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Residual herbicide rate and timing study in RR corn.

Trial ID: 06S-THP-CTC-17
Location: Throckmorton

Study Dir.: Vince Davis
Investigator: Dr. William G. Johnson

GENERAL TRIAL INFORMATION

Study Director: Vince Davis **Title:** Research Associate
Affiliation: Purdue University
Postal Code: 47907
Investigator: Dr. William G. Johnson **Title:** Associate Professor
Affiliation: Purdue University
Postal Code: 47907

TRIAL LOCATION

City: Lafayette
State/Prov.: IN
Postal Code: 47909-9049
Country: USA
Directions: Field 1

COOPERATOR/LANDOWNER

Cooperator: Throckmorton-Purdue Ag Center (TPAC) **Country:** USA
Org: Purdue University **Phone No:** (765) 538-3422
Address 1: 8343 US 231 South **Fax No:** (765) 538-3423
City: Lafayette
State/Prov: IN
Postal Code: 47909-9049

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

Objective: The objectives of this study are to evaluate three basic herbicide programs ahead of Roundup Ready corn and evaluate the rate structure necessary for two different application timings of residual herbicides.

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMBTR	Giant Ragweed	Ambrosia trifida
2.	ABUTH	Velvetleaf	Abutilon theophrasti
3.	CHEAL	Common lambsquarters	Chenopodium album
4.	PANDI	Fall panicum	Panicum dichotomiflorum

Crop 1: ZEAMX CORN, FIELD **Variety:** DKC 60-18 RR11/YGPL
Planting Date: 8/May/2006 **Planting Method:** Direct Pulled
Rate: 30800 S/A **Depth:** 2 IN
Row Spacing: 30 IN
Soil Temperature: 63 F

SITE AND DESIGN

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 4
Site Type: FIELD
Tillage Type: CONVENTIONAL-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

	Previous Crops	Previous Pesticides	Year
1.	Soy		

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.	24/Apr/2006	28% UAN	28	LB/GAL	L	51	GPA
2.	24/Apr/2006	Tilled					

SOIL DESCRIPTION

% OM: 3.3
pH: 6.3 **Soil Name:** Drummer + Throckmorton Silt
CEC: 12.8

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit
Phosphorus	37	ppm
Potassium	162	ppm
Magnesium	395	ppm
Calcium	1350	ppm

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APPLICATION DESCRIPTION

	A	B	C	D	E
Application Date:	24/Apr/2006	8/May/2006	5/Jun/2006		20/Jun/2006
Time of Day:	4:15PM	9:00PM	4:20PM		
Application Method:	SPRAY	SPRAY	SPRAY		SPRAY
Application Timing:	14dEPP	Prepre	POSPOS		POSPOS
Applic. Placement:	BROSOI	BROSOI	BROFOL		BROFOL
Air Temp., Unit:	79 F	70 F	85 F		85 F
% Relative Humidity:	30	70	35		55
Wind Velocity, Unit:	1.5 MPH		4 MPH		4 MPH
Dew Presence (Y/N):	N		N		N
Water Hardness:	Very Hard	Very Hard	Very Hard		Very Hard
Soil Temp., Unit:	62 F	63 F	80 F		84 F
Soil Moisture:	Dry		Dry		Dry
% Cloud Cover:	10	0	0		100

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E
Crop 1 Code, Stage:	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Stage Scale:	n/a	n/a	V3-V4		V6
Height, Unit:			5.5 IN		27 IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E
Weed 1 Code, Stage:	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
Stage Scale:	n/a	0			
Weed 2 Code, Stage:	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH
Stage Scale:		cotyledon	3", cot		
Density, Unit:		1 YD2	1 YD2		
Weed 3 Code, Stage:	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL
Stage Scale:			cot-4"		
Density, Unit:			8 YD2		
Weed 4 Code, Stage:	PANDI	PANDI	PANDI	PANDI	PANDI
Stage Scale:			1-6"		
Density, Unit:			51 YD2		

APPLICATION EQUIPMENT

	A	B	C	D	E
Appl. Equipment:	BackPack	BackPack	BackPack		BackPack
Operating Pressure:	15 psi	15 psi	15 psi		15 psi
Nozzle Type:	XR	XR	XR		XR
Nozzle Size:	11002	11002	11002		11002
Nozzle Spacing, Unit:	15 IN	15 IN	15 IN		15 IN
Boom Length, Unit:	10 FT	10 FT	10 FT		10 FT
Boom Height, Unit:	15 IN	15 IN	15 IN		15 IN
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH		3 MPH
Carrier:	H2O	H2O	H2O		H2O
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA		15 GPA
Propellant:	CO2	CO2	CO2		CO2

Trial Comments

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Residual herbicide rate and timing study in RR corn.

Trial ID: 06S-THP-CTC-17
 Location: Throckmorton

Study Dir.: Vince Davis
 Investigator: Dr. William G. Johnson

Weed Code								SETFA	SETFA	SETFA	AMARE	AMARE	AMARE	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	
Crop Stage Scale								V6	V6	V6	V6	V6	V6	
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"	
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	
Assessed By														
Trt-Eval Interval								SizeCat1	2	3	SizeCat1	2	3	
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
1	non-treated check							101				18	11	
								403	12	6		42		
								605	3	8		32	5	
								709	4	10		94	4	
								Mean =	6	8	.	47	7	
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	102	1		2	6		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404	17	9		111		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	603	1	1		24		
								705	6	7		33		
								Mean =	6	6	2	44	.	
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	103	5			11		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408	12	1		61		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	604	4	2		51		
								805	2	2		3		
								Mean =	6	2	.	32	.	
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	104	1	5		9		
	Princep 4FL	1	LB AE/A	1	QT/A	14d EPP	A	409	4	5		42		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607	3	1		183		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	706		1		28	1	
								Mean =	3	3	.	66	1	
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	105	2					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307				2		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	501						
								702						
								Mean =	2	.	.	2	.	
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	106						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	509						
								703	1			1		
								Mean =	1	.	.	1	.	
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	107	1			26		
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406	19	1		110		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507	3			7		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	807	2			6		
								Mean =	6	1	.	37	.	
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	108	12			22		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302				23		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	508				1		
								803	2			4		
								Mean =	7	.	.	13	.	

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Weed Code									SETFA	SETFA	SETFA	AMARE	AMARE	AMARE
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date									20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage									24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale									V6	V6	V6	V6	V6	V6
Weed Stage									0-3"	3-6"	6-9"	0-3"	3-6"	6-9"
Weed Density, Unit														
Footnote Number									2	2	2	2	2	2
Assessed By														
Tri-Eval Interval									SizeCat1	2	3	SizeCat1	2	3
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109	1	22		11		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	308		2		28	14	
	non-treated check							601	1	1		38	8	
								801		5		14		
	Mean =								1	8	.	23	11	
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201	3	1		99		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	15	3		65		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506		9		8		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707	2	2		58		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								7	2	.	58	.	
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202	6	2		29		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304	1	6		20		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	8			2		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701		1		17		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								5	3	.	17	.	
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203	4			30		
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306	1			69		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	5			6		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808	1	1		14		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								3	1	.	30	.	
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606				2		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	2	.	
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205	1					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								1	.	.	.	.
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206	3			5		
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	2			7		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503	2			8		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809	1			2		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								2	.	.	6	.	
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207	1			97		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305				13		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504	1			1		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	2			9		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								1	.	.	30	.	

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								SETFA ZEAMX	SETFA ZEAMX	SETFA ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX
Weed Code													
Crop Code													
Rating Data Type													
Rating Unit													
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"
Weed Density, Unit													
Footnote Number								2	2	2	2	2	2
Assessed By													
Tri-Eval Interval								SizeCat1	2	3	SizeCat1	2	3
ARM Action Codes													
# Subsamples, Dec.													
Tri No.	Treatment Name	Rate	Product	Product	Grow	Appl	Plot	1	2	3	4	5	6
17	weed free check						208				4		
	AAIrex	2	LB A/A	2	QT/A	PREPRE B	407	2			2		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	608				5		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	806	2					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	2	.	.	4	.	.
18	weed free check						209	1			3		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	303	2			6		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	602				1		
	AAIrex	2	LB A/A	2	QT/A	PREPRE B	802	3					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	2	.	.	3	.	.

Column 1 Footnote: Density is per 2 meter squared
 Column 2 Footnote: Density is per 2 meter squared
 Column 3 Footnote: Density is per 2 meter squared
 Column 4 Footnote: Density is per 2 meter squared
 Column 5 Footnote: Density is per 2 meter squared
 Column 6 Footnote: Density is per 2 meter squared

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Weed Code								CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	
Crop Stage Scale								V6	V6	V6	V6	V6	V6	
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"	
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	
Assessed By														
Tri-Eval Interval								SizeCat1	2	3	SizeCat1	2	3	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11	12
1	non-treated check							101 403 605 709	5 29 14 1		11 8 7	1 3 2	1 1 2	
	Mean =								12	9	1	2	1	
2	AAtrex Roundup WeatherMAX AMS	1 0.75 2.5	LB A/A LB AE/A LB A/A	1 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	102 404 603 705			2 3		6 3	
	Mean =								4	3	.	5	.	
3	AAtrex Roundup WeatherMAX AMS	2 0.75 2.5	LB A/A LB AE/A LB A/A	2 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	103 408 604 805			1 1		5 3 6	1
	Mean =								5	1	.	5	1	
4	AAtrex Princep 4FL Roundup WeatherMAX AMS	1 1 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1 21.3 2.5	QT/A QT/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E	104 409 607 706	4 10 11				3 3 1 2	1
	Mean =								8	.	.	2	1	
5	Degree Xtra Roundup WeatherMAX AMS	1.5 0.75 2.5	LB A/A LB AE/A LB A/A	1.5 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	105 307 501 702					2 3 3	
	Mean =								9	.	.	3	.	
6	Degree Xtra Roundup WeatherMAX AMS	3 0.75 2.5	LB A/A LB AE/A LB A/A	3 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	106 309 509 703					3 4	2
	Mean =								2	.	.	4	2	
7	AAtrex Balance Pro Roundup WeatherMAX AMS	1 0.047 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1.5 21.3 2.5	QT/A FL OZ/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E	107 406 507 807					1 4	
	Mean =								1	.	.	3	.	
8	GF-1834 Roundup WeatherMAX AMS	0.86 0.75 2.5	LB A/A LB AE/A LB A/A	1.75 21.3 2.5	PT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	108 302 508 803					1 1	
	Mean =								4	.	.	1	.	
9	Roundup WeatherMAX AMS non-treated check	0.375 2.5	LB AE/A LB A/A	10.7 2.5	FL OZ/A LB/A	PREPRE PREPRE	B B	109 308 601 801	7 4 19 16		3 4 1		3 5 5	2
	Mean =								12	3	.	4	2	

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Weed Code									CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date									20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage									24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale									V6	V6	V6	V6	V6	V6
Weed Stage									0-3"	3-6"	6-9"	0-3"	3-6"	6-9"
Weed Density, Unit														
Footnote Number									2	2	2	2	2	2
Assessed By														
Tri-Eval Interval									SizeCat1	2	3	SizeCat1	2	3
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11	12
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201				1		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	4					
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506	8					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707	5			2		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								6	.	.	2	.	.
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202		1				
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304				1		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	9					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701	10			1		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								7	.	.	1	.	.
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203					31	
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	18					
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808	1			7		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								10	.	.	19	.	.
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301				1		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606	14					4
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804				1		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								14	.	.	1	4	.
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205	1				2	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405				1		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609	2	1				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708	3					
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								2	1	.	2	.	.
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206					1	
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401					1	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809	5					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								5	.	.	1	.	.
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305				5		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	1					
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								1	.	.	5	.	.

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								CHEAL ZEAMX	CHEAL ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	ABUTH ZEAMX	ABUTH ZEAMX
Weed Code													
Crop Code													
Rating Data Type													
Rating Unit													
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"
Weed Density, Unit													
Footnote Number								2	2	2	2	2	2
Assessed By													
Tri-Eval Interval								SizeCat1	2	3	SizeCat1	2	3
ARM Action Codes													
# Subsamples, Dec.													
Tri No.	Treatment Name	Rate	Product	Product	Grow	Appl	Plot	7	8	9	10	11	12
17	weed free check						208						
	AAtrex	2	LB A/A	2	QT/A	PREPRE B	407						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	608						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	806	1					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C		12					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	7	.	.	.	.	.
18	weed free check						209						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	303						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	602	28			2		
	AAtrex	2	LB A/A	2	QT/A	PREPRE B	802	31			4		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	30	.	.	3	.	.

Column 7 Footnote: Density is per 2 meter squared

Column 8 Footnote: Density is per 2 meter squared

Column 9 Footnote: Density is per 2 meter squared

Column 10 Footnote: Density is per 2 meter squared

Column 11 Footnote: Density is per 2 meter squared

Column 12 Footnote: Density is per 2 meter squared

Purdue University

Weed Code								IPOSS	IPOSS	IPOSS	SETFA	AMARE	CHEAL	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	
Crop Stage Scale								V6	V6	V6	V6	V6	V6	
Weed Stage								0-3"	3-6"	6-9"				
Weed Density, Unit														
Footnote Number								2	2	2				
Assessed By														
Tri-Eval Interval								SizeCat1	2	3	EFF	EFF	EFF	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	13	14	15	16	17	18
1	non-treated check							101	1			0	0	0
								403				0	0	0
								605	1			0	0	0
								709		1		0	0	0
								Mean =	1	1		0	0	0
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	102	1	1		20	75	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404				30	70	95
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	603	1	1		90	70	60
								705		3		70	60	80
								Mean =	1	2		53	69	84
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	103	2	1		60	75	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408				30	80	95
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	604	3	6		75	85	75
								805				90	90	85
								Mean =	3	4		64	83	89
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	104				50	60	80
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A	409		2		50	25	0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607	2			95	20	85
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	706	1	2		90	95	80
								Mean =	2	2		71	50	61
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	105	1	1		95	98	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307	1			100	98	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	501		1		98	100	85
								702	1			100	95	95
								Mean =	1	1		98	98	95
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	106				100	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309	1			100	95	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	509		1		100	100	90
								703	1	1		100	100	95
								Mean =	1	1		100	99	96
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	107				80	70	100
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406		1		80	80	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507	1			95	90	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	807				93	95	100
								Mean =	1	1		87	84	100
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	108	1	1		70	80	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302	1	1		99	94	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	508	1			98	95	100
								803	1			100	100	100
								Mean =	1	1		92	92	100
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109	1	1		0	0	0
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	308	1	1		20	0	20
	non-treated check							601				80	0	20
								801				20	90	0
								Mean =	1	1		30	23	10

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Weed Code									IPOSS	IPOSS	IPOSS	SETFA	AMARE	CHEAL	
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type															
Rating Unit															
Rating Date									20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	
Crop Stage									24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	
Crop Stage Scale									V6	V6	V6	V6	V6	V6	
Weed Stage									0-3"	3-6"	6-9"				
Weed Density, Unit															
Footnote Number									2	2	2				
Assessed By															
Tri-Eval Interval									SizeCat1	2	3	EFF	EFF	EFF	
ARM Action Codes															
# Subsamples, Dec.															
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	13	14	15	16	17	18	
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201				85	20	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	1			70	80	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506	3			85	95	60	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707		2		90	30	85	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =									2	2		83	56	86
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202	1			90	60	85	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304				95	97	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	5			95	95	75	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701	3			98	90	80	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =									3	.		95	86	85
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203		1		80	75	75	
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306	1	1		98	80	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	3			100	98	80	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808				95	90	80	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
Mean =									2	1		93	86	84	
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204	1	1		100	95	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301		1		100	100	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606	2	1		100	100	95	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804				100	99	98	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =									2	1		100	99	98
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205	2			100	100	90	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405	1			100	95	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609				100	100	70	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708		1		100	100	90	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =									2	1		100	99	88
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206	1			100	95	100	
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	1			99	92	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503	1			100	98	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809		1		99	99	100	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
Mean =									1	1		100	96	100	
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207		1		98	88	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305	2	1		98	98	100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504	2	2		100	98	99	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	6	3		100	95	98	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =									3	2		99	95	99

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								IPOSS ZEAMX	IPOSS ZEAMX	IPOSS ZEAMX	SETFA ZEAMX	AMARE ZEAMX	CHEAL ZEAMX
Weed Code													
Crop Code													
Rating Data Type													
Rating Unit													
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"			
Weed Density, Unit													
Footnote Number								2	2	2			
Assessed By													
Tri-Eval Interval								SizeCat1	2	3	EFF	EFF	EFF
ARM Action Codes													
# Subsamples, Dec.													
Tri No.	Treatment Name	Rate	Product	Product Rate	Grow Stg	Appl Code	Plot	13	14	15	16	17	18
17	weed free check						208	2			100	100	100
	AAIrex	2	LB A/A	2	QT/A	PREPRE B	407				100	98	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	608	2			100	95	98
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	806				99	100	99
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	2	.		100	98	99
18	weed free check						209				100	98	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	303	3			98	99	99
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	602				100	100	90
	AAIrex	2	LB A/A	2	QT/A	PREPRE B	802	1			100	100	99
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E							
	AMS	22	LB A/A	22	LB/A	POSPOS E							
							Mean =	2	.		100	99	97

Column 13 Footnote: Density is per 2 meter squared

Column 14 Footnote: Density is per 2 meter squared

Column 15 Footnote: Density is per 2 meter squared

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Weed Code								ABUTH	IPOSS	SETFA	AMARE	CHEAL	ABUTH	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	
Crop Stage								24-30"	24-30"	6-7'	6-7'	6-7'	6-7'	
Crop Stage Scale								V6	V6	V12	V12	V12	V12	
Weed Stage										24-48"	36-60"	36-70"	24-48"	
Weed Density, Unit										10 YD2	15 YD2	8 YD2	1 YD2	
Footnote Number														
Assessed By														
Tri-Eval Interval								EFF	EFF	EFF	EFF	EFF	EFF	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
1	non-treated check							101	0	0	0	0	0	0
								403	0	0	0	0	0	0
								605	0	0	0	0	0	0
								709	0	0	0	0	0	0
								Mean =	0	0	0	0	0	0
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	102	80	80	100	99	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404	95	95	93	90	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	603	70	70	100	95	95	100
								705	75	70	100	98	100	100
								Mean =	80	79	98	96	99	100
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	103	85	15	100	95	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408	90	95	100	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	604	50	70	100	95	100	100
								805	75	100	100	100	100	100
								Mean =	75	70	100	96	100	100
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	104	70	25	100	90	100	100
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A	409	50	75	100	95	90	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607	90	100	100	95	98	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	706	40	100	100	98	100	100
								Mean =	63	75	100	95	97	100
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	105	80	25	100	100	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307	85	80	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	501	98	75	100	100	100	100
								702	90	90	100	100	100	100
								Mean =	88	68	100	100	100	100
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	106	95	50	100	100	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309	82	90	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	509	95	95	100	100	100	100
								703	90	95	100	100	100	100
								Mean =	91	83	100	100	100	100
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	107	90	80	100	90	100	100
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406	95	95	85	88	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507	99	98	100	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	807	98	95	100	100	100	100
								Mean =	96	92	96	93	100	100
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	108	100	50	98	98	100	98
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302	100	75	100	98	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	508	100	70	100	98	100	100
								803	99	100	100	100	100	100
								Mean =	100	74	100	99	100	100
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109	0	0	10	0	0	50
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	308	20	0	50	0	50	0
	non-treated check							601	50	85	50	50	0	0
								801	85	100	50	50	0	50
								Mean =	39	46	40	25	13	25

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Weed Code									ABUTH	IPOSS	SETFA	AMARE	CHEAL	ABUTH
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date									20/Jun/2006	20/Jun/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006
Crop Stage									24-30"	24-30"	6-7'	6-7'	6-7'	6-7'
Crop Stage Scale									V6	V6	V12	V12	V12	V12
Weed Stage											24-48"	36-60"	36-70"	24-48"
Weed Density, Unit											10 YD2	15 YD2	8 YD2	1 YD2
Footnote Number														
Assessed By														
Tri-Eval Interval									EFF	EFF	EFF	EFF	EFF	EFF
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201	100	75	100	95	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	100	100	100	90	95	98
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506	100	85	98	95	98	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707	85	90	100	98	98	98
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								96	88	100	95	98	99
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202	100	75	100	95	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304	98	98	100	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	100	85	95	90	95	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701	95	98	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								98	89	99	95	99	100
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203	20	40	100	100	100	85
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306	99	95	100	95	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	100	95	98	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808	90	95	100	98	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								77	81	100	97	100	96
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204	60	60	100	100	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301	90	75	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606	90	90	100	100	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804	95	100	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								84	81	100	100	100	100
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205	90	100	100	100	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405	90	100	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609	95	98	100	100	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708	90	95	100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								91	98	100	100	100	100
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206	90	85	100	100	100	100
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	100	95	98	90	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503	100	90	98	90	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809	100	95	100	98	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								98	91	99	95	100	100
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207	100	98	100	98	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305	100	75	100	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504	100	75	98	98	100	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	95	25	100	98	100	100
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								99	68	100	97	100	100

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								ABUTH ZEAMX	IPOSS ZEAMX	SETFA ZEAMX	AMARE ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	
Weed Code														
Crop Code														
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	
Crop Stage								24-30"	24-30"	6-7'	6-7'	6-7'	6-7'	
Crop Stage Scale								V6	V6	V12	V12	V12	V12	
Weed Stage										24-48"	36-60"	36-70"	24-48"	
Weed Density, Unit										10 YD2	15 YD2	8 YD2	1 YD2	
Footnote Number														
Assessed By														
Tri-Eval Interval								EFF	EFF	EFF	EFF	EFF	EFF	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
17	weed free check							208	100	98	100	98	100	100
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	407	100	98	100	95	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	608	100	98	100	98	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	806	99	100	100	99	100	99
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
								Mean =	100	99	100	98	100	100
18	weed free check							209	100	98	100	95	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	303	100	98	99	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	602	100	100	100	98	100	100
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	802	96	100	100	100	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
								Mean =	99	99	100	97	100	100

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Weed Code								IPOSS	AMARE	AMARE	AMARE	AMARE	CHEAL	CHEAL		
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX			
Rating Data Type																
Rating Unit																
Rating Date								10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006		
Crop Stage								6-7'	Mature	Mature						
Crop Stage Scale								V12								
Weed Stage								36-60"								
Weed Density, Unit								2 YD2								
Footnote Number									3	3			3	3		
Assessed By									VM + JM							
Tri-Eval Interval								EFF	Count	Count	%seed	%seed	Count	Count		
ARM Action Codes																
# Subsamples, Dec.																
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	25	26	27	28	29	30	31	
1	non-treated check							101	0	15	3	100	100	2	3	
								403	0	4	2	100	100	17	27	
								605	0	6	5	100	100	5	8	
								709	0	5	6	90	100	8	8	
								Mean =	0	8	4	98	100	8	12	
2	AAtrex Roundup WeatherMAX AMS	1	LB A/A	1	QT/A	14d EPP	A	102	95					0	0	
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404	90	20		20		1		
		2.5	LB A/A	2.5	LB/A	POSPOS	E	603	95	5		0				
								705	75	1		0				
								Mean =	89	9	.	7	.	1	0	
3	AAtrex Roundup WeatherMAX AMS	2	LB A/A	2	QT/A	14d EPP	A	103	83		3		0			
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408	90	1	2	0	50	1		
		2.5	LB A/A	2.5	LB/A	POSPOS	E	604	85	3	11	0	100			
								805	98						1	1
								Mean =	89	2	5	0	50	1	1	
4	AAtrex Princep 4FL Roundup WeatherMAX AMS	1	LB A/A	1	QT/A	14d EPP	A	104	93	3	1	0	0	0	1	
		1	LB A/A	1	QT/A	14d EPP	A	409	90	1	3	0	0	3	2	
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607	90	10	9	30	0			
		2.5	LB A/A	2.5	LB/A	POSPOS	E	706	90	3		0				
								Mean =	91	4	4	8	0	2	2	
5	Degree Xtra Roundup WeatherMAX AMS	1.5	LB A/A	1.5	QT/A	14d EPP	A	105	95							
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307	95							
		2.5	LB A/A	2.5	LB/A	POSPOS	E	501	90	1	2	0	100			
								702	95							
								Mean =	94	1	2	0	100	.	.	
6	Degree Xtra Roundup WeatherMAX AMS	3	LB A/A	3	QT/A	14d EPP	A	106	95							
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309	93					1		
		2.5	LB A/A	2.5	LB/A	POSPOS	E	509	95							
								703	98							
								Mean =	95	.	.	.	.	1	.
7	AAtrex Balance Pro Roundup WeatherMAX AMS	1	LB A/A	1	QT/A	14d EPP	A	107	95	1	2	100	50			
		0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406	85	19		15		1		
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507	98	5	5	20	100	3		
		2.5	LB A/A	2.5	LB/A	POSPOS	E	807	100	3		0				
								Mean =	95	7	4	34	75	2	.	
8	GF-1834 Roundup WeatherMAX AMS	0.86	LB A/A	1.75	PT/A	14d EPP	A	108	98	12		10				
		0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302	95	2	1	50	100			
		2.5	LB A/A	2.5	LB/A	POSPOS	E	508	95	4		100		4		
								803	98							
								Mean =	97	6	1	53	100	4	.	
9	Roundup WeatherMAX AMS non-treated check	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109	0	4	7	100	100	6	5	
		2.5	LB A/A	2.5	LB/A	PREPRE	B	308	25	23	4	98	90	2	6	
								601	0	2	11	100	100	7	13	
								801	50	5		100		7	16	
								Mean =	19	9	7	100	97	6	10	

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								IPOSS ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX	CHEAL ZEAMX	CHEAL ZEAMX	
Weed Code															
Crop Code															
Rating Data Type															
Rating Unit															
Rating Date								10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	
Crop Stage								6-7'	Mature	Mature					
Crop Stage Scale								V12							
Weed Stage								36-60"							
Weed Density, Unit								2 YD2							
Footnote Number									3	3			3	3	
Assessed By									VM + JM						
Tri-Eval Interval								EFF	Count	Count	%seed	%seed	Count	Count	
ARM Action Codes															
# Subsamples, Dec.															
Tri No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	25	26	27	28	29	30	31
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201	98	9		0		1	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	90	30		20		10	2
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506	88	17	2	0	0		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707	98	3	1	100	0		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								94	15	2	30	0	6	2
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202	90	4		50			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304	90	6		0			
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	75	2	13	0	100	5	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701	95					1	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								88	4	13	17	100	3	.
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203	85	19		20			
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306	98	8	4	0	25		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	90	2		0			
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808	100	9		0			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								93	10	4	5	25	.	.
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204	98	0					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301	95						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606	80	2		0			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804	98						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								93	1	.	0	.	.	.
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205	95	0					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405	85						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609	95						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708	98						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								93	0	.	.	.	.	.
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206	95	3		40			
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	95	4		25			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503	93						
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809	100	12		0			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								96	6	.	22	.	.	.
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207	95	2	2	0	0		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305	95	4	8	30	0		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504	80	2		0			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	80	1	2	0	0	1	
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								88	2	4	8	0	1	.

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Weed Code								IPOSS	AMARE	AMARE	AMARE	AMARE	CHEAL	CHEAL
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date								10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								6-7'	Mature	Mature				
Crop Stage Scale								V12						
Weed Stage								36-60"						
Weed Density, Unit								2 YD2						
Footnote Number									3	3			3	3
Assessed By									VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval								EFF	Count	Count	%seed	%seed	Count	Count
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Product	Product	Grow	Appl	Plot	25	26	27	28	29	30	31
		Rate	Unit	Rate	Rate	Unit	Stg							
17	weed free check						208	93	11	1	22	0		
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B 407	95	2	7	50	30		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B 608	98	1	5	0	0		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B 806	100	1	1	0	0	1	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
							Mean =	97	4	4	18	8	1	.
18	weed free check						209	93	17		25			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B 303	95	5		20		1	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B 602	95	6		0			
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B 802	98	1		100			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
							Mean =	95	7	.	36	.	1	.

Column 26 Footnote: Density is per 1 meter squared

Column 27 Footnote: Density is per 1 meter squared

Column 30 Footnote: Density is per 1 meter squared

Column 31 Footnote: Density is per 1 meter squared

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Weed Code								CHEAL	CHELE	ABUTH	ABUTH	ABUTH	ABUTH	IPOSS	
Crop Code								ZEAMX							
Rating Data Type															
Rating Unit															
Rating Date								8/Sep/2006							
Crop Stage															
Crop Stage Scale															
Weed Stage															
Weed Density, Unit															
Footnote Number															
Assessed By								VM + JM							
Tri-Eval Interval								%seed	%seed	Count	Count	%seed	%seed	Count	
ARM Action Codes															
# Subsamples, Dec.															
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	32	33	34	35	36	37	38
1	non-treated check							101	50	100					
								403	100	100	2		50		
								605	100	100					
								709	100	100					1
								Mean =	88	100	2		50		1
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	102	0	0					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404	100						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	603							
								705							
								Mean =	50	0	.		.		.
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	103							2
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408	100						1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	604							1
								805	0	0					1
								Mean =	50	0	.		.		1
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	104	0	100					
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A	409	32	100					1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	706							1
								Mean =	16	100	.		.		1
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	105							1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	501							2
								702							1
								Mean =	.	.	.		.		1
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	106							1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	509							
								703							
								Mean =	.	.	.		.		1
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	107							1
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406	100						1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507	100						1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	807							
								Mean =	100	.	.		.		1
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	108							2
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	508	100						1
								803							
								Mean =	100	.	.		.		2
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109	100	100					
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	308	100	100	2		100		1
	non-treated check							601	100	100					
								801	100	100	1		0		
								Mean =	100	100	2		50		1

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Weed Code									CHEAL	CHELE	ABUTH	ABUTH	ABUTH	ABUTH	IPOSS
Crop Code									ZEAMX						
Rating Data Type															
Rating Unit															
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage															
Crop Stage Scale															
Weed Stage															
Weed Density, Unit											3	3			3
Footnote Number															
Assessed By									VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval									%seed	%seed	Count	Count	%seed	%seed	Count
ARM Action Codes															
# Subsamples, Dec.															
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	32	33	34	35	36	37	38
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201	100						1
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402	100	100					1
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506							3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								100	100	.	.	.	.	2
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	100						4
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701	0						
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								50	.	.	.	.	.	4
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203							1
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306							1
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								.	.	.	.	.	.	1
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606							1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								.	.	.	.	.	.	1
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405							1
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609							1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708							1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								.	.	.	.	.	.	1
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206							
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	100						1
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503							1
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								100	.	.	.	.	.	1
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	100						1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								100	1

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Weed Code								CHEAL	CHELE	ABUTH	ABUTH	ABUTH	ABUTH	IPOSS
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number										3	3			3
Assessed By								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval								%seed	%seed	Count	Count	%seed	%seed	Count
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Product	Product	Grow	Appl	Plot	32	33	34	35	36	37	38
		Rate	Unit	Rate	Unit	Stg								
17	weed free check						208							
	AAtrex	2	LB A/A	2	QT/A	PREPRE B	407							3
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	608							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	806	0						
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C								
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C								
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D								
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D								
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E								
	AMS	22	LB A/A	22	LB/A	POSPOS E								
							Mean =	0	.	.	.	.	.	3
18	weed free check						209							1
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE B	303	100						1
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE B	602							
	AAtrex	2	LB A/A	2	QT/A	PREPRE B	802							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR C								
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR C								
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR D								
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR D								
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS E								
	AMS	22	LB A/A	22	LB/A	POSPOS E								
							Mean =	100	.	.	.	.	.	1

Column 34 Footnote: Density is per 1 meter squared

Column 35 Footnote: Density is per 1 meter squared

Column 38 Footnote: Density is per 1 meter squared

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Weed Code								IPOSS	IPOSS	IPOSS	SETFA	SETFA	SETFA	SETFA	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type															
Rating Unit															
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	
Crop Stage															
Crop Stage Scale															
Weed Stage															
Weed Density, Unit															
Footnote Number															
Assessed By								3	3	3	3	3	3	3	
Tri-Eval Interval								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	
ARM Action Codes								Count	%seed	%seed	Count	Count	%seed	%seed	
# Subsamples, Dec.															
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	39	40	41	42	43	44	45
1	non-treated check							101 403 605 709				2 4 7		100 100 100	100
	Mean =							.		100	.	4	5	100	100
2	AAtrex Roundup WeatherMAX AMS	1 0.75 2.5	LB A/A LB AE/A LB A/A	1 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	102 404 603 705				3	2	100	50
	Mean =							.		.		3	2	100	50
3	AAtrex Roundup WeatherMAX AMS	2 0.75 2.5	LB A/A LB AE/A LB A/A	2 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	103 408 604 805	1		50 100 0 100				
	Mean =							1		63	100	.	.	.	.
4	AAtrex Princep 4FL Roundup WeatherMAX AMS	1 1 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1 21.3 2.5	QT/A QT/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E	104 409 607 706			0 0 0 0				
	Mean =							.		0	.	.	.	.	.
5	Degree Xtra Roundup WeatherMAX AMS	1.5 0.75 2.5	LB A/A LB AE/A LB A/A	1.5 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	105 307 501 702		100 0 0		1 2		100 50	
	Mean =							2		25	100	2	.	75	.
6	Degree Xtra Roundup WeatherMAX AMS	3 0.75 2.5	LB A/A LB AE/A LB A/A	3 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	106 309 509 703			0 0 0				
	Mean =							.		0	.	.	.	.	.
7	AAtrex Balance Pro Roundup WeatherMAX AMS	1 0.047 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1.5 21.3 2.5	QT/A FL OZ/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E	107 406 507 807			0 100 0	10	1	80	100
	Mean =							.		33	.	10	1	80	100
8	GF-1834 Roundup WeatherMAX AMS	0.86 0.75 2.5	LB A/A LB AE/A LB A/A	1.75 21.3 2.5	PT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	108 302 508 803	1		100 100	1 1		100 100	
	Mean =							1		100	100	1	.	100	.
9	Roundup WeatherMAX AMS non-treated check	0.375 2.5	LB AE/A LB A/A	10.7 2.5	FL OZ/A LB/A	PREPRE PREPRE	B B	109 308 601 801				1 1 8	2	100 100 100	100 100
	Mean =							.		100	.	3	2	100	100

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Weed Code									IPOSS	IPOSS	IPOSS	SETFA	SETFA	SETFA	SETFA
Crop Code									ZEAMX						
Rating Data Type															
Rating Unit															
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage															
Crop Stage Scale															
Weed Stage															
Weed Density, Unit															
Footnote Number															
Assessed By															
Tri-Eval Interval									3			3	3		
ARM Action Codes									VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
# Subsamples, Dec.									Count	%seed	%seed	Count	Count	%seed	%seed
Tri	Treatment	Rate	Product	Product	Grow	Appl	Plot		39	40	41	42	43	44	45
No.	Name	Rate	Unit	Rate	Rate	Stg	Code								
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201		100					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402		100		2		100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506	3	0	66				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707		100					
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								3	75	66	2	.	100	.
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505	1	0	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								1	0	100	.	.	.	.
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203	1	0	0				
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306		0					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502	2		100	2		100	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								2	0	50	2	.	100	.
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606		100					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804		0					
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								.	50	.	.	.	.	.
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405		100					
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609		0					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708	1	0	100				
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								1	33	100	.	.	.	.
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206							
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401	1	0	0				
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503		0		1	2	100	100
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E								
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								1	0	0	1	2	100	100
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504	2	100		2		100	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704	3	0	60				
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E								
	Mean =								3	50	60	2	.	100	.

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Weed Code								IPOSS	IPOSS	IPOSS	SETFA	SETFA	SETFA	SETFA
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number														
Assessed By								3			3			
Tri-Eval Interval								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
ARM Action Codes								Count	%seed	%seed	Count	Count	%seed	%seed
# Subsamples, Dec.														
Tri	Treatment	Rate	Product	Product	Grow	Appl	Plot	39	40	41	42	43	44	45
No.	Name	Rate	Unit	Rate	Rate Unit	Stg	Code							
17	weed free check						208							
	AAIrex	2	LB A/A	2	QT/A	PREPRE	B 407		100					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B 608							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B 806							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
							Mean =	.	100	.	.	.	.	.
18	weed free check						209				1	2	100	100
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B 303	1	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B 602							
	AAIrex	2	LB A/A	2	QT/A	PREPRE	B 802				1		100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
							Mean =	1	50	100	1	2	100	100

Column 39 Footnote: Density is per 1 meter squared

Column 42 Footnote: Density is per 1 meter squared

Column 43 Footnote: Density is per 1 meter squared

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Weed Code									SIDSP	SIDSP	SIDSP	SIDSP	ZEAMX	ZEAMX
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	YIELD	YIELD
Rating Data Type													LB	BU
Rating Unit														
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	9/Nov/2006	9/Nov/2006
Crop Stage													Harvest	Harvest
Crop Stage Scale														
Weed Stage														
Weed Density, Unit													1	1
Footnote Number														
Assessed By									3	3				
Tri-Eval Interval									VM + JM	VM + JM	VM + JM	VM + JM		
ARM Action Codes									Count	Count	%seed	%seed		
# Subsamples, Dec.														TY1
														1
Tri	Treatment	Rate	Product	Product	Grow	Appl	Plot		46	47	48	49	50	51
No.	Name	Rate	Unit	Rate	Rate Unit	Stg	Code							
1	non-treated check							101					23	140.3
								403	1	1	100	100	16	98.6
								605					31	191.2
								709					33	201.6
								Mean =	1	1	100	100	26	157.9
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	102					35	216.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	404					33	200.4
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	603					36	223.0
								705					32	194.2
								Mean =	.	.	.	.	34	208.5
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	103	1		0		34	205.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	408	1		100		35	211.4
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	604					36	220.0
								805					37	226.1
								Mean =	1	.	50	.	35	215.7
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	104					31	190.6
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A	409					36	223.0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	607					33	201.6
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	706					34	210.2
								Mean =	.	.	.	.	34	206.3
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	105					31	191.8
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	307					33	201.0
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	501					37	224.3
								702					35	215.1
								Mean =	.	.	.	.	34	208.0
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	106					30	183.2
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	309					38	234.7
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	509					36	222.4
								703					34	209.5
								Mean =	.	.	.	.	35	212.5
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	107					27	166.0
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A	406					33	199.7
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	507					36	218.1
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	807					38	231.6
								Mean =	.	.	.	.	33	203.9
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	108					34	209.5
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	302					32	196.7
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E	508					34	208.9
								803					36	222.4
								Mean =	.	.	.	.	34	209.4
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	109					14	86.4
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	308					32	197.9
	non-treated check							601			0		31	186.9
								801	1				34	206.5
								Mean =	1	.	0	.	28	169.4

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Weed Code									SIDSP	SIDSP	SIDSP	SIDSP	ZEAMX	ZEAMX
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	YIELD	YIELD
Rating Data Type													LB	BU
Rating Unit														
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	9/Nov/2006	9/Nov/2006
Crop Stage													Harvest	Harvest
Crop Stage Scale														
Weed Stage														
Weed Density, Unit													1	1
Footnote Number														
Assessed By									3	3				
Tri-Eval Interval									VM + JM	VM + JM	VM + JM	VM + JM		
ARM Action Codes									Count	Count	%seed	%seed		
# Subsamples, Dec.														TY1
														1
Tri	Treatment	Rate	Product	Product	Grow	Appl	Plot		46	47	48	49	50	51
No.	Name	Rate	Unit	Rate	Rate Unit	Stg	Code							
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	201	1		0		33	201.6
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	402					33	199.7
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	506					27	166.7
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	707					36	221.2
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								1	.	0	.	32	197.3
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	202					34	210.8
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	304					38	230.4
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	505					34	205.9
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	701					35	214.4
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	.	35	215.4
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	203					36	221.8
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B	306					36	217.5
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	502					35	216.3
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	808					37	225.5
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	.	36	220.3
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	204					34	210.8
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	301					38	231.0
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	606					36	221.8
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	804					37	227.9
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	.	36	222.9
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	205					35	215.7
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	405					31	186.9
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	609					36	223.0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	708					35	213.8
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	.	34	209.9
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	206					33	204.0
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B	401					33	202.2
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	503					31	188.1
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	809					37	224.9
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								.	.	.	.	33	204.8
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	207					33	200.4
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	305					35	212.0
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	504					33	199.1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E	704					34	210.2
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
	Mean =								34	205.4

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Weed Code								SIDSP	SIDSP	SIDSP	SIDSP	ZEAMX	ZEAMX	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	YIELD	YIELD	
Rating Data Type												LB	BU	
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	9/Nov/2006	9/Nov/2006	
Crop Stage												Harvest	Harvest	
Crop Stage Scale														
Weed Stage														
Weed Density, Unit												1	1	
Footnote Number								3	3					
Assessed By								VM + JM	VM + JM	VM + JM	VM + JM			
Tri-Eval Interval								Count	Count	%seed	%seed			
ARM Action Codes													TY1	
# Subsamples, Dec.													1	
Tri	Treatment	Rate	Product	Product	Grow	Appl	Plot	46	47	48	49	50	51	
No.	Name	Rate	Unit	Rate	Unit	Stg	Code							
17	weed free check											34	208.3	
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	407				33	200.4	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	608				34	207.1	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	806				37	224.3	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
								Mean =	34	210.0
18	weed free check							209				34	206.5	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	303				36	221.8	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B	602				36	218.7	
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	802				38	231.0	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
								Mean =	36	219.5

Column 46 Footnote: Density is per 1 meter squared

Column 47 Footnote: Density is per 1 meter squared

Column 50 Footnote: Harvested 2 rows by 25 feet

Column 51: TY1 = 6.127121*[50]

Footnote: Harvested 2 rows by 25 feet

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Residual herbicide rate and timing study in RR corn.

Trial ID: 06S-THP-CTC-17
 Location: Throckmorton

Study Dir.: Vince Davis
 Investigator: Dr. William G. Johnson

								SETFA	SETFA	SETFA	AMARE	AMARE	AMARE	CHEAL
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Weed Code														
Crop Code														
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"	0-3"
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	2
Assessed By														
Trt-Eval Interval								SizeCat1	2	3	SizeCat1	2	3	SizeCat1
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
1	non-treated check							6 a	8 a	.	47 abc	7		12 bc
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	6 a	6 a	2	44 abc			4 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	6 a	2 a	.	32 abc			5 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	3 a	3 a	.	66 a	1		8 bcd
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	2 a		.	2 c			9 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	1 a		.	1 c			2 d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	6 a	1 a	.	37 abc			1 d
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	7 a		.	13 bc			4 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	1 a	8 a	.	23 abc	11		12 bcd
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	non-treated check													
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	7 a	2 a	.	58 ab			6 bcd
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	5 a	3 a	.	17 abc			7 bcd
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							

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								SETFA ZEAMX	SETFA ZEAMX	SETFA ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX	CHEAL ZEAMX
Weed Code														
Crop Code														
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"	0-3"
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	2
Assessed By														
Tri-Eval Interval								SizeCat1	2	3	SizeCat1	2	3	SizeCat1
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	3 a	1 a	.	30 abc			10 bcd
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B			.	2 c			14 b
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	1 a		.				2 cd
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	2 a		.	6 bc			5 bcd
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	1 a		.	30 abc			1 d
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
17	weed free check							2 a		.	4 c			7 bcd
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							

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Weed Code								SETFA	SETFA	SETFA	AMARE	AMARE	AMARE	CHEAL
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale								V6	V6	V6	V6	V6	V6	V6
Weed Stage								0-3"	3-6"	6-9"	0-3"	3-6"	6-9"	0-3"
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	2
Assessed By														
Tri-Eval Interval								SizeCat1	2	3	SizeCat1	2	3	SizeCat1
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Product	Product	Grow	Appl		1	2	3	4	5	6	7
		Rate	Unit	Rate	Rate Unit	Stg	Code							
18	weed free check							2 a			3 c			30 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	AAIrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
LSD (P=.05)								6.6	7.6	.	52.2	.	.	10.7
Standard Deviation								4.5	5.0	.	36.5	.	.	7.2
CV								125.25	136.34	.	150.86	.	.	95.74
Grand Mean								3.62	3.65	2.0	24.19	3.58	.	7.52
Bartlett's X2								27.034	19.962	.	48.608	.	.	18.04
P(Bartlett's X2)								0.005*	0.003*	.	0.001*	.	.	0.081
Replicate F								2.029	0.575		0.791			0.391
Replicate Prob(F)								0.1326	0.6413		0.5065			0.7609
Treatment F								1.096	1.200		1.294			3.479
Treatment Prob(F)								0.4032	0.3698		0.2518			0.0070

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

- Column 1 Footnote: Density is per 2 meter squared
- Column 2 Footnote: Density is per 2 meter squared
- Column 3 Footnote: Density is per 2 meter squared
- Column 4 Footnote: Density is per 2 meter squared
- Column 5 Footnote: Density is per 2 meter squared
- Column 6 Footnote: Density is per 2 meter squared
- Column 7 Footnote: Density is per 2 meter squared

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Weed Code							CHEAL	CHEAL	ABUTH	ABUTH	ABUTH	IPOSS	IPOSS	
Crop Code							ZEAMX							
Rating Data Type														
Rating Unit														
Rating Date							20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage							24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale							V6	V6	V6	V6	V6	V6	V6	V6
Weed Stage							3-6"	6-9"	0-3"	3-6"	6-9"	0-3"	3-6"	
Weed Density, Unit														
Footnote Number							2	2	2	2	2	2	2	
Assessed By														
Tri-Eval Interval							2	3	SizeCat1	2	3	SizeCat1	2	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	8	9	10	11	12	13	14
1	non-treated check							9 a	1	2 b	1		1 c	1 b
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	3 b		5 b			1 c	2 ab
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	1 b		5 b	1		3 abc	4 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A			2 b	1		2 bc	2 ab
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A			3 b			1 c	1 b
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A			4 b	2		1 c	1 b
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A			3 b			1 c	1 b
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A			1 b			1 c	1 b
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	3 b		4 b	2		1 c	1 b
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	non-treated check													
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B			2 b			2 abc	2 ab
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B			1 b			3 ab	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B			19 a			2 abc	1 b
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							

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Weed Code	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH	IPOSS	IPOSS
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type							
Rating Unit							
Rating Date	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale	V6	V6	V6	V6	V6	V6	V6
Weed Stage	3-6"	6-9"	0-3"	3-6"	6-9"	0-3"	3-6"
Weed Density, Unit							
Footnote Number	2	2	2	2	2	2	2
Assessed By							
Tri-Eval Interval	2	3	SizeCat1	2	3	SizeCat1	2
ARM Action Codes							
# Subsamples, Dec.							
Tri Treatment	Rate	Product	Product	Grow	Appl		
No. Name	Rate Unit	Rate Unit	Rate Unit	Stg	Code	8	9
13 Degree Xtra	1.5 LB A/A	1.5 QT/A	1.5 QT/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	POSPOS	E		
14 Degree Xtra	3 LB A/A	3 QT/A	3 QT/A	PREPRE	B	1 b	
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	POSPOS	E		
15 AAtrex	1 LB A/A	1 QT/A	1 QT/A	PREPRE	B		
Balance Pro	0.047 LB A/A	1.5 FL OZ/A	1.5 FL OZ/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	POSPOS	E		
16 GF-1834	0.86 LB A/A	1.75 PT/A	1.75 PT/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	POSPOS	E		
17 weed free check							
AAtrex	2 LB A/A	2 QT/A	2 QT/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	EAPOCR	C		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	EAPOCR	C		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	MIPOCR	D		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	MIPOCR	D		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	22 LB A/A	22 LB/A	22 LB/A	POSPOS	E		
18 weed free check							
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	PREPRE	B		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	PREPRE	B		
AAtrex	2 LB A/A	2 QT/A	2 QT/A	PREPRE	B		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	EAPOCR	C		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	EAPOCR	C		
Roundup WeatherMAX	0.375 LB AE/A	10.7 FL OZ/A	10.7 FL OZ/A	MIPOCR	D		
AMS	2.5 LB A/A	2.5 LB/A	2.5 LB/A	MIPOCR	D		
Roundup WeatherMAX	0.75 LB AE/A	21.3 FL OZ/A	21.3 FL OZ/A	POSPOS	E		
AMS	22 LB A/A	22 LB/A	22 LB/A	POSPOS	E		
LSD (P=.05)	4.1	.	5.9	.	.	1.6	1.9
Standard Deviation	1.8	.	4.0	.	.	1.1	1.2
CV	57.27	.	112.19	.	.	68.38	86.82
Grand Mean	3.17	1.0	3.55	0.58	.	1.63	1.39
Bartlett's X2	1.117	.	37.824	.	.	3.762	3.612
P(Bartlett's X2)	0.572	.	0.001*	.	.	0.878	0.164

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Weed Code	CHEAL ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	ABUTH ZEAMX	ABUTH ZEAMX	IPOSS ZEAMX	IPOSS ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006
Crop Stage	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"
Crop Stage Scale	V6	V6	V6	V6	V6	V6	V6
Weed Stage	3-6"	6-9"	0-3"	3-6"	6-9"	0-3"	3-6"
Weed Density, Unit							
Footnote Number	2	2	2	2	2	2	2
Assessed By							
Tri-Eval Interval	2	3	SizeCat1	2	3	SizeCat1	2
ARM Action Codes							
# Subsamples, Dec.							
Replicate F	0.402		0.235			0.492	0.408
Replicate Prob(F)	0.7631		0.8708			0.6917	0.7503
Treatment F	12.264		4.470			1.764	1.350
Treatment Prob(F)	0.0334		0.0013			0.1123	0.3125

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

- Column 8 Footnote: Density is per 2 meter squared
- Column 9 Footnote: Density is per 2 meter squared
- Column 10 Footnote: Density is per 2 meter squared
- Column 11 Footnote: Density is per 2 meter squared
- Column 12 Footnote: Density is per 2 meter squared
- Column 13 Footnote: Density is per 2 meter squared
- Column 14 Footnote: Density is per 2 meter squared

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Weed Code								IPOSS	SETFA	AMARE	CHEAL	ABUTH	IPOSS	SETFA
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	10/Jul/2006
Crop Stage								24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	6-7"
Crop Stage Scale								V6	V6	V6	V6	V6	V6	V12
Weed Stage								6-9"						24-48"
Weed Density, Unit														10 YD2
Footnote Number								2						
Assessed By														
Tri-Eval Interval								3	EFF	EFF	EFF	EFF	EFF	EFF
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	15	16	17	18	19	20	21
1	non-treated check								0 f	0 d	0 c	0 f	0 e	0 c
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A		53 d	69 bc	84 a	80 a-d	79 abc	98 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A		64 cd	83 ab	89 a	75 cd	70 bcd	100 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A		71 bc	50 c	61 b	63 d	75 a-d	100 a
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A		98 a	98 a	95 a	88 abc	68 cd	100 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A		100 a	99 a	96 a	91 abc	83 abc	100 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A		87 ab	84 ab	100 a	96 abc	92 abc	96 a
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A		92 a	92 ab	100 a	100 a	74 a-d	100 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		30 e	23 d	10 c	39 e	46 d	40 b
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	non-treated check													
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B		83 ab	56 c	86 a	96 abc	88 abc	100 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B		95 a	86 ab	85 a	98 ab	89 abc	99 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B		93 a	86 ab	84 a	77 bcd	81 abc	100 a
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							

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Weed Code	IPOSS ZEAMX	SETFA ZEAMX	AMARE ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	IPOSS ZEAMX	SETFA ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	20/Jun/2006	10/Jul/2006
Crop Stage	24-30"	24-30"	24-30"	24-30"	24-30"	24-30"	6-7'
Crop Stage Scale	V6	V6	V6	V6	V6	V6	V12
Weed Stage	6-9"						24-48"
Weed Density, Unit							10 YD2
Footnote Number	2						
Assessed By							
Tri-Eval Interval	3	EFF	EFF	EFF	EFF	EFF	EFF
ARM Action Codes							
# Subsamples, Dec.							
Replicate F		5.921	1.992	1.415	1.437	6.515	0.652
Replicate Prob(F)		0.0015	0.1269	0.2492	0.2428	0.0008	0.5854
Treatment F		18.291	11.729	20.733	11.580	5.183	103.894
Treatment Prob(F)		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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

Column 15 Footnote: Density is per 2 meter squared

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Weed Code								AMARE	CHEAL	ABUTH	IPOSS	AMARE	AMARE	AMARE
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date								10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								6-7'	6-7'	6-7'	6-7'	Mature	Mature	
Crop Stage Scale								V12	V12	V12	V12			
Weed Stage								36-60"	36-70"	24-48"	36-60"			
Weed Density, Unit								15 YD2	8 YD2	1 YD2	2 YD2			
Footnote Number												3	3	
Assessed By												VM + JM	VM + JM	VM + JM
Tri-Eval Interval								EFF	EFF	EFF	EFF	Count	Count	%seed
ARM Action Codes														
# Subsamples, Dec.														
Tri	Treatment	Rate	Product	Product	Grow	Appl		22	23	24	25	26	27	28
No.	Name	Rate	Unit	Rate	Rate Unit	Stg	Code							
1	non-treated check							0 c	0 c	0 c	0 c	8 ab	4 bc	98 a
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	96 a	99 a	100 a	89 a	9 ab		7 c
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	96 a	100 a	100 a	89 a	2 b	5 bc	0 c
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	95 a	97 a	100 a	91 a	4 b	4 bc	8 c
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	100 a	100 a	100 a	94 a	1 b	2 c	0 c
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	100 a	100 a	100 a	95 a			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	93 a	100 a	100 a	95 a	7 ab	4 bc	34 bc
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	99 a	100 a	100 a	97 a	6 ab	1 c	53 b
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	25 b	13 b	25 b	19 b	9 ab	7 b	100 a
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	non-treated check													
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	95 a	98 a	99 a	94 a	15 a	2 c	30 bc
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	95 a	99 a	100 a	88 a	4 b	13 a	17 bc
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	97 a	100 a	96 a	93 a	10 ab	4 bc	5 c
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							

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								AMARE ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	IPOSS ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX
Weed Code														
Crop Code														
Rating Data Type														
Rating Unit														
Rating Date								10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								6-7'	6-7'	6-7'	6-7'	Mature	Mature	
Crop Stage Scale								V12	V12	V12	V12			
Weed Stage								36-60"	36-70"	24-48"	36-60"			
Weed Density, Unit								15 YD2	8 YD2	1 YD2	2 YD2			
Footnote Number												3	3	
Assessed By												VM + JM Count	VM + JM Count	VM + JM %seed
Tri-Eval Interval								EFF	EFF	EFF	EFF			
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate Rate	Unit Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	22	23	24	25	26	27	28
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	100 a	100 a	100 a	93 a	1 b		0 c
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	100 a	100 a	100 a	93 a	0 b		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	95 a	100 a	100 a	96 a	6 ab		22 bc
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	97 a	100 a	100 a	88 a	2 b	4 bc	8 c
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
17	weed free check							98 a	100 a	100 a	97 a	4 b	4 bc	18 bc
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
18	weed free check							97 a	100 a	100 a	95 a	7 ab		36 bc
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
LSD (P=.05)								9.9	8.7	10.1	10.7	9.6	4.8	42.4
Standard Deviation								7.0	6.1	7.1	7.5	6.6	3.2	29.4
CV								7.98	6.88	7.9	9.04	120.53	70.96	108.48
Grand Mean								87.54	89.15	89.97	83.47	5.51	4.46	27.08
Bartlett's X2								69.222	28.486	47.389	49.121	19.568	4.686	37.425
P(Bartlett's X2)								0.001*	0.001*	0.001*	0.001*	0.144	0.698	0.001*

Purdue University

Weed Code	AMARE ZEAMX	CHEAL ZEAMX	ABUTH ZEAMX	IPOSS ZEAMX	AMARE ZEAMX	AMARE ZEAMX	AMARE ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	10/Jul/2006	10/Jul/2006	10/Jul/2006	10/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage	6-7'	6-7'	6-7'	6-7'	Mature	Mature	
Crop Stage Scale	V12	V12	V12	V12			
Weed Stage	36-60"	36-70"	24-48"	36-60"			
Weed Density, Unit	15 YD2	8 YD2	1 YD2	2 YD2			
Footnote Number					3	3	
Assessed By					VM + JM Count	VM + JM Count	VM + JM %seed
Tri-Eval Interval	EFF	EFF	EFF	EFF			
ARM Action Codes							
# Subsamples, Dec.							
Replicate F	2.857	0.657	0.653	2.732	1.493	1.461	0.149
Replicate Prob(F)	0.0461	0.5824	0.5850	0.0533	0.2340	0.2708	0.9297
Treatment F	62.947	97.268	64.388	52.386	1.309	4.041	4.672
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.2477	0.0098	0.0001

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

Column 26 Footnote: Density is per 1 meter squared

Column 27 Footnote: Density is per 1 meter squared

Purdue University

Weed Code								AMARE	CHEAL	CHEAL	CHEAL	CHELE	ABUTH	ABUTH
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number									3	3			3	3
Assessed By								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval								%seed	Count	Count	%seed	%seed	Count	Count
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	29	30	31	32	33	34	35
1	non-treated check							100 a	8 a	12 a	88 a	100 a	2	
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A		1 b	0 a	50 ab	0 b		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	50 bc	1 ab	1 a	50 ab	0 b		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	0 d	2 ab	2 a	16 b	100 a		
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	100 a						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A		1 ab					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	75 ab	2 ab		100 a			
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	100 a	4 ab		100 a			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	97 a	6 ab	10 a	100 a	100 a	2	
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	non-treated check													
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	0 d	6 ab	2 a	100 a	100 a		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	100 a	3 ab		50 ab			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	25 cd						
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							

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Weed Code								AMARE	CHEAL	CHEAL	CHEAL	CHELE	ABUTH	ABUTH
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number									3	3			3	3
Assessed By								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval								%seed	Count	Count	%seed	%seed	Count	Count
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	29	30	31	32	33	34	35
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B				100 a			
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	0 d	1 ab		100 a			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
17	weed free check							8 d	1 ab		0 b			
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
18	weed free check								1 ab		100 a			
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
LSD (P=.05)								32.9	7.1	18.8	64.0	0.0	.	.
Standard Deviation								21.5	4.4	9.6	40.0	0.0	.	.
CV								39.49	165.15	220.67	54.54	0.0	.	.
Grand Mean								54.51	2.69	4.33	73.35	66.67	1.25	.
Bartlett's X2								7.824	7.36	5.038	3.359	0.0	.	.
P(Bartlett's X2)								0.05*	0.289	0.081	0.50	.	.	.

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Weed Code	AMARE ZEAMX	CHEAL ZEAMX	CHEAL ZEAMX	CHEAL ZEAMX	CHELE ZEAMX	ABUTH ZEAMX	ABUTH ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage							
Crop Stage Scale							
Weed Stage							
Weed Density, Unit							
Footnote Number		3	3			3	3
Assessed By	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval	%seed	Count	Count	%seed	%seed	Count	Count
ARM Action Codes							
# Subsamples, Dec.							
Replicate F	0.695	0.347	0.211	0.621	0.000		
Replicate Prob(F)	0.5716	0.7924	0.8844	0.6187	1.0000		
Treatment F	17.643	1.126	1.110	3.224	0.000		
Treatment Prob(F)	0.0001	0.4385	0.4730	0.0435	1.0000		

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

Column 30 Footnote: Density is per 1 meter squared

Column 31 Footnote: Density is per 1 meter squared

Column 34 Footnote: Density is per 1 meter squared

Column 35 Footnote: Density is per 1 meter squared

Purdue University

Weed Code							ABUTH	ABUTH	IPOSS	IPOSS	IPOSS	IPOSS	SETFA	
Crop Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type														
Rating Unit														
Rating Date							8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number									3	3				3
Assessed By							VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval							%seed	%seed	Count	Count	%seed	%seed	Count	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	36	37	38	39	40	41	42
1	non-treated check							50		1 c		100 a		4 ab
2	AAtrex Roundup WeatherMAX AMS	1 0.75 2.5	LB A/A LB AE/A LB A/A	1 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E							3 b
3	AAtrex Roundup WeatherMAX AMS	2 0.75 2.5	LB A/A LB AE/A LB A/A	2 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E			1 c	1	63 abc	100	
4	AAtrex Princep 4FL Roundup WeatherMAX AMS	1 1 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1 21.3 2.5	QT/A QT/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E			1 c		0 c		
5	Degree Xtra Roundup WeatherMAX AMS	1.5 0.75 2.5	LB A/A LB AE/A LB A/A	1.5 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E			1 c	2	25 bc	100	2 b
6	Degree Xtra Roundup WeatherMAX AMS	3 0.75 2.5	LB A/A LB AE/A LB A/A	3 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E			1 c		0 c		
7	AAtrex Balance Pro Roundup WeatherMAX AMS	1 0.047 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1.5 21.3 2.5	QT/A FL OZ/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E			1 c		33 abc		10 a
8	GF-1834 Roundup WeatherMAX AMS	0.86 0.75 2.5	LB A/A LB AE/A LB A/A	1.75 21.3 2.5	PT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E			2 c	1	100 a	100	1 b
9	Roundup WeatherMAX AMS non-treated check	0.375 2.5	LB AE/A LB A/A	10.7 2.5	FL OZ/A LB/A	PREPRE PREPRE	B B	50		1 c		100 a		3 b
10	AAtrex Roundup WeatherMAX AMS Roundup WeatherMAX AMS	1 0.375 2.5 0.75 2.5	LB A/A LB AE/A LB A/A LB AE/A LB A/A	1 10.7 2.5 21.3 2.5	QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE POSPOS POSPOS	B B B E E			2 c	3	75 ab	66	2 b
11	AAtrex Roundup WeatherMAX AMS Roundup WeatherMAX AMS	2 0.375 2.5 0.75 2.5	LB A/A LB AE/A LB A/A LB AE/A LB A/A	2 10.7 2.5 21.3 2.5	QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE POSPOS POSPOS	B B B E E			4 a	1	0 c	100	
12	AAtrex Princep 4FL Roundup WeatherMAX AMS Roundup WeatherMAX AMS	1 1 0.375 2.5 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A LB AE/A LB A/A	1 1 10.7 2.5 21.3 2.5	QT/A QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE PREPRE POSPOS POSPOS	B B B B E E			1 c	2	0 c	50	2 b

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Weed Code							ABUTH	ABUTH	IPOSS	IPOSS	IPOSS	IPOSS	SETFA	
Crop Code							ZEAMX							
Rating Data Type														
Rating Unit														
Rating Date							8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number									3	3				3
Assessed By							VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval							%seed	%seed	Count	Count	%seed	%seed	Count	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	36	37	38	39	40	41	42
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B			1 c		50 abc		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B			1 c	1	33 abc	100	
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B			1 c	1	0 c	0	1 b
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B			1 c	3	50 abc	60	2 b
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
17	weed free check									3 b		100 a		
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
18	weed free check									1 c	1	50 abc	100	1 b
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
LSD (P=.05)							.	.	0.8	.	72.7	.	6.0	
Standard Deviation							.	.	0.5	.	49.1	.	3.1	
CV							.	.	37.1	.	107.14	.	108.38	
Grand Mean							37.5	.	1.38	0.5	45.83	23.15	2.83	
Bartlett's X2							.	.	2.009	.	0.612	.	2.413	
P(Bartlett's X2)							.	.	0.571	.	0.999	.	0.299	

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Weed Code	ABUTH ZEAMX	ABUTH ZEAMX	IPOSS ZEAMX	IPOSS ZEAMX	IPOSS ZEAMX	IPOSS ZEAMX	SETFA ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage							
Crop Stage Scale							
Weed Stage							
Weed Density, Unit							
Footnote Number			3	3			3
Assessed By	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval	%seed	%seed	Count	Count	%seed	%seed	Count
ARM Action Codes							
# Subsamples, Dec.							
Replicate F			0.335		0.607		0.287
Replicate Prob(F)			0.7999		0.6185		0.8335
Treatment F			10.586		2.505		2.878
Treatment Prob(F)			0.0001		0.0292		0.1601

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

Column 38 Footnote: Density is per 1 meter squared

Column 39 Footnote: Density is per 1 meter squared

Column 42 Footnote: Density is per 1 meter squared

Purdue University

Weed Code							SETFA	SETFA	SETFA	SIDSP	SIDSP	SIDSP	SIDSP	
Crop Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type														
Rating Unit														
Rating Date							8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number								3		3	3			
Assessed By							VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	
Tri-Eval Interval							Count	%seed	%seed	Count	Count	%seed	%seed	
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	43	44	45	46	47	48	49
1	non-treated check							5	100 a	100	1	1	100	100
2	AAtrex Roundup WeatherMAX AMS	1 0.75 2.5	LB A/A LB AE/A LB A/A	1 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E	2	100 a	50				
3	AAtrex Roundup WeatherMAX AMS	2 0.75 2.5	LB A/A LB AE/A LB A/A	2 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E				1		50	
4	AAtrex Princep 4FL Roundup WeatherMAX AMS	1 1 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1 21.3 2.5	QT/A QT/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E							
5	Degree Xtra Roundup WeatherMAX AMS	1.5 0.75 2.5	LB A/A LB AE/A LB A/A	1.5 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E		75 a					
6	Degree Xtra Roundup WeatherMAX AMS	3 0.75 2.5	LB A/A LB AE/A LB A/A	3 21.3 2.5	QT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E							
7	AAtrex Balance Pro Roundup WeatherMAX AMS	1 0.047 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A	1 1.5 21.3 2.5	QT/A FL OZ/A FL OZ/A LB/A	14d EPP 14d EPP POSPOS POSPOS	A A E E	1	80 a	100				
8	GF-1834 Roundup WeatherMAX AMS	0.86 0.75 2.5	LB A/A LB AE/A LB A/A	1.75 21.3 2.5	PT/A FL OZ/A LB/A	14d EPP POSPOS POSPOS	A E E		100 a					
9	Roundup WeatherMAX AMS non-treated check	0.375 2.5	LB AE/A LB A/A	10.7 2.5	FL OZ/A LB/A	PREPRE PREPRE	B B	2	100 a	100	1		0	
10	AAtrex Roundup WeatherMAX AMS Roundup WeatherMAX AMS	1 0.375 2.5 0.75 2.5	LB A/A LB AE/A LB A/A LB AE/A LB A/A	1 10.7 2.5 21.3 2.5	QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE POSPOS POSPOS	B B B E E		100 a		1		0	
11	AAtrex Roundup WeatherMAX AMS Roundup WeatherMAX AMS	2 0.375 2.5 0.75 2.5	LB A/A LB AE/A LB A/A LB AE/A LB A/A	2 10.7 2.5 21.3 2.5	QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE POSPOS POSPOS	B B B E E							
12	AAtrex Princep 4FL Roundup WeatherMAX AMS Roundup WeatherMAX AMS	1 1 0.375 2.5 0.75 2.5	LB A/A LB A/A LB AE/A LB A/A LB AE/A LB A/A	1 1 10.7 2.5 21.3 2.5	QT/A QT/A FL OZ/A LB/A FL OZ/A LB/A	PREPRE PREPRE PREPRE PREPRE POSPOS POSPOS	B B B B E E		100 a					

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Weed Code								SETFA	SETFA	SETFA	SIDSP	SIDSP	SIDSP	SIDSP
Crop Code								ZEAMX						
Rating Data Type														
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number									3		3	3		
Assessed By								VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval								Count	%seed	%seed	Count	Count	%seed	%seed
ARM Action Codes														
# Subsamples, Dec.														
Tri No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	43	44	45	46	47	48	49
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	2	100 a	100				
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B		100 a					
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E							
17	weed free check													
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
18	weed free check							2	100 a	100				
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B							
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B							
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C							
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D							
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E							
	AMS	22	LB A/A	22	LB/A	POSPOS	E							
LSD (P=.05)								.	33.1	.	.	.	.	.
Standard Deviation								.	16.9	.	.	.	.	.
CV								.	17.57	
Grand Mean								0.67	95.91	27.08	0.42	1.0	16.67	100.0
Bartlett's X2								.	0.0	
P(Bartlett's X2)								

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Weed Code	SETFA ZEAMX	SETFA ZEAMX	SETFA ZEAMX	SIDSP ZEAMX	SIDSP ZEAMX	SIDSP ZEAMX	SIDSP ZEAMX
Crop Code							
Rating Data Type							
Rating Unit							
Rating Date	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage							
Crop Stage Scale							
Weed Stage							
Weed Density, Unit							
Footnote Number	3			3	3		
Assessed By	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM	VM + JM
Tri-Eval Interval	Count	%seed	%seed	Count	Count	%seed	%seed
ARM Action Codes							
# Subsamples, Dec.							
Replicate F		0.133					
Replicate Prob(F)		0.9352					
Treatment F		1.184					
Treatment Prob(F)		0.4720					

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

Column 43 Footnote: Density is per 1 meter squared
 Column 46 Footnote: Density is per 1 meter squared
 Column 47 Footnote: Density is per 1 meter squared

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Weed Code								ZEAMX	ZEAMX
Crop Code								YIELD	YIELD
Rating Data Type								LB	BU
Rating Unit								9/Nov/2006	9/Nov/2006
Rating Date								Harvest	Harvest
Crop Stage									
Crop Stage Scale									
Weed Stage									
Weed Density, Unit									
Footnote Number								1	1
Assessed By									
Tri-Eval Interval									TY1
ARM Action Codes									1
# Subsamples, Dec.									
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	50	51
1	non-treated check							26 c	157.9 c
2	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	34 a	208.5 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
3	AAtrex	2	LB A/A	2	QT/A	14d EPP	A	35 a	215.7 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
4	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	34 a	206.3 a
	Princep 4FL	1	LB A/A	1	QT/A	14d EPP	A		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
5	Degree Xtra	1.5	LB A/A	1.5	QT/A	14d EPP	A	34 a	208.0 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
6	Degree Xtra	3	LB A/A	3	QT/A	14d EPP	A	35 a	212.5 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
7	AAtrex	1	LB A/A	1	QT/A	14d EPP	A	33 a	203.9 a
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	14d EPP	A		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
8	GF-1834	0.86	LB A/A	1.75	PT/A	14d EPP	A	34 a	209.4 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
9	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B	28 bc	169.4 bc
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	non-treated check								
10	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	32 ab	197.3 ab
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
11	AAtrex	2	LB A/A	2	QT/A	PREPRE	B	35 a	215.4 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
12	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	36 a	220.3 a
	Princep 4FL	1	LB A/A	1	QT/A	PREPRE	B		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		

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								ZEAMX YIELD LB	ZEAMX YIELD BU
								9/Nov/2006 Harvest	9/Nov/2006 Harvest
								1	1
								TY1	
								1	
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Unit	Grow Stg	Appl Code	50	51
13	Degree Xtra	1.5	LB A/A	1.5	QT/A	PREPRE	B	36 a	222.9 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
14	Degree Xtra	3	LB A/A	3	QT/A	PREPRE	B	34 a	209.9 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
15	AAtrex	1	LB A/A	1	QT/A	PREPRE	B	33 a	204.8 a
	Balance Pro	0.047	LB A/A	1.5	FL OZ/A	PREPRE	B		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
16	GF-1834	0.86	LB A/A	1.75	PT/A	PREPRE	B	34 a	205.4 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	2.5	LB A/A	2.5	LB/A	POSPOS	E		
17	weed free check							34 a	210.0 a
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C		
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D		
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	22	LB A/A	22	LB/A	POSPOS	E		
18	weed free check							36 a	219.5 a
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	PREPRE	B		
	AMS	2.5	LB A/A	2.5	LB/A	PREPRE	B		
	AAtrex	2	LB A/A	2	QT/A	PREPRE	B		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	EAPOCR	C		
	AMS	2.5	LB A/A	2.5	LB/A	EAPOCR	C		
	Roundup WeatherMAX	0.375	LB AE/A	10.7	FL OZ/A	MIPOCR	D		
	AMS	2.5	LB A/A	2.5	LB/A	MIPOCR	D		
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	POSPOS	E		
	AMS	22	LB A/A	22	LB/A	POSPOS	E		
LSD (P=.05)								4.7	28.82
Standard Deviation								3.3	20.38
CV								9.92	9.92
Grand Mean								33.52	205.39
Bartlett's X2								43.013	43.012
P(Bartlett's X2)								0.001*	0.001*

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Weed Code		
Crop Code	ZEAMX	ZEAMX
Rating Data Type	YIELD	YIELD
Rating Unit	LB	BU
Rating Date	9/Nov/2006	9/Nov/2006
Crop Stage	Harvest	Harvest
Crop Stage Scale		
Weed Stage		
Weed Density, Unit		
Footnote Number	1	1
Assessed By		
Tri-Eval Interval		
ARM Action Codes		TY1
# Subsamples, Dec.		1
Replicate F	4.485	4.484
Replicate Prob(F)	0.0072	0.0072
Treatment F	2.647	2.647
Treatment Prob(F)	0.0038	0.0038

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

Column 50 Footnote: Harvested 2 rows by 25 feet

Column 51: TY1 = 6.127121*[50]

Footnote: Harvested 2 rows by 25 feet