87.50
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 1 WAE									
3 VALOR	2 oz wt/a	A	71.81	87.43	87.47	95.17	80.80	95.07	91.67
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.	.	.	.	.	.	.
1 SALVO	12.8 oz/a	A							
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 2 WAE									
3 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC							

3 SALVO	12.8 oz/a	A
2 2 WAE		
1 ROUNDUP WEATHERMAX	22 oz/a	AC
1 SALVO	12.8 oz/a	A
3 4 WAE		
2 SYNCHRONY XP	1.5 oz wt/a	A
2 ROUNDUP WEATHERMAX	22 oz/a	AC
2 SALVO	12.8 oz/a	A
3 4 WAE		
3 VALOR	2 oz wt/a	A
3 ROUNDUP WEATHERMAX	22 oz/a	AC
3 SALVO	12.8 oz/a	A
3 4 WAE		

TABLE OF BC MEANS

1 30 DBP	40.00	84.17	84.17	87.92	80.42	92.50	88.75
1 1 WAE							
2 15 DBP	84.54	88.29	87.89	95.12	83.03	95.05	92.78
1 1 WAE							
1 30 DBP	.	.	.	.	.	.	.
2 2 WAE							
2 15 DBP	.	.	.	.	.	.	.
2 2 WAE							
1 30 DBP	.	.	.	.	.	.	.
3 4 WAE							
2 15 DBP	.	.	.	.	.	.	.
3 4 WAE							

TABLE OF ABC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	16.25	81.25	81.25	81.25	81.25	90.00	93.75
1 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	43.75	86.25	86.25	87.50	82.50	92.50	81.25
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
3 VALOR	2 oz wt/a	A	60.00	85.00	85.00	95.00	77.50	95.00	91.25
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	85.00	81.25	80.00	95.00	82.50	95.00	92.50
1 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	85.00	93.75	93.75	95.00	82.50	95.00	93.75
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
3 VALOR	2 oz wt/a	A	83.61	89.86	89.93	95.35	84.10	95.14	92.08
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.	.	.	.	.	.	.
1 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
3 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.	.	.	.	.	.	.
1 SALVO	12.8 oz/a	A							
2 15 DBP									
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
2 2 WAE									
3 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC							

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	71	82111.918712				
R	3	253.446501	84.482167	1.077	0.3673	5.91
A	2	615.903721	307.951861	3.925	0.0260	5.11
B	1	3967.095537	3967.095537	50.560	0.0001	4.18
AB	2	689.977615	344.988807	4.397	0.0173	7.23
C	2	62037.895502	31018.947751	395.329	0.0001	5.11
AC	4	1231.807443	307.951861	3.925	0.0075	8.86
BC	2	7934.191075	3967.095537	50.560	0.0001	7.23
ABC	4	1379.955229	344.988807	4.397	0.0039	12.53
ERROR	51	4001.646089	78.463649			

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	71	120469.736425				
R	3	68.222737	22.740912	1.212	0.3149	2.89
A	2	107.878955	53.939477	2.874	0.0656	2.50
B	1	33.954923	33.954923	1.809	0.1845	2.04
AB	2	19.298700	9.649350	0.514	0.6010	3.54
C	2	118961.107210	59480.553605	3169.781	0.0001	2.50
AC	4	215.757909	53.939477	2.874	0.0319	4.33
BC	2	67.909845	33.954923	1.809	0.1741	3.54
ABC	4	38.597400	9.649350	0.514	0.7255	6.13
ERROR	51	957.008746	18.764877			

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	71	119915.656111				
R	3	59.416795	19.805598	1.126	0.3472	2.80
A	2	125.426533	62.713266	3.566	0.0355	2.42
B	1	27.778782	27.778782	1.580	0.2145	1.98
AB	2	26.969739	13.484869	0.767	0.4698	3.42
C	2	118418.823081	59209.411540	3366.831	0.0001	2.42
AC	4	250.853065	62.713266	3.566	0.0122	4.19
BC	2	55.557564	27.778782	1.580	0.2160	3.42
ABC	4	53.939477	13.484869	0.767	0.5518	5.93
ERROR	51	896.891075	17.586100			

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	71	134939.097075				
R	3	10.419879	3.473293	0.754	0.5249	1.43
A	2	66.527341	33.263670	7.226	0.0017	1.24
B	1	103.653400	103.653400	22.516	0.0001	1.01
AB	2	59.968715	29.984357	6.513	0.0030	1.75
C	2	134003.451955	67001.725978	14554.621	0.0001	1.24
AC	4	133.054682	33.263670	7.226	0.0001	2.15
BC	2	207.306800	103.653400	22.516	0.0001	1.75
ABC	4	119.937430	29.984357	6.513	0.0003	3.03
ERROR	51	234.776873	4.603468			

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	71	107556.843496				
R	3	21.839629	7.279876	0.651	0.5862	2.23
A	2	3.950191	1.975095	0.177	0.8387	1.93
B	1	13.684223	13.684223	1.223	0.2739	1.58
AB	2	16.373024	8.186512	0.732	0.4861	2.73
C	2	106862.402219	53431.201109	4775.833	0.0001	1.93
AC	4	7.900381	1.975095	0.177	0.9495	3.34
BC	2	27.368446	13.684223	1.223	0.3028	2.73
ABC	4	32.746047	8.186512	0.732	0.5745	4.73
ERROR	51	570.579337	11.187830			

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	71	140808.651220				
R	3	1.556071	0.518690	1.117	0.3507	0.45
A	2	8.804858	4.402429	9.483	0.0003	0.39
B	1	12.967238	12.967238	27.933	0.0001	0.32
AB	2	7.878955	3.939477	8.486	0.0007	0.56

C	2	140694.466585	70347.233292	151537.343	0.0001	0.39
AC	4	17.609716	4.402429	9.483	0.0001	0.68
BC	2	25.934476	12.967238	27.933	0.0001	0.56
ABC	4	15.757909	3.939477	8.486	0.0001	0.96
ERROR	51	23.675412	0.464224			

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	71	133681.462754				
R	3	45.486114	15.162038	0.563	0.6418	3.46
A	2	45.447537	22.723768	0.844	0.4359	3.00
B	1	32.446042	32.446042	1.205	0.2775	2.45
AB	2	73.225298	36.612649	1.360	0.2659	4.24
C	2	131809.356117	65904.678058	2447.555	0.0001	3.00
AC	4	90.895074	22.723768	0.844	0.5039	5.19
BC	2	64.892085	32.446042	1.205	0.3081	4.24
ABC	4	146.450596	36.612649	1.360	0.2609	7.34
ERROR	51	1373.263893	26.926743			

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	Appl								
No. Name	Rate	Unit	Code	16	17	18	19	20	21	22

TABLE OF R MEANS

Replicate 1	76.67	59.17	91.67	92.50	92.50	85.00	95.00
Replicate 2	75.83	45.83	88.33	90.83	94.17	80.00	93.33
Replicate 3	75.83	49.17	86.67	86.67	92.50	86.67	95.00
Replicate 4	68.33	58.33	86.67	90.83	91.67	84.17	92.50

TABLE OF A MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	74.38	49.38	86.88	88.75	91.25	86.88	93.13
1 SALVO	12.8 oz/a	A							
2 SYNCHRONY XP	1.5 oz wt/a	A	75.00	56.88	88.75	91.25	92.50	81.25	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
3 VALOR	2 oz wt/a	A	73.13	53.13	89.38	90.63	94.38	83.75	93.75
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							

TABLE OF B MEANS

1 30 DBP	77.50	31.67	87.92	89.17	91.67	83.33	93.33
2 15 DBP	70.83	74.58	88.75	91.25	93.75	84.58	94.58

TABLE OF C MEANS

1 1 WAE	.	.	.	.	.	.	.
2 2 WAE	74.17	53.13	88.33	90.21	92.71	83.96	93.96
3 4 WAE	.	.	.	.	.	.	.

TABLE OF AB MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00	20.00	87.50	88.75	87.50	87.50	92.50
1 SALVO	12.8 oz/a	A							
1 30 DBP									
2 SYNCHRONY XP	1.5 oz wt/a	A	76.25	38.75	91.25	91.25	93.75	80.00	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
3 VALOR	2 oz wt/a	A	76.25	36.25	85.00	87.50	93.75	82.50	92.50
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	68.75	78.75	86.25	88.75	95.00	86.25	93.75
1 SALVO	12.8 oz/a	A							
2 15 DBP									
2 SYNCHRONY XP	1.5 oz wt/a	A	73.75	75.00	86.25	91.25	91.25	82.50	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
3 VALOR	2 oz wt/a	A	70.00	70.00	93.75	93.75	95.00	85.00	95.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
2 15 DBP									

TABLE OF AC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	.	.	.	.	.	.	.
1 SALVO	12.8 oz/a	A							
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	.	.	.	.	.	.	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 1 WAE									
3 VALOR	2 oz wt/a	A	.	.	.	.	.	.	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	74.38	49.38	86.88	88.75	91.25	86.88	93.13
1 SALVO	12.8 oz/a	A							
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	75.00	56.88	88.75	91.25	92.50	81.25	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 2 WAE									
3 VALOR	2 oz wt/a	A	73.13	53.13	89.38	90.63	94.38	83.75	93.75
3 ROUNDUP WEATHERMAX	22 oz/a	AC							

3 SALVO	12.8 oz/a	A
2 2 WAE		
1 ROUNDUP WEATHERMAX	22 oz/a	AC
1 SALVO	12.8 oz/a	A
3 4 WAE		
2 SYNCHRONY XP	1.5 oz wt/a	A
2 ROUNDUP WEATHERMAX	22 oz/a	AC
2 SALVO	12.8 oz/a	A
3 4 WAE		
3 VALOR	2 oz wt/a	A
3 ROUNDUP WEATHERMAX	22 oz/a	AC
3 SALVO	12.8 oz/a	A
3 4 WAE		

TABLE OF BC MEANS

1 30 DBP								
1 1 WAE								
2 15 DBP								
1 1 WAE								
1 30 DBP	77.50	31.67	87.92	89.17	91.67	83.33	93.33	
2 2 WAE								
2 15 DBP	70.83	74.58	88.75	91.25	93.75	84.58	94.58	
2 2 WAE								
1 30 DBP								
3 4 WAE								
2 15 DBP								
3 4 WAE								

TABLE OF ABC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC							
1 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A							
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
3 VALOR	2 oz wt/a	A							
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC							
1 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A							
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
3 VALOR	2 oz wt/a	A							
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
2 15 DBP									
1 1 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00	20.00	87.50	88.75	87.50	87.50	92.50
1 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	76.25	38.75	91.25	91.25	93.75	80.00	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
3 VALOR	2 oz wt/a	A	76.25	36.25	85.00	87.50	93.75	82.50	92.50
3 ROUNDUP WEATHERMAX	22 oz/a	AC							
3 SALVO	12.8 oz/a	A							
1 30 DBP									
2 2 WAE									
1 ROUNDUP WEATHERMAX	22 oz/a	AC	68.75	78.75	86.25	88.75	95.00	86.25	93.75
1 SALVO	12.8 oz/a	A							
2 15 DBP									
2 2 WAE									
2 SYNCHRONY XP	1.5 oz wt/a	A	73.75	75.00	86.25	91.25	91.25	82.50	95.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC							
2 SALVO	12.8 oz/a	A							
2 15 DBP									
2 2 WAE									
3 VALOR	2 oz wt/a	A	70.00	70.00	93.75	93.75	95.00	85.00	95.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC							

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	71	89344.444444					
R	3	91.666667	30.555556	1.764	0.1657	2.77	
A	2	4.861111	2.430556	0.140	0.8694	2.40	
B	1	88.888889	88.888889	5.132	0.0278	1.96	
AB	2	25.694444	12.847222	0.742	0.4813	3.40	
C	2	88011.111111	44005.555556	2540.698	0.0001	2.40	
AC	4	9.722222	2.430556	0.140	0.9664	4.16	
BC	2	177.777778	88.888889	5.132	0.0093	3.40	
ABC	4	51.388889	12.847222	0.742	0.5680	5.89	
ERROR	51	883.333333	17.320261				

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	71	62096.875000					
R	3	264.930556	88.310185	0.970	0.4140	6.36	
A	2	75.000000	37.500000	0.412	0.6645	5.51	
B	1	3683.680556	3683.680556	40.477	0.0001	4.50	
AB	2	252.777778	126.388889	1.389	0.2586	7.79	
C	2	45156.250000	22578.125000	248.094	0.0001	5.51	
AC	4	150.000000	37.500000	0.412	0.7991	9.54	
BC	2	7367.361111	3683.680556	40.477	0.0001	7.79	
ABC	4	505.555556	126.388889	1.389	0.2510	13.49	
ERROR	51	4641.319444	91.006264				

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	71	125777.777778					
R	3	33.333333	11.111111	0.850	0.4731	2.41	
A	2	9.027778	4.513889	0.345	0.7096	2.09	
B	1	1.388889	1.388889	0.106	0.7458	1.70	
AB	2	67.361111	33.680556	2.577	0.0859	2.95	
C	2	124844.444444	62422.222222	4775.300	0.0001	2.09	
AC	4	18.055556	4.513889	0.345	0.8461	3.62	
BC	2	2.777778	1.388889	0.106	0.8994	2.95	
ABC	4	134.722222	33.680556	2.577	0.0484	5.11	
ERROR	51	666.666667	13.071895				

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	71	130924.652778					
R	3	37.152778	12.384259	1.086	0.3634	2.25	
A	2	9.027778	4.513889	0.396	0.6752	1.95	
B	1	8.680556	8.680556	0.761	0.3870	1.59	
AB	2	17.361111	8.680556	0.761	0.4723	2.76	
C	2	130200.694444	65100.347222	5708.621	0.0001	1.95	
AC	4	18.055556	4.513889	0.396	0.8107	3.38	
BC	2	17.361111	8.680556	0.761	0.4723	2.76	
ABC	4	34.722222	8.680556	0.761	0.5554	4.78	
ERROR	51	581.597222	11.403867				

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	71	138016.319444					
R	3	6.597222	2.199074	0.345	0.7926	1.68	
A	2	13.194444	6.597222	1.036	0.3621	1.46	
B	1	8.680556	8.680556	1.364	0.2483	1.19	
AB	2	34.027778	17.013889	2.673	0.0787	2.06	
C	2	137517.361111	68758.680556	10801.364	0.0001	1.46	
AC	4	26.388889	6.597222	1.036	0.3976	2.52	
BC	2	17.361111	8.680556	1.364	0.2649	2.06	
ABC	4	68.055556	17.013889	2.673	0.0423	3.57	
ERROR	51	324.652778	6.365741				

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	71	113832.986111					
R	3	48.263889	16.087963	0.970	0.4139	2.71	
A	2	42.361111	21.180556	1.278	0.2875	2.35	
B	1	3.125000	3.125000	0.189	0.6660	1.92	
AB	2	6.250000	3.125000	0.189	0.8288	3.32	

C	2	112784.027778	56392.013889	3401.585	0.0001	2.35
AC	4	84.722222	21.180556	1.278	0.2910	4.07
BC	2	6.250000	3.125000	0.189	0.8288	3.32
ABC	4	12.500000	3.125000	0.189	0.9433	5.76
ERROR	51	845.486111	16.578159			

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	71	141449.652778				
R	3	9.375000	3.125000	1.000	0.4005	1.18
A	2	4.861111	2.430556	0.778	0.4648	1.02
B	1	3.125000	3.125000	1.000	0.3220	0.83
AB	2	2.083333	1.041667	0.333	0.7181	1.44
C	2	141250.694444	70625.347222	22600.114	0.0001	1.02
AC	4	9.722222	2.430556	0.778	0.5448	1.77
BC	2	6.250000	3.125000	1.000	0.3750	1.44
ABC	4	4.166667	1.041667	0.333	0.8543	2.50
ERROR	51	159.375000	3.125000			

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	71	110448.611111				
R	3	6.944444	2.314815	0.440	0.7251	1.53
A	2	29.861111	14.930556	2.841	0.0677	1.32
B	1	1.388889	1.388889	0.264	0.6094	1.08
AB	2	25.694444	12.847222	2.444	0.0969	1.87
C	2	110002.777778	55001.388889	10464.514	0.0001	1.32
AC	4	59.722222	14.930556	2.841	0.0334	2.29
BC	2	2.777778	1.388889	0.264	0.7688	1.87
ABC	4	51.388889	12.847222	2.444	0.0583	3.24
ERROR	51	268.055556	5.255991			

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	71	91274.652778				
R	3	137.152778	45.717593	1.735	0.1716	3.42
A	2	19.444444	9.722222	0.369	0.6933	2.96
B	1	3.125000	3.125000	0.119	0.7320	2.42
AB	2	75.000000	37.500000	1.423	0.2504	4.19
C	2	89500.694444	44750.347222	1697.993	0.0001	2.96
AC	4	38.888889	9.722222	0.369	0.8297	5.13
BC	2	6.250000	3.125000	0.119	0.8884	4.19
ABC	4	150.000000	37.500000	1.423	0.2398	7.26
ERROR	51	1344.097222	26.354847			

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	71	39507.986111				
R	3	770.486111	256.828704	1.638	0.1922	8.35
A	2	71.527778	35.763889	0.228	0.7969	7.23
B	1	1208.680556	1208.680556	7.707	0.0077	5.90
AB	2	521.527778	260.763889	1.663	0.1997	10.23
C	2	25334.027778	12667.013889	80.770	0.0001	7.23
AC	4	143.055556	35.763889	0.228	0.9214	12.52
BC	2	2417.361111	1208.680556	7.707	0.0012	10.23
ABC	4	1043.055556	260.763889	1.663	0.1731	17.71
ERROR	51	7998.263889	156.828704			

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	71	105865.277778				
R	3	123.611111	41.203704	1.646	0.1903	3.34
A	2	119.444444	59.722222	2.386	0.1022	2.89
B	1	112.500000	112.500000	4.495	0.0389	2.36
AB	2	100.000000	50.000000	1.998	0.1461	4.08
C	2	103469.444444	51734.722222	2067.137	0.0001	2.89
AC	4	238.888889	59.722222	2.386	0.0632	5.00
BC	2	225.000000	112.500000	4.495	0.0159	4.08
ABC	4	200.000000	50.000000	1.998	0.1088	7.07
ERROR	51	1276.388889	25.027233			

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	71	138150.000000				
R	3	30.555556	10.185185	0.615	0.6083	2.71
A	2	39.583333	19.791667	1.195	0.3109	2.35
B	1	34.722222	34.722222	2.097	0.1537	1.92
AB	2	50.694444	25.347222	1.531	0.2261	3.32
C	2	136900.000000	68450.000000	4134.020	0.0001	2.35
AC	4	79.166667	19.791667	1.195	0.3242	4.07
BC	2	69.444444	34.722222	2.097	0.1333	3.32
ABC	4	101.388889	25.347222	1.531	0.2072	5.75
ERROR	51	844.444444	16.557734			

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	71	97732.986111				
R	3	12.152778	4.050926	0.278	0.8413	2.55
A	2	252.777778	126.388889	8.663	0.0006	2.21
B	1	42.013889	42.013889	2.880	0.0958	1.80
AB	2	169.444444	84.722222	5.807	0.0053	3.12

C	2	95584.027778	47792.013889	3275.638	0.0001	2.21
AC	4	505.555556	126.388889	8.663	0.0001	3.82
BC	2	84.027778	42.013889	2.880	0.0653	3.12
ABC	4	338.888889	84.722222	5.807	0.0006	5.40
ERROR	51	744.097222	14.590142			

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	71	104891.319444				
R	3	126.041667	42.013889	1.238	0.3054	3.88
A	2	146.527778	73.263889	2.160	0.1258	3.36
B	1	153.125000	153.125000	4.514	0.0385	2.75
AB	2	89.583333	44.791667	1.320	0.2760	4.76
C	2	101867.361111	50933.680556	1501.332	0.0001	3.36
AC	4	293.055556	73.263889	2.160	0.0868	5.82
BC	2	306.250000	153.125000	4.514	0.0157	4.76
ABC	4	179.166667	44.791667	1.320	0.2750	8.24
ERROR	51	1730.208333	33.925654			

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	71	142721.875000				
R	3	9.375000	3.125000	1.000	0.4005	1.18
A	2	6.250000	3.125000	1.000	0.3750	1.02
B	1	3.125000	3.125000	1.000	0.3220	0.83
AB	2	6.250000	3.125000	1.000	0.3750	1.44
C	2	142506.250000	71253.125000	22801.002	0.0001	1.02
AC	4	12.500000	3.125000	1.000	0.4162	1.77
BC	2	6.250000	3.125000	1.000	0.3750	1.44
ABC	4	12.500000	3.125000	1.000	0.4162	2.50
ERROR	51	159.375000	3.125000			

LSU Northeast Research Station

Weed Code		DIGSA	
Crop Code		GLXMA	
Rating Data Type		CONTROL	
Rating Unit		%	
Rating Date		6/Jun/2007	
Trt-Eval Interval		4 WAE	
Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code	31

TABLE OF R MEANS

Replicate 1	80.00
Replicate 2	78.33
Replicate 3	80.00
Replicate 4	80.00

TABLE OF A MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	
1 SALVO	12.8 oz/a	A	80.00
2 SYNCHRONY XP	1.5 oz wt/a	A	78.75
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	

TABLE OF B MEANS

1 30 DBP	79.17
2 15 DBP	80.00

TABLE OF C MEANS

1 1 WAE	.
2 2 WAE	.
3 4 WAE	79.58

TABLE OF AB MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	
1 SALVO	12.8 oz/a	A	80.00
1 30 DBP			
2 SYNCHRONY XP	1.5 oz wt/a	A	77.50
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
1 30 DBP			
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
1 30 DBP			
1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00
1 SALVO	12.8 oz/a	A	
2 15 DBP			
2 SYNCHRONY XP	1.5 oz wt/a	A	80.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
2 15 DBP			
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
2 15 DBP			

TABLE OF AC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	
1 SALVO	12.8 oz/a	A	.
1 1 WAE			
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
1 1 WAE			
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
1 1 WAE			
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.
1 SALVO	12.8 oz/a	A	
2 2 WAE			
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
2 2 WAE			
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	

3 SALVO	12.8 oz/a	A	
2 2 WAE			
1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00
1 SALVO	12.8 oz/a	A	
3 4 WAE			
2 SYNCHRONY XP	1.5 oz wt/a	A	78.75
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
3 4 WAE			
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
3 4 WAE			

TABLE OF BC MEANS

1 30 DBP			.
1 1 WAE			.
2 15 DBP			.
1 1 WAE			.
1 30 DBP			.
2 2 WAE			.
2 15 DBP			.
2 2 WAE			.
1 30 DBP			79.17
3 4 WAE			.
2 15 DBP			80.00
3 4 WAE			.

TABLE OF ABC MEANS

1 ROUNDUP WEATHERMAX	22 oz/a	AC	.
1 SALVO	12.8 oz/a	A	.
1 30 DBP			.
1 1 WAE			.
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	.
2 SALVO	12.8 oz/a	A	.
1 30 DBP			.
1 1 WAE			.
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	.
3 SALVO	12.8 oz/a	A	.
1 30 DBP			.
1 1 WAE			.
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.
1 SALVO	12.8 oz/a	A	.
2 15 DBP			.
1 1 WAE			.
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	.
2 SALVO	12.8 oz/a	A	.
2 15 DBP			.
1 1 WAE			.
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	.
3 SALVO	12.8 oz/a	A	.
2 15 DBP			.
1 1 WAE			.
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.
1 SALVO	12.8 oz/a	A	.
1 30 DBP			.
2 2 WAE			.
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	.
2 SALVO	12.8 oz/a	A	.
1 30 DBP			.
2 2 WAE			.
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	.
3 SALVO	12.8 oz/a	A	.
1 30 DBP			.
2 2 WAE			.
1 ROUNDUP WEATHERMAX	22 oz/a	AC	.
1 SALVO	12.8 oz/a	A	.
2 15 DBP			.
2 2 WAE			.
2 SYNCHRONY XP	1.5 oz wt/a	A	.
2 ROUNDUP WEATHERMAX	22 oz/a	AC	.
2 SALVO	12.8 oz/a	A	.
2 15 DBP			.
2 2 WAE			.
3 VALOR	2 oz wt/a	A	.
3 ROUNDUP WEATHERMAX	22 oz/a	AC	.

3 SALVO	12.8 oz/a	A	
2 15 DBP			
2 2 WAE			
1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00
1 SALVO	12.8 oz/a	A	
1 30 DBP			
3 4 WAE			
2 SYNCHRONY XP	1.5 oz wt/a	A	77.50
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
1 30 DBP			
3 4 WAE			
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
1 30 DBP			
3 4 WAE			
1 ROUNDUP WEATHERMAX	22 oz/a	AC	80.00
1 SALVO	12.8 oz/a	A	
2 15 DBP			
3 4 WAE			
2 SYNCHRONY XP	1.5 oz wt/a	A	80.00
2 ROUNDUP WEATHERMAX	22 oz/a	AC	
2 SALVO	12.8 oz/a	A	
2 15 DBP			
3 4 WAE			
3 VALOR	2 oz wt/a	A	80.00
3 ROUNDUP WEATHERMAX	22 oz/a	AC	
3 SALVO	12.8 oz/a	A	
2 15 DBP			
3 4 WAE			

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	71	101431.944444				
R	3	4.166667	1.388889	1.000	0.4005	0.79
A	2	2.777778	1.388889	1.000	0.3750	0.68
B	1	1.388889	1.388889	1.000	0.3220	0.56
AB	2	2.777778	1.388889	1.000	0.3750	0.96
C	2	101336.111111	50668.055556	36481.004	0.0001	0.68
AC	4	5.555556	1.388889	1.000	0.4162	1.18
BC	2	2.777778	1.388889	1.000	0.3750	0.96
ABC	4	5.555556	1.388889	1.000	0.4162	1.67
ERROR	51	70.833333	1.388889			