

University of Nebraska

Weed control in No till soybeans I

Trial ID: L0735
Location: Havelock

Study Dir.: Kevin Horky
Investigator: Dr. Mark Bernards

GENERAL TRIAL INFORMATION

Study Director: Kevin Horky **Title:** Research Technician
Affiliation: University of Nebraska Lincoln
Postal Code: 68583
Investigator: Dr. Mark Bernards **Title:** Ext. Weed Specialist
Affiliation: University of Nebraska
Postal Code: 68583

TRIAL LOCATION

City: Lincoln
State/Prov.: NE
Postal Code: 68583

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	LAMAM	Henbit	Lamium amplexicaule
2.	DESSS	Tansymustard	Descurainia sp.
3.	CAPSS	Shepherdspurse	Capsella sp.
4.	ALOCA	Foxtail, Carolina	Alopecurus carolinianus
5.	ERICA	Horseweed, Canada	Erigeron canadensis
6.	HELAN	Common sunflower	Helianthus annuus
7.	AMAPA	Amaranth, Palmer	Amaranthus palmeri
8.	ABUTH	Velvetleaf	Abutilon theophrasti
9.	SETVI	Green foxtail	Setaria viridis

Crop 1: GLXMA SOYBEAN **Variety:** Asgrow 2703
Planting Date: 18/May/2007 **Planting Method:** planted
Rate: 180000 seeds/acre **Depth:** 1.25 in
Row Spacing: 30 in **Seed Bed:** MEDIUM/TRASHY
Soil Temperature: 12 C **Soil Moisture:** good **Emergence Date:** 24/May/2007

SITE AND DESIGN

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: field
Tillage Type: no-till **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% Sand: 6 **% OM:** 3.0 **Texture:** Silty clay loam
% Silt: 65 **pH:** 6.6 **Soil Name:** Sharpesburg
% Clay: 29 **CEC:** 31 **Fert. Level:** good

APPLICATION DESCRIPTION

	A	B	C
Application Date:	11/May/2007	17/May/2007	28/Jun/2007
Time of Day:	9:30 am	6:00 pm	10:00 am
Application Method:	Spray	Spray	Spray
Application Timing:	pp	pre	mpost
Applic. Placement:	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	70 F	70 F	73 F
% Relative Humidity:	40	34	44
Wind Velocity, Unit:	5 mph	10 mph	9 mph
Dew Presence (Y/N):	y	n	n
Soil Temp., Unit:	15 C	15 C	17 C
Soil Moisture:	good	good	good
% Cloud Cover:	0	0	60

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CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	GLXMA	GLXMA	GLXMA
Stage Scale:	pre	pre	V6
Height, Unit:			15 in

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	LAMAM seed fill	LAMAM	LAMAM
Stage Scale:	8 in		
Density, Unit:	50 m2		
Weed 2 Code, Stage:	DESSS	DESSS	DESSS
Stage Scale:	15 in		
Density, Unit:	5 m2		
Weed 3 Code, Stage:	CAPSS	CAPSS	CAPSS
Stage Scale:	16 in		
Density, Unit:	4 m2		
Weed 4 Code, Stage:	ALOCA	ALOCA	ALOCA
Stage Scale:	9 in		
Density, Unit:	15 m2		
Weed 5 Code, Stage:	ERICA	ERICA	ERICA
Stage Scale:	10 in		
Density, Unit:	3 m2		
Weed 6 Code, Stage:	HELAN	HELAN	HELAN
Stage Scale:	4 in	pre	14 in
Density, Unit:	2 m2		2 m2
Weed 7 Code, Stage:	AMAPA	AMAPA	AMAPA
Stage Scale:	pre	pre	10 in
Density, Unit:			4 m2
Weed 8 Code, Stage:	ABUTH	ABUTH	ABUTH
Stage Scale:	pre	pre	10 in
Density, Unit:			2 m2
Weed 9 Code, Stage:	SETVI	SETVI	SETVI
Stage Scale:	pre	pre	8 in
Density, Unit:			10 m2

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	IH cub	IH cub	IH cub
Operating Pressure:	30	30	30
Nozzle Type:	Turbo Tee	Turbo Tee	Turbo Tee
Nozzle Size:	110015	110015	110015
Nozzle Spacing, Unit:	15 in	15 in	15 in
Nozzles/Row:	2	2	2
Boom Length, Unit:	10 ft	10 ft	10 ft
Boom Height, Unit:	30 in	30 in	32 in
Ground Speed, Unit:	3 mph	3 mph	3 mph
Carrier:	water	water	water
Spray Volume, Unit:	15 gpa	15 gpa	15 gpa
Propellant:	air	air	air

Trial Comments

Protocols from DOW, Dupont - USA-07-125, and FMC

Data requested

Weed control - Prior to post, 14,28 DAT

Crop injury - 14,28, 56 DAP

Yield

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Weed control in No till soybeans I

Trial ID: L0735

Study Dir.: Kevin Horky

Location: Havelock

Investigator: Dr. Mark Bernards

					GLXMA PHYGEN %	GLXMA PHYGEN %	LAMAM GLXMA CONTROL %	DESSS GLXMA CONTROL %	CAPSS GLXMA CONTROL %	
					31/May/2007	14/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	1	2	3	4	5
1	Check				101 207 306	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
Mean =						0	0	0	0	0
2	Durango	24 oz/a	pp		102	0	0	99	99	99
	AMS	2.5 lb/a	pp		210	0	0	99	99	99
	2,4-D ester	1 pt/a	pp		301	0	0	99	99	99
	Sonic	3 oz/a	pre							
	Durango	24 oz/a	mpost							
	AMS	2.5 lb/a	mpost							
Mean =						0	0	99	99	99
3	Durango	24 oz/a	pp		103	0	0	99	99	99
	AMS	2.5 lb/a	pp		201	0	0	99	99	99
	2,4-D ester	1 pt/a	pp		310	0	0	99	99	99
	FirstRate	0.3 oz/a	pre							
	Durango	24 oz/a	mpost							
	AMS	2.5 lb/a	mpost							
Mean =						0	0	99	99	99
4	Durango	24 oz/a	pp		104	0	0	99	99	99
	AMS	2.5 lb/a	pp		203	0	0	99	99	99
	2,4-D ester	1 pt/a	pp		312	0	0	99	99	99
	GF-1280	24 oz/a	mpost							
	AMS	2.5 lb/a	mpost							
Mean =						0	0	99	99	99
5	Durango	24 oz/a	pp		105	0	0	99	99	99
	AMS	2.5 lb/a	pp		209	0	0	99	99	99
	2,4-D ester	1 pt/a	pp		311	0	0	99	99	99
	Durango	24 oz/a	mpost							
	FirstRate	0.3 oz/a	mpost							
	AMS	2.5 lb/a	mpost							
Mean =						0	0	99	99	99
6	2,4-D ester	8 oz ai/a	pp		106	0	0	99	99	99
	NIS	0.25 % v/v	pp		204	0	0	99	99	99
	Roundup Original Max	15.13 oz ai/a	pp		305	0	0	99	99	99
	Classic	0.23 oz ai/a	pp							
	Harmony GT	0.0738 oz ai/a	pp							
	Valor	0.72 oz ai/a	pp							
	Roundup Original Max	15.13 oz ai/a	mpost							
	AMS	32 oz ai/a	mpost							
Mean =						0	0	99	99	99

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Weed Code					GLXMA	GLXMA	LAMAM	DESSS	CAPSS	
Crop Code					PHYGEN	PHYGEN	GLXMA	GLXMA	GLXMA	
Rating Data Type					%	%	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					31/May/2007	14/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	1	2	3	4	5
7	2,4-D ester	8	oz ai/a	pp	107	0	0	99	99	99
	NIS	0.25	% v/v	pp	208	0	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	302	0	0	99	99	99
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						0	0	99	99	99
8	2,4-D ester	8	oz ai/a	pp	108	0	0	99	99	99
	NIS	0.25	% v/v	pp	215	0	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	304	0	0	99	99	99
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						0	0	99	99	99
9	2,4-D ester	8	oz ai/a	pp	109	0	0	99	99	99
	NIS	0.25	% v/v	pp	214	0	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	313	0	0	99	99	99
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						0	0	99	99	99
10	2,4-D ester	8	oz ai/a	pp	110	0	0	99	99	99
	NIS	0.25	% v/v	pp	202	0	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	315	0	0	99	99	99
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						0	0	99	99	99
11	Roundup Weathermax	22	oz/a	pp	111	0	0	99	99	99
	AMS	2.5	lb/a	pp	212	0	0	99	99	99
	Authority First	3.2	oz/a	pp	314	0	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						0	0	99	99	99
12	Roundup Weathermax	22	oz/a	pp	112	0	0	99	99	99
	AMS	2.5	lb/a	pp	206	0	0	99	99	99
	Authority MTZ	10	oz/a	pp	307	0	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						0	0	99	99	99
13	Roundup Weathermax	22	oz/a	pp	113	0	0	99	99	99
	AMS	2.5	lb/a	pp	205	0	0	99	99	99
	F7119	4.8	oz/a	pp	309	0	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						0	0	99	99	99

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Weed Code					GLXMA	GLXMA	LAMAM	DESSS	CAPSS	
Crop Code					PHYGEN	PHYGEN	GLXMA	GLXMA	GLXMA	
Rating Data Type					%	%	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					31/May/2007	14/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	1	2	3	4	5
14	Roundup Weathermax	22	oz/a	mpost	114	0	0	0	0	0
	AMS	2.5	lb/a	mpost	213	0	0	0	0	0
					303	0	0	0	0	0
				Mean =		0	0	0	0	0
15	2,4-D ester	8	oz ai/a	pp	115	0	0	99	99	99
	NIS	0.25	% v/v	pp	211	0	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	308	0	0	99	99	99
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
				Mean =		0	0	99	99	99

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Weed Code					ALOCA	ERICA	HELAN	ERICA	ABUTH	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					1/Jun/2007	1/Jun/2007	27/Jun/2007	27/Jun/2007	27/Jun/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	6	7	8	9	10
1	Check				101	0	0	0	0	0
					207	0	0	0	0	0
					306	0	0	0	0	0
					Mean =	0	0	0	0	0
2	Durango	24	oz/a	pp	102	99	99	99	99	99
	AMS	2.5	lb/a	pp	210	99	99	99	99	99
	2,4-D ester	1	pt/a	pp	301	99	99	99	99	90
	Sonic	3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	99	99	99	96
3	Durango	24	oz/a	pp	103	99	99	99	99	99
	AMS	2.5	lb/a	pp	201	99	99	99	99	90
	2,4-D ester	1	pt/a	pp	310	99	99	99	99	85
	FirstRate	0.3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	99	99	99	91
4	Durango	24	oz/a	pp	104	99	99	99	99	0
	AMS	2.5	lb/a	pp	203	99	99	90	99	0
	2,4-D ester	1	pt/a	pp	312	99	99	99	99	80
	GF-1280	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	99	96	99	27
5	Durango	24	oz/a	pp	105	99	99	99	99	0
	AMS	2.5	lb/a	pp	209	99	99	99	99	0
	2,4-D ester	1	pt/a	pp	311	99	99	95	99	85
	Durango	24	oz/a	mpost						
	FirstRate	0.3	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	99	98	99	28
6	2,4-D ester	8	oz ai/a	pp	106	99	99	99	99	99
	NIS	0.25	% v/v	pp	204	99	99	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	305	99	99	99	99	99
	Classic	0.23	oz ai/a	pp						
	Harmony GT	0.0738	oz ai/a	pp						
	Valor	0.72	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	99	99	99	99
7	2,4-D ester	8	oz ai/a	pp	107	99	99	99	99	99
	NIS	0.25	% v/v	pp	208	99	99	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	302	99	99	99	99	99
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	99	99	99	99

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Weed Code					ALOCA	ERICA	HELAN	ERICA	ABUTH	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					1/Jun/2007	1/Jun/2007	27/Jun/2007	27/Jun/2007	27/Jun/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	6	7	8	9	10
8	2,4-D ester	8	oz ai/a	pp	108	99	99	99	95	99
	NIS	0.25	% v/v	pp	215	99	99	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	304	99	99	99	99	99
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	99	99	98	99
9	2,4-D ester	8	oz ai/a	pp	109	99	99	99	99	95
	NIS	0.25	% v/v	pp	214	99	99	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	313	99	99	99	99	95
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	99	99	99	96
10	2,4-D ester	8	oz ai/a	pp	110	99	99	99	99	99
	NIS	0.25	% v/v	pp	202	99	99	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	315	99	99	99	99	99
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	99	99	99	99
11	Roundup Weathermax	22	oz/a	pp	111	99	99	99	99	99
	AMS	2.5	lb/a	pp	212	99	99	99	99	99
	Authority First	3.2	oz/a	pp	314	99	99	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	99	99	99	99
12	Roundup Weathermax	22	oz/a	pp	112	99	99	99	99	90
	AMS	2.5	lb/a	pp	206	99	99	80	99	90
	Authority MTZ	10	oz/a	pp	307	99	99	99	99	95
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	99	93	99	92
13	Roundup Weathermax	22	oz/a	pp	113	99	99	95	99	99
	AMS	2.5	lb/a	pp	205	99	99	99	99	99
	F7119	4.8	oz/a	pp	309	99	99	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	99	98	99	99
14	Roundup Weathermax	22	oz/a	mpost	114	0	0	0	0	0
	AMS	2.5	lb/a	mpost	213	0	0	0	0	0
					303	0	0	0	0	0
Mean =						0	0	0	0	0

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Weed Code						ALOCA	ERICA	HELAN	ERICA	ABUTH
Crop Code						GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%	%
Rating Date						1/Jun/2007	1/Jun/2007	27/Jun/2007	27/Jun/2007	27/Jun/2007
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	6	7	8	9	10
15	2,4-D ester	8	oz ai/a	pp	115	99	99	99	99	95
	NIS	0.25	% v/v	pp	211	99	99	99	99	95
	Roundup Original Max	15.13	oz ai/a	pp	308	99	99	99	99	90
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	99	99	99	93

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Weed Code					AMAPA	SETVI	HELAN	AMAPA	ABUTH	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					27/Jun/2007	27/Jun/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	11	12	13	14	15
1	Check				101	0	0	0	0	0
					207	0	0	0	0	0
					306	0	0	0	0	0
					Mean =	0	0	0	0	0
2	Durango	24	oz/a	pp	102	99	80	99	99	99
	AMS	2.5	lb/a	pp	210	99	50	99	99	99
	2,4-D ester	1	pt/a	pp	301	99	90	99	99	99
	Sonic	3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	73	99	99	99
3	Durango	24	oz/a	pp	103	90	75	99	99	99
	AMS	2.5	lb/a	pp	201	90	80	99	99	99
	2,4-D ester	1	pt/a	pp	310	90	60	99	99	99
	FirstRate	0.3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	90	72	99	99	99
4	Durango	24	oz/a	pp	104	0	0	99	99	99
	AMS	2.5	lb/a	pp	203	0	0	99	99	99
	2,4-D ester	1	pt/a	pp	312	95	60	99	99	99
	GF-1280	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	32	20	99	99	99
5	Durango	24	oz/a	pp	105	0	0	99	99	99
	AMS	2.5	lb/a	pp	209	0	30	99	99	99
	2,4-D ester	1	pt/a	pp	311	90	50	99	99	99
	Durango	24	oz/a	mpost						
	FirstRate	0.3	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	30	27	99	99	99
6	2,4-D ester	8	oz ai/a	pp	106	99	80	99	99	99
	NIS	0.25	% v/v	pp	204	99	95	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	305	99	90	99	99	99
	Classic	0.23	oz ai/a	pp						
	Harmony GT	0.0738	oz ai/a	pp						
	Valor	0.72	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	88	99	99	99
7	2,4-D ester	8	oz ai/a	pp	107	99	85	99	99	99
	NIS	0.25	% v/v	pp	208	99	90	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	302	99	95	99	99	99
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	90	99	99	99

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Weed Code					AMAPA	SETVI	HELAN	AMAPA	ABUTH	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					27/Jun/2007	27/Jun/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	11	12	13	14	15
8	2,4-D ester	8	oz ai/a	pp	108	99	80	99	99	99
	NIS	0.25	% v/v	pp	215	99	85	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	304	99	95	99	99	99
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	87	99	99	99
9	2,4-D ester	8	oz ai/a	pp	109	99	85	99	99	99
	NIS	0.25	% v/v	pp	214	99	80	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	313	95	50	99	99	99
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						98	72	99	99	99
10	2,4-D ester	8	oz ai/a	pp	110	99	50	99	99	99
	NIS	0.25	% v/v	pp	202	99	85	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	315	99	50	99	99	99
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	62	99	99	99
11	Roundup Weathermax	22	oz/a	pp	111	99	60	99	99	99
	AMS	2.5	lb/a	pp	212	99	80	99	99	99
	Authority First	3.2	oz/a	pp	314	99	75	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	72	99	99	99
12	Roundup Weathermax	22	oz/a	pp	112	95	70	99	99	99
	AMS	2.5	lb/a	pp	206	99	90	99	99	99
	Authority MTZ	10	oz/a	pp	307	99	85	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						98	82	99	99	99
13	Roundup Weathermax	22	oz/a	pp	113	99	85	99	99	99
	AMS	2.5	lb/a	pp	205	99	95	99	99	99
	F7119	4.8	oz/a	pp	309	99	90	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	90	99	99	99
14	Roundup Weathermax	22	oz/a	mpost	114	0	0	99	99	99
	AMS	2.5	lb/a	mpost	213	0	0	99	99	99
					303	0	0	99	99	99
Mean =						0	0	99	99	99

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Weed Code						AMAPA	SETVI	HELAN	AMAPA	ABUTH
Crop Code						GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%	%
Rating Date						27/Jun/2007	27/Jun/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007
ARM Action Codes										
# Subsamples, Dec.										
Trt	Treatment	Rate	Unit	Grow						
No.	Name			Stg	Plot	11	12	13	14	15
15	2,4-D ester	8	oz ai/a	pp	115	99	65	99	99	99
	NIS	0.25	% v/v	pp	211	99	85	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	308	99	75	99	99	99
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	75	99	99	99

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					SETVI GLXMA CONTROL %	GLXMA PHYGEN %	HELAN GLXMA CONTROL %	AMAPA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	
					12/Jul/2007	12/Jul/2007	26/Jul/2007	26/Jul/2007	26/Jul/2007	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	16	17	18	19	20
1	Check				101	0	0	0	0	0
					207	0	0	0	0	0
					306	0	0	0	0	0
					Mean =	0	0	0	0	0
2	Durango	24	oz/a	pp	102	99	0	99	99	99
	AMS	2.5	lb/a	pp	210	99	0	99	99	99
	2,4-D ester	1	pt/a	pp	301	99	0	99	99	99
	Sonic	3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	0	99	99	99
3	Durango	24	oz/a	pp	103	99	0	99	99	99
	AMS	2.5	lb/a	pp	201	99	0	99	99	99
	2,4-D ester	1	pt/a	pp	310	99	0	99	99	99
	FirstRate	0.3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	0	99	99	99
4	Durango	24	oz/a	pp	104	99	0	99	99	99
	AMS	2.5	lb/a	pp	203	99	0	99	99	99
	2,4-D ester	1	pt/a	pp	312	99	0	99	99	99
	GF-1280	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	0	99	99	99
5	Durango	24	oz/a	pp	105	99	0	99	99	99
	AMS	2.5	lb/a	pp	209	99	0	99	99	99
	2,4-D ester	1	pt/a	pp	311	99	0	99	99	99
	Durango	24	oz/a	mpost						
	FirstRate	0.3	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
					Mean =	99	0	99	99	99
6	2,4-D ester	8	oz ai/a	pp	106	99	0	99	99	99
	NIS	0.25	% v/v	pp	204	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	305	99	0	99	99	99
	Classic	0.23	oz ai/a	pp						
	Harmony GT	0.0738	oz ai/a	pp						
	Valor	0.72	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	0	99	99	99
7	2,4-D ester	8	oz ai/a	pp	107	99	0	99	99	99
	NIS	0.25	% v/v	pp	208	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	302	99	0	99	99	99
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	0	99	99	99

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Weed Code					SETVI		HELAN	AMAPA	ABUTH	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	PHYGEN	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	
Rating Date					12/Jul/2007	12/Jul/2007	26/Jul/2007	26/Jul/2007	26/Jul/2007	
ARM Action Codes										
# Subsamples, Dec.										
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	16	17	18	19	20
8	2,4-D ester	8	oz ai/a	pp	108	99	0	99	99	99
	NIS	0.25	% v/v	pp	215	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	304	99	0	99	99	99
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	0	99	99	99
9	2,4-D ester	8	oz ai/a	pp	109	99	0	99	99	99
	NIS	0.25	% v/v	pp	214	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	313	99	0	99	99	99
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	0	99	99	99
10	2,4-D ester	8	oz ai/a	pp	110	99	0	99	99	99
	NIS	0.25	% v/v	pp	202	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	315	99	0	99	99	99
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
Mean =						99	0	99	99	99
11	Roundup Weathermax	22	oz/a	pp	111	99	0	99	99	99
	AMS	2.5	lb/a	pp	212	99	0	99	99	99
	Authority First	3.2	oz/a	pp	314	99	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	0	99	99	99
12	Roundup Weathermax	22	oz/a	pp	112	99	0	99	99	99
	AMS	2.5	lb/a	pp	206	99	0	99	99	99
	Authority MTZ	10	oz/a	pp	307	99	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	0	99	99	99
13	Roundup Weathermax	22	oz/a	pp	113	99	0	99	99	99
	AMS	2.5	lb/a	pp	205	99	0	99	99	99
	F7119	4.8	oz/a	pp	309	99	0	99	99	99
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
Mean =						99	0	99	99	99
14	Roundup Weathermax	22	oz/a	mpost	114	99	0	99	99	99
	AMS	2.5	lb/a	mpost	213	99	0	99	99	99
					303	99	0	99	99	99
Mean =						99	0	99	99	99

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Weed Code						SETVI		HELAN	AMAPA	ABUTH
Crop Code						GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Rating Data Type						CONTROL	PHYGEN	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%	%
Rating Date						12/Jul/2007	12/Jul/2007	26/Jul/2007	26/Jul/2007	26/Jul/2007
ARM Action Codes										
# Subsamples, Dec.										
Trt	Treatment	Rate	Unit	Grow						
No.	Name			Stg	Plot	16	17	18	19	20
15	2,4-D ester	8	oz ai/a	pp	115	99	0	99	99	99
	NIS	0.25	% v/v	pp	211	99	0	99	99	99
	Roundup Original Max	15.13	oz ai/a	pp	308	99	0	99	99	99
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
					Mean =	99	0	99	99	99

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Weed Code					SETVI				
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	
Rating Data Type					CONTROL	YIELD	MOICON	YIELD	
Rating Unit					%	LB	%	bu/ac	
Rating Date					26/Jul/2007	30/Oct/2007	30/Oct/2007	30/Oct/2007	
ARM Action Codes								TY1	
# Subsamples, Dec.								1	
Trt	Treatment	Rate	Grow						
No.	Name	Rate	Unit	Stg	Plot	21	22	23	24
1	Check				101	0	5	12	11.0
					207	0	9	12	23.0
					306	0	2	13	4.8
					Mean =	0	5	12	12.9
2	Durango	24 oz/a	pp		102	99	19	12	47.2
	AMS	2.5 lb/a	pp		210	99	16	12	39.6
	2,4-D ester	1 pt/a	pp		301	99	17	13	41.7
	Sonic	3 oz/a	pre						
	Durango	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
					Mean =	99	18	13	42.8
3	Durango	24 oz/a	pp		103	99	19	12	45.3
	AMS	2.5 lb/a	pp		201	99	17	13	41.6
	2,4-D ester	1 pt/a	pp		310	99	14	12	32.9
	FirstRate	0.3 oz/a	pre						
	Durango	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
					Mean =	99	16	12	39.9
4	Durango	24 oz/a	pp		104	99	19	12	46.7
	AMS	2.5 lb/a	pp		203	99	11	12	26.2
	2,4-D ester	1 pt/a	pp		312	99	13	13	32.1
	GF-1280	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
					Mean =	99	14	12	35.0
5	Durango	24 oz/a	pp		105	99	17	12	40.5
	AMS	2.5 lb/a	pp		209	99	2	13	4.6
	2,4-D ester	1 pt/a	pp		311	99	12	12	29.5
	Durango	24 oz/a	mpost						
	FirstRate	0.3 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
					Mean =	99	10	12	24.9
6	2,4-D ester	8 oz ai/a	pp		106	99	16	12	39.9
	NIS	0.25 % v/v	pp		204	99	13	13	31.2
	Roundup Original Max	15.13 oz ai/a	pp		305	99	14	12	34.7
	Classic	0.23 oz ai/a	pp						
	Harmony GT	0.0738 oz ai/a	pp						
	Valor	0.72 oz ai/a	pp						
	Roundup Original Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						
					Mean =	99	14	12	35.3
7	2,4-D ester	8 oz ai/a	pp		107	99	17	12	40.8
	NIS	0.25 % v/v	pp		208	99	16	13	39.7
	Roundup Original Max	15.13 oz ai/a	pp		302	99	15	13	36.6
	Classic	0.32 oz ai/a	pp						
	Harmony GT	0.104 oz ai/a	pp						
	Valor	1 oz ai/a	pp						
	Roundup Original Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						
					Mean =	99	16	13	39.0

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					SETVI GLXMA CONTROL %	GLXMA YIELD LB	GLXMA MOICON %	GLXMA YIELD bu/ac	
					26/Jul/2007	30/Oct/2007	30/Oct/2007	30/Oct/2007 TY1 1	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	Plot	21	22	23	24
8	2,4-D ester	8	oz ai/a	pp	108	99	17	13	40.0
	NIS	0.25	% v/v	pp	215	99	14	12	34.6
	Roundup Original Max	15.13	oz ai/a	pp	304	99	13	12	32.6
	Classic	0.42	oz ai/a	pp					
	Harmony GT	0.133	oz ai/a	pp					
	Valor	1.15	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
					Mean =	99	15	12	35.7
9	2,4-D ester	8	oz ai/a	pp	109	99	13	12	32.0
	NIS	0.25	% v/v	pp	214	99	14	12	32.9
	Roundup Original Max	15.13	oz ai/a	pp	313	99	10	12	23.2
	Canopy	1.69	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
					Mean =	99	12	12	29.4
10	2,4-D ester	8	oz ai/a	pp	110	99	13	12	31.1
	NIS	0.25	% v/v	pp	202	99	13	12	30.5
	Roundup Original Max	15.13	oz ai/a	pp	315	99	12	12	28.6
	Canopy	2.25	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
					Mean =	99	12	12	30.1
11	Roundup Weathermax	22	oz/a	pp	111	99	17	12	40.8
	AMS	2.5	lb/a	pp	212	99	13	13	31.1
	Authority First	3.2	oz/a	pp	314	99	14	13	34.3
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
					Mean =	99	15	12	35.4
12	Roundup Weathermax	22	oz/a	pp	112	99	13	12	30.7
	AMS	2.5	lb/a	pp	206	99	9	12	22.1
	Authority MTZ	10	oz/a	pp	307	99	12	12	30.0
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
					Mean =	99	11	12	27.6
13	Roundup Weathermax	22	oz/a	pp	113	99	15	13	35.2
	AMS	2.5	lb/a	pp	205	99	15	12	37.8
	F7119	4.8	oz/a	pp	309	99	9	12	20.8
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
					Mean =	99	13	12	31.3
14	Roundup Weathermax	22	oz/a	mpost	114	99	11	12	26.2
	AMS	2.5	lb/a	mpost	213	99	9	13	22.4
					303	99	6	12	15.4
					Mean =	99	9	12	21.3

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Weed Code						SETVI			
Crop Code						GLXMA	GLXMA	GLXMA	GLXMA
Rating Data Type						CONTROL	YIELD	MOICON	YIELD
Rating Unit						%	LB	%	bu/ac
Rating Date						26/Jul/2007	30/Oct/2007	30/Oct/2007	30/Oct/2007
ARM Action Codes									TY1
# Subsamples, Dec.									1
Trt	Treatment	Rate	Unit	Grow	Plot	21	22	23	24
15	2,4-D ester	8	oz ai/a	pp	115	99	15	12	36.9
	NIS	0.25	% v/v	pp	211	99	15	12	36.8
	Roundup Original Max	15.13	oz ai/a	pp	308	99	12	13	29.8
	Canopy	3	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
					Mean =	99	14	13	34.5

Column 24: TY1 = $2.42 * [22] * (100 - [23]) / 87$

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Weed control in No till soybeans I

Trial ID: L0735

Study Dir.: Kevin Horky

Location: Havelock

Investigator: Dr. Mark Bernards

				GLXMA PHYGEN %	GLXMA PHYGEN %	LAMAM GLXMA CONTROL %	DESSS GLXMA CONTROL %	CAPSS GLXMA CONTROL %	ALOCA GLXMA CONTROL %	
				31/May/2007	14/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	1	2	3	4	5	6
1	Check				0 a	0 a	0 b	0 b	0 b	0 b
2	Durango	24	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	Sonic	3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
3	Durango	24	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	FirstRate	0.3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
4	Durango	24	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	GF-1280	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
5	Durango	24	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	Durango	24	oz/a	mpost						
	FirstRate	0.3	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
6	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.23	oz ai/a	pp						
	Harmony GT	0.0738	oz ai/a	pp						
	Valor	0.72	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
7	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
8	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					GLXMA PHYGEN %	GLXMA PHYGEN %	LAMAM GLXMA CONTROL %	DESSS GLXMA CONTROL %	CAPSS GLXMA CONTROL %	ALOCA GLXMA CONTROL %
					31/May/2007	14/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007	1/Jun/2007
Trt No.	Treatment Name	Rate	Unit	Grow Stg	1	2	3	4	5	6
9	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
10	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
11	Roundup Weathermax	22	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	Authority First	3.2	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
12	Roundup Weathermax	22	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	Authority MTZ	10	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
13	Roundup Weathermax	22	oz/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp						
	F7119	4.8	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
14	Roundup Weathermax	22	oz/a	mpost	0 a	0 a	0 b	0 b	0 b	0 b
	AMS	2.5	lb/a	mpost						
15	2,4-D ester	8	oz ai/a	pp	0 a	0 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
LSD (P=.05)					0.0	0.0	0.0	0.0	0.0	0.0
Standard Deviation					0.0	0.0	0.0	0.0	0.0	0.0
CV					0.0	0.0	0.0	0.0	0.0	0.0
Grand Mean					0.0	0.0	85.8	85.8	85.8	85.8
Bartlett's X2					0.0	0.0	0.0	0.0	0.0	0.0
P(Bartlett's X2)					.	.	.	.	.	.
Replicate F					0.000	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)					1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F					0.000	0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)					1.0000	1.0000	1.0000	1.0000	1.0000	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.

University of Nebraska

Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.				ERICA GLXMA CONTROL % 1/Jun/2007	HELAN GLXMA CONTROL % 27/Jun/2007	ERICA GLXMA CONTROL % 27/Jun/2007	ABUTH GLXMA CONTROL % 27/Jun/2007	AMAPA GLXMA CONTROL % 27/Jun/2007	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	7	8	9	10	11
1	Check				0 b	0 b	0 b	0 b	0 b
2	Durango	24	oz/a	pp	99 a	99 a	99 a	96 a	99 a
	AMS	2.5	lb/a	pp					
	2,4-D ester	1	pt/a	pp					
	Sonic	3	oz/a	pre					
	Durango	24	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
3	Durango	24	oz/a	pp	99 a	99 a	99 a	91 a	90 a
	AMS	2.5	lb/a	pp					
	2,4-D ester	1	pt/a	pp					
	FirstRate	0.3	oz/a	pre					
	Durango	24	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
4	Durango	24	oz/a	pp	99 a	96 a	99 a	27 b	32 b
	AMS	2.5	lb/a	pp					
	2,4-D ester	1	pt/a	pp					
	GF-1280	24	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
5	Durango	24	oz/a	pp	99 a	98 a	99 a	28 b	30 b
	AMS	2.5	lb/a	pp					
	2,4-D ester	1	pt/a	pp					
	Durango	24	oz/a	mpost					
	FirstRate	0.3	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
6	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Classic	0.23	oz ai/a	pp					
	Harmony GT	0.0738	oz ai/a	pp					
	Valor	0.72	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
7	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Classic	0.32	oz ai/a	pp					
	Harmony GT	0.104	oz ai/a	pp					
	Valor	1	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
8	2,4-D ester	8	oz ai/a	pp	99 a	99 a	98 a	99 a	99 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Classic	0.42	oz ai/a	pp					
	Harmony GT	0.133	oz ai/a	pp					
	Valor	1.15	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
9	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	96 a	98 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Canopy	1.69	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					ERICA GLXMA CONTROL %	HELAN GLXMA CONTROL %	ERICA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	AMAPA GLXMA CONTROL %
					1/Jun/2007	27/Jun/2007	27/Jun/2007	27/Jun/2007	27/Jun/2007
Trt No.	Treatment Name	Rate	Unit	Grow Stg	7	8	9	10	11
10	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	99 a	99 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Canopy	2.25	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
11	Roundup Weathermax	22	oz/a	pp	99 a	99 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp					
	Authority First	3.2	oz/a	pp					
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
12	Roundup Weathermax	22	oz/a	pp	99 a	93 a	99 a	92 a	98 a
	AMS	2.5	lb/a	pp					
	Authority MTZ	10	oz/a	pp					
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
13	Roundup Weathermax	22	oz/a	pp	99 a	98 a	99 a	99 a	99 a
	AMS	2.5	lb/a	pp					
	F7119	4.8	oz/a	pp					
	Roundup Original Max	22	oz/a	mpost					
	AMS	2.5	lb/a	mpost					
14	Roundup Weathermax	22	oz/a	mpost	0 b	0 b	0 b	0 b	0 b
	AMS	2.5	lb/a	mpost					
15	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	93 a	99 a
	NIS	0.25	% v/v	pp					
	Roundup Original Max	15.13	oz ai/a	pp					
	Canopy	3	oz ai/a	pp					
	Roundup Original Max	15.13	oz ai/a	mpost					
	AMS	32	oz ai/a	mpost					
LSD (P=.05)					0.0	5.4	1.0	28.9	31.5
Standard Deviation					0.0	3.2	0.6	17.3	18.9
CV					0.0	3.79	0.7	23.18	24.82
Grand Mean					85.8	85.0	85.71	74.51	75.93
Bartlett's X2					0.0	6.281	0.0	31.4	18.822
P(Bartlett's X2)					.	0.099	.	0.001*	0.001*
Replicate F					0.000	1.234	1.000	1.557	2.095
Replicate Prob(F)					1.0000	0.3064	0.3806	0.2285	0.1419
Treatment F					0.000	345.344	10218.331	15.079	12.665
Treatment Prob(F)					1.0000	0.0001	0.0001	0.0001	0.0001

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.

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.				SETVI GLXMA CONTROL %	HELAN GLXMA CONTROL %	AMAPA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	SETVI GLXMA CONTROL %	GLXMA PHYGEN %	
				27/Jun/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	12	13	14	15	16	17
1	Check				0 b	0 b	0 b	0 b	0 b	0 a
2	Durango	24	oz/a	pp	73 a	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	Sonic	3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
3	Durango	24	oz/a	pp	72 a	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	FirstRate	0.3	oz/a	pre						
	Durango	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
4	Durango	24	oz/a	pp	20 b	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	GF-1280	24	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
5	Durango	24	oz/a	pp	27 b	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	2,4-D ester	1	pt/a	pp						
	Durango	24	oz/a	mpost						
	FirstRate	0.3	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
6	2,4-D ester	8	oz ai/a	pp	88 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.23	oz ai/a	pp						
	Harmony GT	0.0738	oz ai/a	pp						
	Valor	0.72	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
7	2,4-D ester	8	oz ai/a	pp	90 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.32	oz ai/a	pp						
	Harmony GT	0.104	oz ai/a	pp						
	Valor	1	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
8	2,4-D ester	8	oz ai/a	pp	87 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Classic	0.42	oz ai/a	pp						
	Harmony GT	0.133	oz ai/a	pp						
	Valor	1.15	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
9	2,4-D ester	8	oz ai/a	pp	72 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	1.69	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					SETVI GLXMA CONTROL %	HELAN GLXMA CONTROL %	AMAPA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	SETVI GLXMA CONTROL %	GLXMA PHYGEN %
					27/Jun/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007	12/Jul/2007
Trt No.	Treatment Name	Rate	Unit	Grow Stg	12	13	14	15	16	17
10	2,4-D ester	8	oz ai/a	pp	62 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
11	Roundup Weathermax	22	oz/a	pp	72 a	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	Authority First	3.2	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
12	Roundup Weathermax	22	oz/a	pp	82 a	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	Authority MTZ	10	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
13	Roundup Weathermax	22	oz/a	pp	90 a	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	pp						
	F7119	4.8	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
14	Roundup Weathermax	22	oz/a	mpost	0 b	99 a	99 a	99 a	99 a	0 a
	AMS	2.5	lb/a	mpost						
15	2,4-D ester	8	oz ai/a	pp	75 a	99 a	99 a	99 a	99 a	0 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
LSD (P=.05)					25.2	0.0	0.0	0.0	0.0	0.0
Standard Deviation					15.1	0.0	0.0	0.0	0.0	0.0
CV					24.9	0.0	0.0	0.0	0.0	0.0
Grand Mean					60.56	92.4	92.4	92.4	92.4	0.0
Bartlett's X2					14.798	0.0	0.0	0.0	0.0	0.0
P(Bartlett's X2)					0.253	.	.	.	.	.
Replicate F					1.945	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)					0.1618	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F					13.671	0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)					0.0001	1.0000	1.0000	1.0000	1.0000	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.

University of Nebraska

Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.				HELAN GLXMA CONTROL %	AMAPA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	SETVI GLXMA CONTROL %	GLXMA YIELD LB	GLXMA MOICON %
				26/Jul/2007	26/Jul/2007	26/Jul/2007	26/Jul/2007	30/Oct/2007	30/Oct/2007
Trt No.	Treatment Name	Rate	Grow Unit Stg	18	19	20	21	22	23
1	Check			0 b	0 b	0 b	0 b	5 c	12 a
2	Durango	24 oz/a	pp	99 a	99 a	99 a	99 a	18 a	13 a
	AMS	2.5 lb/a	pp						
	2,4-D ester	1 pt/a	pp						
	Sonic	3 oz/a	pre						
	Durango	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
3	Durango	24 oz/a	pp	99 a	99 a	99 a	99 a	16 ab	12 a
	AMS	2.5 lb/a	pp						
	2,4-D ester	1 pt/a	pp						
	FirstRate	0.3 oz/a	pre						
	Durango	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
4	Durango	24 oz/a	pp	99 a	99 a	99 a	99 a	14 ab	12 a
	AMS	2.5 lb/a	pp						
	2,4-D ester	1 pt/a	pp						
	GF-1280	24 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
5	Durango	24 oz/a	pp	99 a	99 a	99 a	99 a	10 abc	12 a
	AMS	2.5 lb/a	pp						
	2,4-D ester	1 pt/a	pp						
	Durango	24 oz/a	mpost						
	FirstRate	0.3 oz/a	mpost						
	AMS	2.5 lb/a	mpost						
6	2,4-D ester	8 oz ai/a	pp	99 a	99 a	99 a	99 a	14 ab	12 a
	NIS	0.25 % v/v	pp						
	Roundup Orginal Max	15.13 oz ai/a	pp						
	Classic	0.23 oz ai/a	pp						
	Harmony GT	0.0738 oz ai/a	pp						
	Valor	0.72 oz ai/a	pp						
	Roundup Orginal Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						
7	2,4-D ester	8 oz ai/a	pp	99 a	99 a	99 a	99 a	16 ab	13 a
	NIS	0.25 % v/v	pp						
	Roundup Orginal Max	15.13 oz ai/a	pp						
	Classic	0.32 oz ai/a	pp						
	Harmony GT	0.104 oz ai/a	pp						
	Valor	1 oz ai/a	pp						
	Roundup Orginal Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						
8	2,4-D ester	8 oz ai/a	pp	99 a	99 a	99 a	99 a	15 ab	12 a
	NIS	0.25 % v/v	pp						
	Roundup Orginal Max	15.13 oz ai/a	pp						
	Classic	0.42 oz ai/a	pp						
	Harmony GT	0.133 oz ai/a	pp						
	Valor	1.15 oz ai/a	pp						
	Roundup Orginal Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						
9	2,4-D ester	8 oz ai/a	pp	99 a	99 a	99 a	99 a	12 ab	12 a
	NIS	0.25 % v/v	pp						
	Roundup Orginal Max	15.13 oz ai/a	pp						
	Canopy	1.69 oz ai/a	pp						
	Roundup Orginal Max	15.13 oz ai/a	mpost						
	AMS	32 oz ai/a	mpost						

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Weed Code Crop Code Rating Data Type Rating Unit Rating Date ARM Action Codes # Subsamples, Dec.					HELAN GLXMA CONTROL %	AMAPA GLXMA CONTROL %	ABUTH GLXMA CONTROL %	SETVI GLXMA CONTROL %	GLXMA YIELD LB	GLXMA MOICON %
					26/Jul/2007	26/Jul/2007	26/Jul/2007	26/Jul/2007	30/Oct/2007	30/Oct/2007
Trt No.	Treatment Name	Rate	Unit	Grow Stg	18	19	20	21	22	23
10	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	99 a	12 ab	12 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	2.25	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
11	Roundup Weathermax	22	oz/a	pp	99 a	99 a	99 a	99 a	15 ab	12 a
	AMS	2.5	lb/a	pp						
	Authority First	3.2	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
12	Roundup Weathermax	22	oz/a	pp	99 a	99 a	99 a	99 a	11 ab	12 a
	AMS	2.5	lb/a	pp						
	Authority MTZ	10	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
13	Roundup Weathermax	22	oz/a	pp	99 a	99 a	99 a	99 a	13 ab	12 a
	AMS	2.5	lb/a	pp						
	F7119	4.8	oz/a	pp						
	Roundup Original Max	22	oz/a	mpost						
	AMS	2.5	lb/a	mpost						
14	Roundup Weathermax	22	oz/a	mpost	99 a	99 a	99 a	99 a	9 bc	12 a
	AMS	2.5	lb/a	mpost						
15	2,4-D ester	8	oz ai/a	pp	99 a	99 a	99 a	99 a	14 ab	13 a
	NIS	0.25	% v/v	pp						
	Roundup Original Max	15.13	oz ai/a	pp						
	Canopy	3	oz ai/a	pp						
	Roundup Original Max	15.13	oz ai/a	mpost						
	AMS	32	oz ai/a	mpost						
LSD (P=.05)					0.0	0.0	0.0	0.0	4.4	0.7
Standard Deviation					0.0	0.0	0.0	0.0	2.6	0.4
CV					0.0	0.0	0.0	0.0	20.37	3.61
Grand Mean					92.4	92.4	92.4	92.4	12.98	12.31
Bartlett's X2					0.0	0.0	0.0	0.0	18.841	6.845
P(Bartlett's X2)					.	.	.	.	0.171	0.941
Replicate F					0.000	0.000	0.000	0.000	5.923	0.691
Replicate Prob(F)					1.0000	1.0000	1.0000	1.0000	0.0072	0.5094
Treatment F					0.000	0.000	0.000	0.000	4.357	0.587
Treatment Prob(F)					1.0000	1.0000	1.0000	1.0000	0.0005	0.8524

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.

University of Nebraska

Weed Code				GLXMA
Crop Code				YIELD
Rating Data Type				bu/ac
Rating Unit				30/Oct/2007
Rating Date				TY1
ARM Action Codes				1
# Subsamples, Dec.				
Trt No.	Treatment Name	Rate	Unit	Grow Stg
				24
1	Check			12.9 c
2	Durango	24	oz/a	pp
	AMS	2.5	lb/a	pp
	2,4-D ester	1	pt/a	pp
	Sonic	3	oz/a	pre
	Durango	24	oz/a	mpost
	AMS	2.5	lb/a	mpost
3	Durango	24	oz/a	pp
	AMS	2.5	lb/a	pp
	2,4-D ester	1	pt/a	pp
	FirstRate	0.3	oz/a	pre
	Durango	24	oz/a	mpost
	AMS	2.5	lb/a	mpost
4	Durango	24	oz/a	pp
	AMS	2.5	lb/a	pp
	2,4-D ester	1	pt/a	pp
	GF-1280	24	oz/a	mpost
	AMS	2.5	lb/a	mpost
5	Durango	24	oz/a	pp
	AMS	2.5	lb/a	pp
	2,4-D ester	1	pt/a	pp
	Durango	24	oz/a	mpost
	FirstRate	0.3	oz/a	mpost
	AMS	2.5	lb/a	mpost
6	2,4-D ester	8	oz ai/a	pp
	NIS	0.25	% v/v	pp
	Roundup Original Max	15.13	oz ai/a	pp
	Classic	0.23	oz ai/a	pp
	Harmony GT	0.0738	oz ai/a	pp
	Valor	0.72	oz ai/a	pp
	Roundup Original Max	15.13	oz ai/a	mpost
	AMS	32	oz ai/a	mpost
7	2,4-D ester	8	oz ai/a	pp
	NIS	0.25	% v/v	pp
	Roundup Original Max	15.13	oz ai/a	pp
	Classic	0.32	oz ai/a	pp
	Harmony GT	0.104	oz ai/a	pp
	Valor	1	oz ai/a	pp
	Roundup Original Max	15.13	oz ai/a	mpost
	AMS	32	oz ai/a	mpost
8	2,4-D ester	8	oz ai/a	pp
	NIS	0.25	% v/v	pp
	Roundup Original Max	15.13	oz ai/a	pp
	Classic	0.42	oz ai/a	pp
	Harmony GT	0.133	oz ai/a	pp
	Valor	1.15	oz ai/a	pp
	Roundup Original Max	15.13	oz ai/a	mpost
	AMS	32	oz ai/a	mpost
9	2,4-D ester	8	oz ai/a	pp
	NIS	0.25	% v/v	pp
	Roundup Original Max	15.13	oz ai/a	pp
	Canopy	1.69	oz ai/a	pp
	Roundup Original Max	15.13	oz ai/a	mpost
	AMS	32	oz ai/a	mpost

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Weed Code					GLXMA
Crop Code					YIELD
Rating Data Type					bu/ac
Rating Unit					30/Oct/2007
Rating Date					TY1
ARM Action Codes					1
# Subsamples, Dec.					
Trit No.	Treatment Name	Rate	Rate Unit	Grow Stg	24
10	2,4-D ester	8	oz ai/a	pp	30.1 ab
	NIS	0.25	% v/v	pp	
	Roundup Original Max	15.13	oz ai/a	pp	
	Canopy	2.25	oz ai/a	pp	
	Roundup Original Max	15.13	oz ai/a	mpost	
	AMS	32	oz ai/a	mpost	
11	Roundup Weathermax	22	oz/a	pp	35.4 ab
	AMS	2.5	lb/a	pp	
	Authority First	3.2	oz/a	pp	
	Roundup Original Max	22	oz/a	mpost	
	AMS	2.5	lb/a	mpost	
12	Roundup Weathermax	22	oz/a	pp	27.6 ab
	AMS	2.5	lb/a	pp	
	Authority MTZ	10	oz/a	pp	
	Roundup Original Max	22	oz/a	mpost	
	AMS	2.5	lb/a	mpost	
13	Roundup Weathermax	22	oz/a	pp	31.3 ab
	AMS	2.5	lb/a	pp	
	F7119	4.8	oz/a	pp	
	Roundup Original Max	22	oz/a	mpost	
	AMS	2.5	lb/a	mpost	
14	Roundup Weathermax	22	oz/a	mpost	21.3 bc
	AMS	2.5	lb/a	mpost	
15	2,4-D ester	8	oz ai/a	pp	34.5 ab
	NIS	0.25	% v/v	pp	
	Roundup Original Max	15.13	oz ai/a	pp	
	Canopy	3	oz ai/a	pp	
	Roundup Original Max	15.13	oz ai/a	mpost	
	AMS	32	oz ai/a	mpost	
LSD (P=.05)					10.82
Standard Deviation					6.47
CV					20.44
Grand Mean					31.67
Bartlett's X2					18.695
P(Bartlett's X2)					0.177
Replicate F					5.997
Replicate Prob(F)					0.0068
Treatment F					4.280
Treatment Prob(F)					0.0005

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 24: TY1 = 2.42*[22]*(100-[23])/87