

# Purdue University

## Glyphosate Resistant Horseweed Efficacy - Spring Applied Treatments (Dupont)

Trial ID: 04-SEPAC-GRH-EFD  
Location: SEPAC

Study Dir.:  
Investigator: Dr. Bill Johnson

### GENERAL TRIAL INFORMATION

Investigator: Dr. Bill Johnson

### TRIAL LOCATION

City: Butlerville  
State/Prov.: IN  
Postal Code: 47223  
Country: USA  
E-Longitude of LL Corner °: 274.479670      N-Latitude of LL Corner °: 39.036320  
Altitude of LL Corner: 780.00      Unit: FT  
Directions: Field S1 (north end)

### COOPERATOR/LANDOWNER

Cooperator: Southeast Purdue Ag Center      Country: USA  
Phone No: 812-458-6977  
Address 1: 4425 E Co Rd 350 N      Fax No: 812-458-6979  
Address 2: PO Box 216  
City: Butlerville  
State/Prov: IN  
Postal Code: 47223

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

### CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	SENGL	GROUNDSEL, CRESSLEAF	Senecio glabellus Poir.
2.	RANAB	BUTTERCUP, SMALLFLOWER	RANUNCULUS ABORTIVUS L.
3.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.) VILL./CYR.
4.	LAMSP	henbit/purple deadnettle	Lamium species
5.	CARPA	BITTERCRESS, SMALLFLOWERED	Cardamine parviflora L.
6.	ERICA	HORSEWEED	ERIGERON CANADENSIS L.
7.	CAPBP	SHEPHERDSPURSE	CAPSELLA BURSA-PASTORIS (L.) MEDIK.
8.	ERPVE	Whitlowgrass, spring	Draba verna L.
9.	POAAN	Bluegrass, Annual	Poa annua L.
10.	CERVU	CHICKWEED, MOUSEEAR	CERASTIUM VULGATUM L.
11.	VERAR	SPEEDWELL, CORN	VERONICA ARVENSIS L.
12.	VERAG	SPEEDWELL, FIELD	VERONICA AGRESTIS L.

Crop 1: GLXMA SOYBEAN

Variety: Harvest Residue

Row Spacing: 7.5 IN

Crop 2: GLXMA SOYBEAN

Variety: Pioneer 93M80

Planting Date: 11/May/2004

Planting Method: DRILLED

Rate: 204500 S/A

Depth: 1 IN

Row Spacing: 7.5 IN

### SITE AND DESIGN

Plot Width, Unit: 10 FT      Plot Length, Unit: 30 FT      Reps: 4

Tillage Type: No-Till

Study Design: RANDOMIZED COMPLETE BLOCK

	Previous Crops	Previous Pesticides	Year
1.	soybean	glyphosate	2003

### MAINTENANCE

Field Prep./Maintenance:

May 8, 2004: SEPAC crew applied blanket treatment of Fusion (20 oz/acre) to Field S1.

### SOIL DESCRIPTION

% OM:	1.5	Texture:	Silt Loam
pH:	6.2	Soil Name:	Avonburg
CEC:	6.0	Fert. Level:	P - 24 ppm, K - 64 ppm

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## APPLICATION DESCRIPTION

	A
Application Date:	2/Apr/2004
Time of Day:	0900-1000
Application Method:	SPRAY
Application Timing:	EARPRE
Applic. Placement:	BROFOL
Air Temp., Unit:	46 F
% Relative Humidity:	64
Wind Velocity, Unit:	6 MPH
Soil Temp., Unit:	43 F
Soil Moisture:	saturated
% Cloud Cover:	95

## CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	GLXMA residue
Stage Scale:	50% (??)
Crop 2 Code, Stage:	GLXMA
Stage Scale:	na- 30EPP

## WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	SENGL
Weed 2 Code, Stage:	RANAB
Stage Scale:	4-6 leaf
Density, Unit:	0-32 M2
Weed 3 Code, Stage:	STEME
Stage Scale:	3 inch
Density, Unit:	0-6 M2
Weed 4 Code, Stage:	LAMSP
Stage Scale:	3-4 inch
Density, Unit:	0-2 M2
Weed 5 Code, Stage:	CARPA
Weed 6 Code, Stage:	ERICA
Weed 7 Code, Stage:	CAPBP
Weed 8 Code, Stage:	ERPVE
Stage Scale:	1-2", F1
Density, Unit:	0-4 M2
Weed 9 Code, Stage:	POAAN
Stage Scale:	1-3 inch
Density, Unit:	3-7 M2
Weed10 Code, Stage:	CERVU
Stage Scale:	1 inch
Density, Unit:	1-18 M2
Weed11 Code, Stage:	VERAR 4-8 lf
Stage Scale:	<1"
Density, Unit:	2-3 M2
Weed12 Code, Stage:	VERAG

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## APPLICATION EQUIPMENT

	<b>A</b>
<b>Appl. Equipment:</b>	CO2 Backp
<b>Operating Pressure:</b>	25 psi
<b>Nozzle Type:</b>	VS
<b>Nozzle Size:</b>	8002
<b>Nozzle Spacing, Unit:</b>	20 IN
<b>Boom Length, Unit:</b>	10 FT
<b>Ground Speed, Unit:</b>	3 MPH
<b>Carrier:</b>	water
<b>Spray Volume, Unit:</b>	15 gpa
<b>Propellant:</b>	CO2

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## Glyphosate Resistant Horseweed Efficacy - Spring Applied Treatments (Dupont)

Trial ID: 04-SEPAC-GRH-EFD  
Location: SEPAC

Study Dir.:  
Investigator: Dr. Bill Johnson

Weed Code				RANAB	ERPVE	POAAN	CERVU	RANAB
Crop Code								
Part Rated				biomas	biomas	biomas	biomas	biomas
Rating Data Type				control	control	control	control	control
Rating Unit				%control	%control	%control	%control	%control
Rating Date				16/Apr/2004	16/Apr/2004	16/Apr/2004	16/Apr/2004	7/May/2004
Crop Stage								
Crop Stage Scale								
Weed Stage				4-8", FL	1-2", FL	2-4"	2-3"	6-8"
Weed Density, Unit				3-4 FT2	1-2 FT2	2-3 FT2	1 FT2	20 M2
Assessed By				Jeff & Vince	Jeff & Vince	Jeff & Vince	Jeff & Vince	Bill & ?
Trt-Eval Interval				14 DA-A	14 DA-A	14 DA-A	14 DA-A	35 DA-A
# Subsamples, Dec.				0	0	0	0	0
Trt Treatment	Rate	Unit	Grow					
No. Name			Stg	1	2	3	4	5
1 Untreated check (30 EPP1)				91 ab	94 a	94 a	69 ab	100 a
Roundup Weathermax	0.77	lb ae/a	30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
2 Classic	0.0156	lb ai/a	30 EPP	31 cd	61 cd	24 de	46 bc	98 a
Express	0.0047	lb ai/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
3 Classic	0.0156	lb ai/a	30 EPP	51 c	71 a-d	30 cde	46 bc	100 a
Express	0.0047	lb ai/a	30 EPP					
2,4-D Ester	0.5	lb ae/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
4 Classic	0.0156	lb ai/a	30 EPP	39 cd	76 a-d	20 de	83 a	87 b
Express	0.0047	lb ai/a	30 EPP					
Sencor 75DF	0.187	lb ai/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
5 Classic	0.0156	lb ai/a	30 EPP	71 ab	88 abc	20 de	89 a	100 a
Express	0.0047	lb ai/a	30 EPP					
Sencor 75DF	0.187	lb ai/a	30 EPP					
2,4-D Ester	0.5	lb ae/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
6 Classic	0.0156	lb ai/a	30 EPP	85 ab	94 a	36 b-e	74 ab	100 a
Express	0.0047	lb ai/a	30 EPP					
Valor	0.08	lb ai/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					
7 Classic	0.0156	lb ai/a	30 EPP	90 ab	95 a	53 bcd	88 a	100 a
Express	0.0047	lb ai/a	30 EPP					
Valor	0.08	lb ai/a	30 EPP					
2,4-D Ester	0.5	lb ae/a	30 EPP					
Crop Oil Conc			30 EPP					
AMS			30 EPP					
Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
AMS			3-5 WAP					

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Weed Code				RANAB	ERPVE	POAAN	CERVU	RANAB	
Crop Code				biomas	biomas	biomas	biomas	biomas	
Part Rated				control	control	control	control	control	
Rating Data Type				%control	%control	%control	%control	%control	
Rating Unit				16/Apr/2004	16/Apr/2004	16/Apr/2004	16/Apr/2004	7/May/2004	
Rating Date									
Crop Stage									
Crop Stage Scale									
Weed Stage				4-8", FL	1-2", FL	2-4"	2-3"	6-8"	
Weed Density, Unit				3-4 FT2	1-2 FT2	2-3 FT2	1 FT2	20 M2	
Assessed By				Jeff & Vince	Jeff & Vince	Jeff & Vince	Jeff & Vince	Bill & ?	
Trt-Eval Interval				14 DA-A	14 DA-A	14 DA-A	14 DA-A	35 DA-A	
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	1	2	3	4	5
8	Canopy XL (2.5 oz)				70 b	78 a-d	45 bcd	74 ab	96 a
	Classic	0.0147	lb ai/a	30 EPP					
	Authority	0.073	lb ai/a	30 EPP					
	Express	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
9	Canopy XL (2.5 oz)				90 ab	83 a-d	43 b-e	76 ab	100 a
	Classic	0.0147	lb ai/a	30 EPP					
	Authority	0.073	lb ai/a	30 EPP					
	Express	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
10	Untreated check (post 1)				0 e	0 e	0 e	0 d	0 c
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
11	Classic	0.0312	lb ai/a	30 EPP	43 cd	64 bcd	31 cde	59 ab	98 a
	Express	0.0094	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
12	Classic	0.0312	lb ai/a	30 EPP	51 c	66 a-d	40 b-e	46 bc	100 a
	Express	0.0094	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
13	Classic	0.0312	lb ai/a	30 EPP	25 d	59 d	23 de	83 a	85 b
	Express	0.0094	lb ai/a	30 EPP					
	Sencor 75DF	0.187	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
14	Classic	0.0312	lb ai/a	30 EPP	81 ab	90 ab	29 cde	91 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Sencor 75DF	0.187	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					

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Weed Code				RANAB	ERPVE	POAAN	CERVU	RANAB	
Crop Code				biomas	biomas	biomas	biomas	biomas	
Part Rated				control	control	control	control	control	
Rating Data Type				%control	%control	%control	%control	%control	
Rating Unit				16/Apr/2004	16/Apr/2004	16/Apr/2004	16/Apr/2004	7/May/2004	
Rating Date									
Crop Stage									
Crop Stage Scale									
Weed Stage				4-8", FL	1-2", FL	2-4"	2-3"	6-8"	
Weed Density, Unit				3-4 FT2	1-2 FT2	2-3 FT2	1 FT2	20 M2	
Assessed By				Jeff & Vince	Jeff & Vince	Jeff & Vince	Jeff & Vince	Bill & ?	
Trt-Eval Interval				14 DA-A	14 DA-A	14 DA-A	14 DA-A	35 DA-A	
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	1	2	3	4	5
15	Classic	0.0312	lb ai/a	30 EPP	74 ab	86 a-d	50 bcd	75 ab	98 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
16	Classic	0.0312	lb ai/a	30 EPP	86 ab	94 a	68 abc	88 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
17	Canopy XL (4.5 oz)				80 ab	91 ab	48 bcd	63 ab	96 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.131	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
18	Canopy XL (4.5 oz)				95 a	89 abc	76 ab	68 ab	100 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.132	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
19	2,4-D Ester	1	lb ae/a	30 EPP	50 c	75 a-d	21 de	23 cd	98 a
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
20	Roundup Weathermax	0.77	lb ae/a	30 EPP	93 ab	94 a	94 a	66 ab	100 a
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
21	Untreated check (post 2)				0 e	0 e	0 e	0 d	0 c
	Roundup Weathermax	1.55	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
LSD (P=.05)				14.2	16.7	25.0	19.3	4.4	
Standard Deviation				10.1	11.8	17.7	13.6	3.1	
CV				16.3	16.08	44.1	21.93	3.49	
Grand Mean				61.73	73.63	40.12	62.08	88.31	
Bartlett's X2				29.288	57.149	48.872	40.412	15.033	
P(Bartlett's X2)				0.022*	0.001*	0.001*	0.002*	0.059	

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Weed Code	RANAB	ERPVE	POAAN	CERVU	RANAB
Crop Code					
Part Rated	biomas	biomas	biomas	biomas	biomas
Rating Data Type	control	control	control	control	control
Rating Unit	%control	%control	%control	%control	%control
Rating Date	16/Apr/2004	16/Apr/2004	16/Apr/2004	16/Apr/2004	7/May/2004
Crop Stage					
Crop Stage Scale					
Weed Stage	4-8", FL	1-2", FL	2-4"	2-3"	6-8"
Weed Density, Unit	3-4 FT2	1-2 FT2	2-3 FT2	1 FT2	20 M2
Assessed By	Jeff & Vince	Jeff & Vince	Jeff & Vince	Jeff & Vince	Bill & ?
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A	35 DA-A
# Subsamples, Dec.	0	0	0	0	0
Replicate F	4.937	2.053	0.792	0.473	0.636
Replicate Prob(F)	0.0039	0.1160	0.5029	0.7024	0.5950
Treatment F	35.265	21.003	8.582	15.604	370.193
Treatment Prob(F)	0.0001	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				LAMSP	SENGL	POAAN	CERVU	ERICA	
Crop Code									
Part Rated				biomas	biomas	biomas	biomas	biomas	
Rating Data Type				control	control	control	control	control	
Rating Unit				%control	%control	%control	%control	%control	
Rating Date				7/May/2004	7/May/2004	7/May/2004	7/May/2004	7/May/2004	
Crop Stage									
Crop Stage Scale									
Weed Stage				4"	12-24"	6-10"	10"	<1", 2Lf	
Weed Density, Unit				4 M2	<4 M2	9-40M2	12 M2	<4 M2	
Assessed By				Bill & ?					
Trt-Eval Interval				35 DA-A					
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	6	7	8	9	10
1	Untreated check (30 EPP1)			30 EPP	100 a	100 a	99 a	94 ab	100 a
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
2	Classic Express	0.0156	lb ai/a	30 EPP	93 a	100 a	45 bc	93 b	100 a
	Crop Oil Conc AMS	0.0047	lb ai/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
3	Classic Express	0.0156	lb ai/a	30 EPP	96 a	100 a	48 bc	99 a	100 a
	2,4-D Ester	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc AMS			30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
4	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	53 bc	100 a	98 a
	Sencor 75DF	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.187	lb ai/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
5	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	49 bc	100 a	100 a
	Sencor 75DF	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.187	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc AMS			30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
6	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	45 bc	99 a	100 a
	Valor	0.0047	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	Crop Oil Conc AMS			30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
7	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	55 bc	100 a	100 a
	Valor	0.0047	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc AMS			30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					

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Weed Code				LAMSP	SENGL	POAAN	CERVU	ERICA	
Crop Code				biomas	biomas	biomas	biomas	biomas	
Part Rated				control	control	control	control	control	
Rating Data Type				%control	%control	%control	%control	%control	
Rating Unit				7/May/2004	7/May/2004	7/May/2004	7/May/2004	7/May/2004	
Rating Date									
Crop Stage									
Crop Stage Scale									
Weed Stage				4"	12-24"	6-10"	10"	<1", 2Lf	
Weed Density, Unit				4 M2	<4 M2	9-40M2	12 M2	<4 M2	
Assessed By				Bill & ?					
Trt-Eval Interval				35 DA-A					
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	6	7	8	9	10
8	Canopy XL (2.5 oz)				95 a	100 a	48 bc	99 a	83 a
	Classic	0.0147	lb ai/a	30 EPP					
	Authority	0.073	lb ai/a	30 EPP					
	Express	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
9	Canopy XL (2.5 oz)				100 a	100 a	61 b	100 a	100 a
	Classic	0.0147	lb ai/a	30 EPP					
	Authority	0.073	lb ai/a	30 EPP					
	Express	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
10	Untreated check (post 1)				0 c	0 b	0 d	0 d	0 b
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
11	Classic	0.0312	lb ai/a	30 EPP	99 a	100 a	54 bc	96 ab	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
12	Classic	0.0312	lb ai/a	30 EPP	98 a	100 a	59 b	97 ab	100 a
	Express	0.0094	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
13	Classic	0.0312	lb ai/a	30 EPP	100 a	100 a	58 b	100 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Sencor 75DF	0.187	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
14	Classic	0.0312	lb ai/a	30 EPP	100 a	100 a	56 b	100 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Sencor 75DF	0.187	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					

# Purdue University

Weed Code				LAMSP	SENGL	POAAN	CERVU	ERICA	
Crop Code									
Part Rated				biomas	biomas	biomas	biomas	biomas	
Rating Data Type				control	control	control	control	control	
Rating Unit				%control	%control	%control	%control	%control	
Rating Date				7/May/2004	7/May/2004	7/May/2004	7/May/2004	7/May/2004	
Crop Stage									
Crop Stage Scale									
Weed Stage				4"	12-24"	6-10"	10"	<1", 2Lf	
Weed Density, Unit				4 M2	<4 M2	9-40M2	12 M2	<4 M2	
Assessed By				Bill & ?					
Trt-Eval Interval				35 DA-A					
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	6	7	8	9	10
15	Classic	0.0312	lb ai/a	30 EPP	100 a	100 a	59 b	100 a	83 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
16	Classic	0.0312	lb ai/a	30 EPP	100 a	100 a	60 b	100 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
17	Canopy XL (4.5 oz)				99 a	100 a	53 bc	98 ab	100 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.131	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
18	Canopy XL (4.5 oz)				100 a	100 a	72 b	97 ab	101 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.132	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
19	2,4-D Ester	1	lb ae/a	30 EPP	81 b	100 a	28 c	8 c	88 a
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
20	Roundup Weathermax	0.77	lb ae/a	30 EPP	99 a	100 a	98 a	95 ab	101 a
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
21	Untreated check (post 2)				0 c	0 b	0 d	0 d	0 b
	Roundup Weathermax	1.55	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
LSD (P=.05)				9.0	0.0	17.1	3.7	17.3	
Standard Deviation				6.4	0.0	12.1	2.6	12.3	
CV				7.21	0.0	23.1	3.13	13.89	
Grand Mean				88.55	90.48	52.25	84.33	88.22	
Bartlett's X2				35.348	0.0	25.021	17.776	0.409	
P(Bartlett's X2)				0.001*	.	0.094	0.123	0.815	

# Purdue University

Weed Code	LAMSP	SENGL	POAAN	CERVU	ERICA
Crop Code					
Part Rated	biomas	biomas	biomas	biomas	biomas
Rating Data Type	control	control	control	control	control
Rating Unit	%control	%control	%control	%control	%control
Rating Date	7/May/2004	7/May/2004	7/May/2004	7/May/2004	7/May/2004
Crop Stage					
Crop Stage Scale					
Weed Stage	4"	12-24"	6-10"	10"	<1", 2Lf
Weed Density, Unit	4 M2	<4 M2	9-40M2	12 M2	<4 M2
Assessed By	Bill & ?				
Trt-Eval Interval	35 DA-A				
# Subsamples, Dec.	0	0	0	0	0
Replicate F	0.912	0.000	1.893	2.562	1.575
Replicate Prob(F)	0.4410	1.0000	0.1411	0.0637	0.2053
Treatment F	86.741	0.000	15.367	676.323	23.780
Treatment Prob(F)	0.0001	1.0000	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.

# Purdue University

Weed Code				VERAR	STEME	ERICA	ERICA	ERICA	
Crop Code							GLXMA	GLXMA	
Part Rated				biomas	biomas	biomas	biomas	biomas	
Rating Data Type				control	control	control	control	above canop	
Rating Unit				%control	%control	%control	%control	%control	
Rating Date				7/May/2004	7/May/2004	26/May/2004	21/Jun/2004	8/Jul/2004	
Crop Stage							V5-V6,R1	11 nodes	
Crop Stage Scale							12"	24",1"pd	
Weed Stage				4-6"	4"	0-10"	3-24"	4-24"	
Weed Density, Unit				150 M2	4 M2	3-4 M2	1-5 FT2	1-4 M2	
Assessed By				Bill & ?	Bill & ?	Reece & Vince	Earl & Reece	Bill & Reece	
Trt-Eval Interval				35 DA-A	35 DA-A	54 DA-A	80 DA-A	14 DA-M	
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	11	12	13	14	15
1	Untreated check (30 EPP1)			30 EPP	99 a	100 a	92 bc	64 b	100 a
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
2	Classic Express	0.0156	lb ai/a	30 EPP	66 b	100 a	98 a	94 a	100 a
	Crop Oil Conc AMS	0.0047	lb ai/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
3	Classic Express	0.0156	lb ai/a	30 EPP	80 ab	100 a	100 a	100 a	100 a
	2,4-D Ester	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.5	lb ae/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
4	Classic Express	0.0156	lb ai/a	30 EPP	99 a	101 a	99 a	93 a	98 a
	Sencor 75DF	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.187	lb ai/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
5	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	100 a	100 a	100 a
	Sencor 75DF	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.187	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.5	lb ae/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
6	Classic Express	0.0156	lb ai/a	30 EPP	100 a	100 a	98 a	89 a	95 a
	Valor	0.0047	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.08	lb ai/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					
7	Classic Express	0.0156	lb ai/a	30 EPP	98 a	100 a	100 a	98 a	100 a
	Valor	0.0047	lb ai/a	30 EPP					
	2,4-D Ester	0.08	lb ai/a	30 EPP					
	Crop Oil Conc AMS	0.5	lb ae/a	30 EPP					
	Roundup Weathermax AMS	0.77	lb ae/a	3-5 WAP					

# Purdue University

Weed Code				VERAR	STEME	ERICA	ERICA	ERICA
Crop Code							GLXMA	GLXMA
Part Rated				biomas	biomas	biomas	biomas	biomas
Rating Data Type				control	control	control	control	above canop
Rating Unit				%control	%control	%control	%control	%control
Rating Date				7/May/2004	7/May/2004	26/May/2004	21/Jun/2004	8/Jul/2004
Crop Stage							V5-V6,R1	11 nodes
Crop Stage Scale							12"	24",1"pd
Weed Stage				4-6"	4"	0-10"	3-24"	4-24"
Weed Density, Unit				150 M2	4 M2	3-4 M2	1-5 FT2	1-4 M2
Assessed By				Bill & ?	Bill & ?	Reece & Vince	Earl & Reece	Bill & Reece
Trt-Eval Interval				35 DA-A	35 DA-A	54 DA-A	80 DA-A	14 DA-M
# Subsamples, Dec.				0	0	0	0	0
Trt No.	Treatment Name	Rate	Grow Stg	11	12	13	14	15
8	Canopy XL (2.5 oz)			96 a	100 a	99 a	95 a	98 a
	Classic	0.0147 lb ai/a	30 EPP					
	Authority	0.073 lb ai/a	30 EPP					
	Express	0.0047 lb ai/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
9	Canopy XL (2.5 oz)			95 a	100 a	99 a	100 a	100 a
	Classic	0.0147 lb ai/a	30 EPP					
	Authority	0.073 lb ai/a	30 EPP					
	Express	0.0047 lb ai/a	30 EPP					
	2,4-D Ester	0.5 lb ae/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
10	Untreated check (post 1)			0 c	0 c	0 d	0 c	0 b
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
11	Classic	0.0312 lb ai/a	30 EPP	91 a	100 a	100 a	100 a	100 a
	Express	0.0094 lb ai/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
12	Classic	0.0312 lb ai/a	30 EPP	81 ab	100 a	98 a	96 a	100 a
	Express	0.0094 lb ai/a	30 EPP					
	2,4-D Ester	0.5 lb ae/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
13	Classic	0.0312 lb ai/a	30 EPP	100 a	100 a	99 a	100 a	100 a
	Express	0.0094 lb ai/a	30 EPP					
	Sencor 75DF	0.187 lb ai/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					
14	Classic	0.0312 lb ai/a	30 EPP	100 a	100 a	100 a	100 a	100 a
	Express	0.0094 lb ai/a	30 EPP					
	Sencor 75DF	0.187 lb ai/a	30 EPP					
	2,4-D Ester	0.5 lb ae/a	30 EPP					
	Crop Oil Conc		30 EPP					
	AMS		30 EPP					
	Roundup Weathermax	0.77 lb ae/a	3-5 WAP					
	AMS		3-5 WAP					

# Purdue University

Weed Code				VERAR	STEME	ERICA	ERICA	ERICA	
Crop Code							GLXMA	GLXMA	
Part Rated				biomas	biomas	biomas	biomas	biomas	
Rating Data Type				control	control	control	control	above canop	
Rating Unit				%control	%control	%control	%control	%control	
Rating Date				7/May/2004	7/May/2004	26/May/2004	21/Jun/2004	8/Jul/2004	
Crop Stage							V5-V6,R1	11 nodes	
Crop Stage Scale							12"	24",1"pd	
Weed Stage				4-6"	4"	0-10"	3-24"	4-24"	
Weed Density, Unit				150 M2	4 M2	3-4 M2	1-5 FT2	1-4 M2	
Assessed By				Bill & ?	Bill & ?	Reece & Vince	Earl & Reece	Bill & Reece	
Trt-Eval Interval				35 DA-A	35 DA-A	54 DA-A	80 DA-A	14 DA-M	
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	11	12	13	14	15
15	Classic	0.0312	lb ai/a	30 EPP	98 a	100 a	99 a	99 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
16	Classic	0.0312	lb ai/a	30 EPP	100 a	100 a	100 a	100 a	100 a
	Express	0.0094	lb ai/a	30 EPP					
	Valor	0.08	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
17	Canopy XL (4.5 oz)				93 a	100 a	100 a	99 a	100 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.131	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
18	Canopy XL (4.5 oz)				94 a	100 a	100 a	100 a	100 a
	Classic	0.0264	lb ai/a	30 EPP					
	Authority	0.132	lb ai/a	30 EPP					
	Express	0.0094	lb ai/a	30 EPP					
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	Crop Oil Conc			30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
19	2,4-D Ester	1	lb ae/a	30 EPP	90 a	15 b	94 ab	85 a	100 a
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
20	Roundup Weathermax	0.77	lb ae/a	30 EPP	97 a	100 a	87 c	50 b	93 a
	2,4-D Ester	0.5	lb ae/a	30 EPP					
	AMS			30 EPP					
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
21	Untreated check (post 2)				0 c	0 c	0 d	0 c	0 b
	Roundup Weathermax	1.55	lb ae/a	3-5 WAP					
	AMS			3-5 WAP					
LSD (P=.05)				14.4	7.5	4.7	15.4	6.0	
Standard Deviation				10.2	5.3	3.3	10.9	4.2	
CV				12.07	6.16	3.72	13.03	4.73	
Grand Mean				84.59	86.43	88.62	83.79	89.66	
Bartlett's X2				53.467	0.0	33.257	40.92	5.011	
P(Bartlett's X2)				0.001*	.	0.001*	0.001*	0.171	

# Purdue University

Weed Code	VERAR	STEME	ERICA	ERICA	ERICA
Crop Code				GLXMA	GLXMA
Part Rated	biomas	biomas	biomas	biomas	biomas
Rating Data Type	control	control	control	control	above canop
Rating Unit	%control	%control	%control	%control	%control
Rating Date	7/May/2004	7/May/2004	26/May/2004	21/Jun/2004	8/Jul/2004
Crop Stage				V5-V6,R1	11 nodes
Crop Stage Scale				12"	24",1"pd
Weed Stage	4-6"	4"	0-10"	3-24"	4-24"
Weed Density, Unit	150 M2	4 M2	3-4 M2	1-5 FT2	1-4 M2
Assessed By	Bill & ?	Bill & ?	Reece & Vince	Earl & Reece	Bill & Reece
Trt-Eval Interval	35 DA-A	35 DA-A	54 DA-A	80 DA-A	14 DA-M
# Subsamples, Dec.	0	0	0	0	0
Replicate F	2.458	1.085	0.133	2.123	1.160
Replicate Prob(F)	0.0721	0.3627	0.9399	0.1069	0.3326
Treatment F	33.054	165.037	324.266	31.511	198.061
Treatment Prob(F)	0.0001	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.

# Purdue University

Weed Code				ERICA
Crop Code				
Part Rated				biomas
Rating Data Type				control
Rating Unit				%control
Rating Date				5/Oct/2004
Crop Stage				
Crop Stage Scale				
Weed Stage				6-48"
Weed Density, Unit				<1 M2
Assessed By				Reece & Vince
Trt-Eval Interval				103 DA-M
# Subsamples, Dec.				0
Trt No.	Treatment Name	Rate	Unit	Grow Stg
				16
1	Untreated check (30 EPP1)			79 b
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
2	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
3	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
4	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Sencor 75DF	0.187	lb ai/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
5	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Sencor 75DF	0.187	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
6	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Valor	0.08	lb ai/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP
7	Classic Express	0.0156	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Valor	0.08	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc AMS			30 EPP
	Roundup Weathermax AMS	0.77	lb ae/a	30 EPP
	Roundup Weathermax AMS			3-5 WAP
	Roundup Weathermax AMS			3-5 WAP

# Purdue University

Weed Code				ERICA
Crop Code				
Part Rated				biomas
Rating Data Type				control
Rating Unit				%control
Rating Date				5/Oct/2004
Crop Stage				
Crop Stage Scale				
Weed Stage				6-48"
Weed Density, Unit				<1 M2
Assessed By				Reece & Vince
Trt-Eval Interval				103 DA-M
# Subsamples, Dec.				0
Trt No.	Treatment Name	Rate	Unit	Grow Stg
				16
8	Canopy XL (2.5 oz)			100 a
	Classic	0.0147	lb ai/a	30 EPP
	Authority	0.073	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
9	Canopy XL (2.5 oz)			100 a
	Classic	0.0147	lb ai/a	30 EPP
	Authority	0.073	lb ai/a	30 EPP
	Express	0.0047	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
10	Untreated check (post 1)			0 c
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
11	Classic	0.0312	lb ai/a	30 EPP
	Express	0.0094	lb ai/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
12	Classic	0.0312	lb ai/a	30 EPP
	Express	0.0094	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
13	Classic	0.0312	lb ai/a	30 EPP
	Express	0.0094	lb ai/a	30 EPP
	Sencor 75DF	0.187	lb ai/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP
14	Classic	0.0312	lb ai/a	30 EPP
	Express	0.0094	lb ai/a	30 EPP
	Sencor 75DF	0.187	lb ai/a	30 EPP
	2,4-D Ester	0.5	lb ae/a	30 EPP
	Crop Oil Conc			30 EPP
	AMS			30 EPP
	Roundup Weathermax	0.77	lb ae/a	3-5 WAP
	AMS			3-5 WAP

# Purdue University

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Assessed By Trt-Eval Interval # Subsamples, Dec.	ERICA  biomas control %control 5/Oct/2004  6-48" <1 M2 Reece & Vince 103 DA-M 0																																																																																																																																																																																																																																																																												
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Trt No.</th> <th style="text-align: left;">Treatment Name</th> <th style="text-align: right;">Rate</th> <th style="text-align: left;">Unit</th> <th style="text-align: left;">Grow Stg</th> <th style="text-align: right;">16</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>Classic</td> <td style="text-align: right;">0.0312</td> <td>lb ai/a</td> <td>30 EPP</td> <td rowspan="7" style="text-align: right; vertical-align: top;">100 a</td> </tr> <tr> <td></td> <td>Express</td> <td style="text-align: right;">0.0094</td> <td>lb ai/a</td> <td>30 EPP</td> </tr> <tr> <td></td> <td>Valor</td> <td style="text-align: right;">0.08</td> <td>lb ai/a</td> <td>30 EPP</td> </tr> <tr> <td></td> <td>Crop Oil Conc</td> <td></td> <td></td> <td>30 EPP</td> </tr> <tr> <td></td> <td>AMS</td> <td></td> <td></td> <td>30 EPP</td> </tr> <tr> <td></td> <td>Roundup Weathermax</td> <td style="text-align: right;">0.77</td> <td>lb ae/a</td> <td>3-5 WAP</td> </tr> <tr> <td></td> <td>AMS</td> <td></td> <td></td> <td>3-5 WAP</td> </tr> <tr> <td>16</td> <td>Classic</td> <td style="text-align: right;">0.0312</td> <td>lb ai/a</td> <td>30 EPP</td> <td rowspan="7" style="text-align: right; 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Weed Code	ERICA
Crop Code	
Part Rated	biomas
Rating Data Type	control
Rating Unit	%control
Rating Date	5/Oct/2004
Crop Stage	
Crop Stage Scale	
Weed Stage	6-48"
Weed Density, Unit	<1 M2
Assessed By	Reece & Vince
Trt-Eval Interval	103 DA-M
# Subsamples, Dec.	0
Replicate F	1.476
Replicate Prob(F)	0.2300
Treatment F	144.639
Treatment Prob(F)	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.