

# Purdue University

## ROUNDUP READY CORN SELECTION PRESSURE STUDY

Trial ID: 06S-THP-CTC-03  
Location: TPAC

Study Dir.: Vince Davis  
Investigator: Dr. Mark M. Loux

### GENERAL TRIAL INFORMATION

**Study Director:** Vince Davis **Title:** Research Associate  
**Affiliation:** Purdue University  
**Postal Code:** 47907  
**Investigator:** Dr. Mark M. Loux  
**Affiliation:** The Ohio State University

### 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  
**Address 1:** 8343 US 231 South **Phone No:** (765) 538-3422  
**City:** Lafayette **Fax No:** (765) 538-3423  
**State/Prov:** IN  
**Postal Code:** 47909-9049

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

**Objective:** The objective of this study is evaluate the reduction in competitive load with various soil applied herbicide treatments in Roundup Ready corn production

### CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	SETFA	Giant foxtail	Setaria faberi
2.	AMBTR	Giant ragweed	Ambrosia trifida
3.	CHEAL	Common lambsquarters	Chenopodium album
4.	AMASS	Pigweed	Amaranthus sp.
5.	IPOSS	Morning glory	Ipomoea sp.
6.	ABUTH	Velvetleaf	Abutilon theophrasti

**Crop 1:** ZEAMX CORN, FIELD **Variety:** DKC 60-18R11/YGPL  
**Planting Date:** 28/Apr/2006 **Planting Method:** DIRECT DRILLED  
**Rate:** 30800 S/A **Depth:** 2 IN  
**Row Spacing:** 30 IN

**Emergence Date:** 9/May/2006

### 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

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

**Closest Weather Station:** Located on the farm

**Distance:** 0.5 **Unit:** MI

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## APPLICATION DESCRIPTION

	A	B	C
Application Date:	5/May/2006	31/May/2006	6/Jun/2006
Time of Day:	10:00PM	9:30AM	12:00PM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PREPRE	EAPOWE	LAPOWE
Applic. Placement:	soil	BROFOL	BROFOL
Air Temp., Unit:	60 F	75.5 F	71 F
% Relative Humidity:	63	75	57
Wind Velocity, Unit:	Calm	2.5 MPH	4 MPH
Dew Presence (Y/N):	N		N
Water Hardness:	very hard	very hard	very hard
Soil Temp., Unit:	60 F	72 F	73 F
Soil Moisture:	Wet	Dry	moist
% Cloud Cover:		60	5

## CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX	ZEAMX	ZEAMX
Stage Scale:	PRE	V3-V4	V5-V6
Height, Unit:		15 IN	18 IN

## WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	SETFA	SETFA	SETFA
Stage Scale:	n/a		6-12"5til
Density, Unit:			100 YD2
Weed 2 Code, Stage:	AMBTR	AMBTR	AMBTR
Stage Scale:	n/a	0-3"	2-8"
Density, Unit:			1 YD2
Weed 3 Code, Stage:	CHEAL	CHEAL	CHEAL
Stage Scale:	n/a	0-3"	1-8"
Density, Unit:			5 YD2
Weed 4 Code, Stage:	AMASS	AMASS	AMASS
Stage Scale:			1-4"
Density, Unit:			5 YD2
Weed 5 Code, Stage:	IPOSS	IPOSS	IPOSS
Weed 6 Code, Stage:	ABUTH	ABUTH	ABUTH

## APPLICATION EQUIPMENT

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

Trial Comments



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Weed Code									SETFA	SETFA	CHEAL	ABUTH	ZEAMX	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	PHYGEN	Control
Rating Unit													%	%
Rating Date									30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006
Crop Stage									V3-V4	V3-V4	V3-V4	V3-V4	V3-V4	V3-V4
Crop Stage Scale									15	15	15	15	15	15
Weed Stage									0-3"	3-6"	0-3"	0-3"		
Weed Density, Unit														
Footnote Number									2	2	2	2		
Assessed By														
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
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110	0				0	99
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312	1			1	0	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604	1			3	0	99
								711	1			1	0	99
								Mean =	1	.	.	2	0	99
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111	30				0	93
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307	14				0	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609	8			1	0	90
								704	8			1	0	95
								Mean =	15	.	.	1	0	93
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112	19				0	97
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304	7			1	0	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610	2		1		0	98
								808	2				0	99
								Mean =	8	.	1	1	0	97
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113	5				0	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313	3				0	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512	1				0	100
								806	2				0	99
								Mean =	3	.	.	.	0	100
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601					0	
								801					0	
								Mean =	.	.	.	.	0	.
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505					0	
								701					0	
								Mean =	.	.	.	.	0	.
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611					0	
								702					0	
								Mean =	.	.	.	.	0	.
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204					0	
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807					0	
								Mean =	.	.	.	.	0	.
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205					0	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706					0	
								Mean =	.	.	.	.	0	.

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									SETFA ZEAMX Count	SETFA ZEAMX Count	CHEAL ZEAMX Count	ABUTH ZEAMX Count	ZEAMX PHYGEN %	SETFA ZEAMX Control %
Weed Code									30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006
Crop Code									V3-V4	V3-V4	V3-V4	V3-V4	V3-V4	V3-V4
Rating Data Type									15	15	15	15	15	15
Rating Unit									0-3"	3-6"	0-3"	0-3"		
Rating Date														
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit									2	2	2	2		
Footnote Number														
Assessed By														
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
19	HARNESXTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613					0	
								805					0	
Mean =									.	.	.	.	0	.
20	HARNESXTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605					0	
								812					0	
Mean =									.	.	.	.	0	.
21	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602					0	
								811					0	
Mean =									.	.	.	.	0	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607					0	
								810					0	
Mean =									.	.	.	.	0	.
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513					0	
								708					0	
Mean =									.	.	.	.	0	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211					0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405					0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508					0	
								712					0	
Mean =									.	.	.	.	0	.
25	Weed free check							212					0	100
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309					0	100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608					0	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803	0		0	0	0	100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
Mean =									0	.	0	0	0	100
26	non-treated check							213					0	0
								403					0	0
								507					0	0
								710					0	0
	Mean =									.	.	.	.	0

Column 1 Footnote: density per 2 meter squared  
 Column 2 Footnote: density per 2 meter squared  
 Column 3 Footnote: density per 2 meter squared  
 Column 4 Footnote: density per 2 meter squared

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Weed Code									CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Control	Control	Control
Rating Unit									%	%	%	%	%	%
Rating Date									30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage									V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale									15	15	18"	18"	18"	18"
Weed Stage														
Weed Density, Unit														
Footnote Number														
Assessed By											EC + GK	EC+GK	EC+GK	EC+GK
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11	12
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101	0	0	99	100	100	98
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	0	0	100	98	97	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	0	0	99	99	97	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	0	0	98	100	99	99
Mean =									0	0	99	99	98	99
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102			0	0	0	0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412			0	0	0	0
								501			0	0	0	0
								802			0	0	0	0
Mean =									.	.	0	0	0	0
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103	100	98				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402	100	90				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606	95	90				
								705	93	75				
Mean =									97	88	.	.	.	.
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603	95	98				
								707	90	95				
Mean =									96	98	.	.	.	.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105	100	97				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511	90	100				
								813	97	100				
Mean =									97	99	.	.	.	.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106	100	100				
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809	100	100				
Mean =									100	100	.	.	.	.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107	100	98				
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509	85	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709	95	98				
Mean =									95	99	.	.	.	.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	100	95				
								703	99	75				
Mean =									100	90	.	.	.	.
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301	100	90				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502	97	90				
								804	100	100				
Mean =									99	95	.	.	.	.

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Weed Code									CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Control	Control	Control
Rating Unit									%	%	%	%	%	%
Rating Date									30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage									V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale									15	15	18"	18"	18"	18"
Weed Stage														
Weed Density, Unit														
Footnote Number														
Assessed By											EC + GK	EC+GK	EC+GK	EC+GK
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11	12
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604	100	95				
								711	100	99				
	Mean =								100	99				
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609	100	100				
								704	100	99				
	Mean =								100	100				
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304	100	98				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610	100	100				
								808	100	100				
	Mean =								100	100				
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113	100	100				
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313	100	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512	100	100				
								806	100	100				
	Mean =								100	100				
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201			65	100	75	85
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411			98	95	100	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601			93	85	95	98
								801			88	83	98	98
	Mean =									86	91	92	95	
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202			65	95	95	92
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401			88	85	100	98
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505			95	78	100	100
								701			95	85	99	99
	Mean =									86	86	98	97	
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203			95	97	100	98
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413			98	85	100	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611			97	95	95	95
								702			80	88	99	99
	Mean =									92	91	99	98	
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204			97	100	100	95
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302			100	100	100	98
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612			97	100	98	98
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807			99	100	99	99
	Mean =									98	100	99	98	
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205			25	100	95	95
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308			95	100	99	98
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503			98	92	100	99
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706			70	85	98	98
	Mean =									72	94	98	97	

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Weed Code									CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Control	Control	Control
Rating Unit									%	%	%	%	%	%
Rating Date									30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage									V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale									15	15	18"	18"	18"	18"
Weed Stage														
Weed Density, Unit														
Footnote Number														
Assessed By											EC + GK	EC+GK	EC+GK	EC+GK
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11	12
19	HARNESXTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206			95	100	97	95
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310			98	100	92	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613			97	100	99	99
								805			95	93	100	100
	Mean =								.	.	96	98	97	99
20	HARNESXTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207			95	100	95	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305			99	100	98	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605			99	98	98	100
								812			100	100	100	100
	Mean =								.	.	98	100	98	100
21	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208			99	100	95	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409			99	100	100	99
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602			100	100	100	100
								811			100	100	100	100
	Mean =								.	.	100	100	99	100
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209			94	100	100	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303			92	100	98	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607			97	100	100	100
								810			95	100	100	100
	Mean =								.	.	95	100	100	100
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210			98	100	100	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306			98	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513			100	100	100	100
								708			99	100	100	100
	Mean =								.	.	99	100	100	100
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211			99	100	100	100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405			100	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508			100	100	100	100
								712			99	100	100	100
	Mean =								.	.	100	100	100	100
25	Weed free check							212	100	100	0	0	0	0
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309	100	100	0	0	0	0
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608	100	100	0	0	0	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803	100	100	99	100	100	100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
	Mean =							100	100	25	25	25	25	
26	non-treated check							213	0	0	0	0	0	0
								403	0	0				
								507	0	0				
								710	0	0				
	Mean =							0	0	0	0	0	0	

# Purdue University

Weed Code									SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count	Count
Rating Unit														
Rating Date									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale									18"	18"	18"	18"	18"	18"
Weed Stage									0-3"	3-6"	6" +	0-3"	3-6"	6" +
Weed Density, Unit														
Footnote Number									2	2	2	2	2	2
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	13	14	15	16	17	18
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101	5					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	11			7		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	80			3		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	10					
Mean =									27	.	.	5	.	.
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102	23	23	32			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412	9	4	159	9	6	18
								501	1		32	34	38	24
								802	1	1	1	11	17	4
Mean =									9	9	56	18	20	15
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606						
								705						
Mean =									.	.	.	.	.	.
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603						
								707						
Mean =									.	.	.	.	.	.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511						
								813						
Mean =									.	.	.	.	.	.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106						
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809						
Mean =									.	.	.	.	.	.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107						
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709						
Mean =									.	.	.	.	.	.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408				17	6	2
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504						
								703						
Mean =									.	.	.	17	6	2
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502					2	
								804	12					
Mean =									12	.	.	.	2	.

# Purdue University

Weed Code									SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count	Count
Rating Unit														
Rating Date									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale									18"	18"	18"	18"	18"	18"
Weed Stage									0-3"	3-6"	6" +	0-3"	3-6"	6" +
Weed Density, Unit														
Footnote Number									2	2	2	2	2	2
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	13	14	15	16	17	18
10	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604 711						
	Mean =								.	.	.	.	.	.
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609 704						
	Mean =								.	.	.	.	.	.
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304	20					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610 808						
	Mean =								20	.	.	.	.	.
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113						
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512 806						
	Mean =								.	.	.	.	.	.
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	2	3	31	2		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411	69	6	7	1		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601 801	3 2	4 1	12 4	2 0	1 0	2 1
	Mean =								19	4	14	1	1	2
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202	5	7	28			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401	8	6	7	7		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505 701	32 1	4 2	3 15	32 1	2	2
	Mean =								12	5	13	13	2	2
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203	17	12	5	1		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413	65	7	2	1	1	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611 702	85 17	8 3	2 2	2 5	1	2
	Mean =								46	8	3	2	1	2
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204	45	5				
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302	2					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612	115	12	2			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807	14					
	Mean =								44	9	2	.	.	.
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205	47	26	90	1		
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308	39	2	3			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503	9			14		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	33	13	1	1	2	
	Mean =								32	14	31	5	2	.

# Purdue University

									SETFA ZEAMX Count	SETFA ZEAMX Count	SETFA ZEAMX Count	CHEAL ZEAMX Count	CHEAL ZEAMX Count	CHEAL ZEAMX Count
									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V5-V6
									18"	18"	18"	18"	18"	18"
									0-3"	3-6"	6" +	0-3"	3-6"	6" +
									2	2	2	2	2	2
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	13	14	15	16	17	18
19	HARNESXTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206	21	3				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310	7					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613	50	3				
								805						
								Mean =	26	3	.	.	.	.
20	HARNESXTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207	11					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305	5					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605	7	1				
								812	3					
								Mean =	7	1	.	.	.	.
21	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208	6					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409	8					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602						
								811	3					
								Mean =	6	.	.	.	.	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209	11	1				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303	13	6	6			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607	6	4				
								810	4					
								Mean =	9	4	6	.	.	.
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210	8					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513	4					
								708	7	1				
								Mean =	6	1	.	.	.	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211	3					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405	1					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508						
								712						
								Mean =	2	.	.	.	.	.
25	Weed free check							212	38	3				
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309	32					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803			1	0	7	
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
								Mean =	35	3	.	1	0	7
26	non-treated check							213						
								403						
								507						
								710						
								Mean =	.	.	.	.	.	.

Column 13 Footnote: density per 2 meter squared  
 Column 14 Footnote: density per 2 meter squared  
 Column 15 Footnote: density per 2 meter squared  
 Column 16 Footnote: density per 2 meter squared  
 Column 17 Footnote: density per 2 meter squared  
 Column 18 Footnote: density per 2 meter squared

# Purdue University

Weed Code									ABUTH	ABUTH	ABUTH	AMARE	AMARE	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count	Control
Rating Unit														%
Rating Date									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	5/Jul/2006
Crop Stage									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V10-V12
Crop Stage Scale									18"	18"	18"	18"	18"	5-6'
Weed Stage									0-3"	3-6"	6" +	0-3"	3-6"	36"
Weed Density, Unit														12 YD2
Footnote Number														
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101				29		99
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	6			1		94
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	1			2		97
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713				10		90
Mean =									4	.	.	11	.	95
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102	1		1	81		90
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412	1		1	19	1	97
								501		1		8		100
								802		1	1	17	5	99
Mean =									1	1	1	31	3	97
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103						60
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402						93
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606						50
								705						50
Mean =									.	.	.	.	.	63
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104						65
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407						65
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603						88
								707						75
Mean =									.	.	.	.	.	73
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105						60
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406						75
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511						60
								813						80
Mean =									.	.	.	.	.	69
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106						70
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311						80
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510						65
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809						90
Mean =									.	.	.	.	.	76
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107						70
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410						65
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509						80
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709						80
Mean =									.	.	.	.	.	74
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108						90
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408						60
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	1					90
								703						93
Mean =									1	.	.	.	.	83
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109						90
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301						100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502						88
								804	1	3				97
Mean =									1	3	.	.	.	94

# Purdue University

Weed Code									ABUTH	ABUTH	ABUTH	AMARE	AMARE	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count	Control
Rating Unit														%
Rating Date									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	5/Jul/2006
Crop Stage									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V10-V12
Crop Stage Scale									18"	18"	18"	18"	18"	5-6'
Weed Stage									0-3"	3-6"	6" +	0-3"	3-6"	36"
Weed Density, Unit														12 YD2
Footnote Number														
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
10	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110						96
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312						90
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604						90
								711						85
								Mean =	.	.	.	.	.	90
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111						95
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307						88
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609						85
								704						95
								Mean =	.	.	.	.	.	91
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112						97
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304						90
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610						99
								808						95
								Mean =	.	.	.	.	.	95
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113						99
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313						97
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512						99
								806						99
								Mean =	.	.	.	.	.	99
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	1			53		99
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411				26		90
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601				100		100
								801		1		3		99
								Mean =	1	1	.	46	.	97
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202	10			69		99
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401				38		100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505	4	3				93
								701				40		97
								Mean =	7	3	.	49	.	97
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203	1	2		10		100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413						93
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611	1			170		90
								702	1			69		93
								Mean =	1	2	.	83	.	94
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204				34		98
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302				22		96
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612				83		88
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807	1			1		95
								Mean =	1	.	.	35	.	94
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205	1	1		10		97
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308	1			35		97
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503						95
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	5	1		59		99
								Mean =	2	1	.	35	.	97

# Purdue University

									ABUTH ZEAMX Count	ABUTH ZEAMX Count	ABUTH ZEAMX Count	AMARE ZEAMX Count	AMARE ZEAMX Count	SETFA ZEAMX Control %
Weed Code									12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	5/Jul/2006
Crop Code									V5-V6	V5-V6	V5-V6	V5-V6	V5-V6	V10-V12
Rating Data Type									18"	18"	18"	18"	18"	5-6'
Rating Unit									0-3"	3-6"	6" +	0-3"	3-6"	36"
Rating Date														12 YD2
Crop Stage														
Crop Stage Scale														
Weed Stage														
Weed Density, Unit									2	2	2	2	2	
Footnote Number														
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
19	HARNESXTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206				5		98
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310	1	1		1		98
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613				41		94
								805						98
								Mean =	1	1	.	16	.	97
20	HARNESXTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207	1					99
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305						100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605	1		1	2		93
								812				5		97
								Mean =	1	.	1	4	.	97
21	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208				1		99
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409	1					96
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602				1		98
								811	1					99
								Mean =	1	.	.	1	.	98
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209						100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303		1		1		100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607						99
								810				2		97
								Mean =	.	1	.	2	.	99
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210				1		99
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306						99
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513						98
								708						99
								Mean =	.	.	.	1	.	99
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211						100
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405						100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508						99
								712						100
								Mean =	.	.	.	.	.	100
25	Weed free check							212						100
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309				3		95
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608						100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803						100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
								Mean =	.	.	.	3	.	99
26	non-treated check							213						0
								403						0
								507						0
								710						0
								Mean =	.	.	.	.	.	0

Column 19 Footnote: density per 2 meter squared  
 Column 20 Footnote: density per 2 meter squared  
 Column 21 Footnote: density per 2 meter squared  
 Column 22 Footnote: density per 2 meter squared  
 Column 23 Footnote: density per 2 meter squared

# Purdue University

Weed Code									CHEAL	ABUTH	AMASS	AMASS	AMASS	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Count	Count	Count
Rating Unit									%	%	%			
Rating Date									5/Jul/2006	5/Jul/2006	5/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									V10-V12	V10-V12	V10-V12	Mature	Mature	Mature
Crop Stage Scale									5-6'	5-6'	5-6'			
Weed Stage									36"	30"	30"			
Weed Density, Unit									2 YD2	2 YD2	1 YD2			
Footnote Number														
Assessed By												EC + GK + AW	EC + GK + AW	EC + GK + AW
ARM Action Codes												Count 1	Count 2	Seed %
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	25	26	27	28	29	30
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101	100	100	75	3	0	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	100	100	65	18	29	10
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	98	100	96	1	8	0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	99	100	90	3	14	0
Mean =									99	100	82	6	13	3
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102	100	90	90	13	2	0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412	100	100	80	1	5	8
								501	100	100	100	3	5	33
								802	100	100	95	8	1	0
Mean =									100	98	91	6	3	10
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103	90	100	75	14		70
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402	100	85	78	4	15	25
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606	99	40	30	3	22	66
								705	90	75	20	11	12	100
Mean =									95	75	51	8	16	65
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104	95	100	50	1	2	0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407	100	100	30	5	7	80
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603	100	75	45	4	10	0
								707	80	25	30	6	7	50
Mean =									94	75	39	4	7	33
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105	98	50	30	17	5	75
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406	98	75	70	2	3	50
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511	50	100	50			
								813	100	100	30	8	1	15
Mean =									87	81	45	9	3	47
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106	98	80	30	2	25	50
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311	99	85	50	11		75
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510	85	99	40	1	2	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809	100	100	50	15	4	10
Mean =									96	91	43	7	10	34
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107	98	93	70			
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410	99	100	35	6	9	30
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509	75	99	40	4	6	75
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709	99	20	40	8	12	30
Mean =									93	78	46	6	9	45
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108	100	90	95			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408	99	99	30	4	13	50
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	90	100	90	3	1	100
								703	100	90	95	1	1	0
Mean =									97	95	78	3	5	50
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109	100	95	100			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301	100	88	90	1		100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502	90	93	70	2		50
								804	100	70	98	1		100
Mean =									98	87	90	1	.	83

# Purdue University

Weed Code									CHEAL	ABUTH	AMASS	AMASS	AMASS	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Count	Count	Count
Rating Unit									%	%	%			
Rating Date									5/Jul/2006	5/Jul/2006	5/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									V10-V12	V10-V12	V10-V12	Mature	Mature	Mature
Crop Stage Scale									5-6'	5-6'	5-6'			
Weed Stage									36"	30"	30"			
Weed Density, Unit									2 YD2	2 YD2	1 YD2			
Footnote Number														
Assessed By												EC + GK + AW	EC + GK + AW	EC + GK + AW
ARM Action Codes												Count 1	Count 2	Seed %
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	25	26	27	28	29	30
10	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110	100	100	100			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312	100	100	90		3	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604	97	45	75	1		100
								711	100	90	90	2	6	50
								Mean =	99	84	89	2	5	75
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111	100	100	100			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307	97	93	50	1	8	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609	100	100	30	2	10	50
								704	100	70	98	2	4	50
								Mean =	99	91	70	2	7	67
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112	100	100	100			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304	100	100	80	2	12	60
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610	100	100	100	1		100
								808	99	100	90			
								Mean =	100	100	93	2	12	80
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113	100	100	100			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313	100	100	98	1		100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512	100	100	100			
								806	100	85	100			
								Mean =	100	96	100	1	.	100
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	99	100	85	21	3	63
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411	100	100	80	9		50
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601	96	100	85	12	13	0
								801	100	100	98	1		0
								Mean =	99	100	87	11	8	28
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202	100	100	90	18	6	0
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401	100	97	60	5	15	20
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505	93	100	90	3		30
								701	98	100	95	1	0	0
								Mean =	98	99	84	7	7	13
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203	100	100	90	17	1	5
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413	100	100	75	7	2	5
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611	100	100	70	4	6	0
								702	100	95	88	1	8	0
								Mean =	100	99	81	7	4	3
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204	100	100	93	15		0
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302	100	100	85	2	2	0
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612	100	100	90	1	6	0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807	100	100	93	3		66
								Mean =	100	100	90	5	4	17
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205	100	100	95	16	3	0
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308	100	100	70	39	16	25
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503	99	100	90	5		100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	100	100	70	15	3	0
								Mean =	100	100	81	19	7	31

# Purdue University

Weed Code									CHEAL	ABUTH	AMASS	AMASS	AMASS	AMASS
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Control	Control	Control	Count	Count	Count
Rating Unit									%	%	%			
Rating Date									5/Jul/2006	5/Jul/2006	5/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									V10-V12	V10-V12	V10-V12	Mature	Mature	Mature
Crop Stage Scale									5-6'	5-6'	5-6'			
Weed Stage									36"	30"	30"			
Weed Density, Unit									2 YD2	2 YD2	1 YD2			
Footnote Number														
Assessed By												EC + GK + AW	EC + GK + AW	EC + GK + AW
ARM Action Codes												Count 1	Count 2	Seed %
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	25	26	27	28	29	30
19	HARNESXTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206	100	100	99			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310	100	100	96			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613	100	100	85	2	3	0
								805	99	99	98	2		0
Mean =									100	100	95	2	3	0
20	HARNESXTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207	100	100	99	2		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305	100	100	90	4	4	0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605	100	95	93	1	2	0
								812	100	99	90	6		100
Mean =									100	99	93	3	3	33
21	HARNESXTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208	100	100	95			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409	100	100	96	4		0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602	100	100	100	2		0
								811	100	100	95			
Mean =									100	100	97	3	.	0
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209	100	100	98	1		0
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303	100	100	95	1		0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607	100	100	97	4		0
								810	100	100	100	5		0
Mean =									100	100	98	3	.	0
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210	100	100	98			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306	100	100	99	0		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513	100	100	100			0
								708	100	100	100	1		0
Mean =									100	100	99	1	.	0
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211	100	100	100			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405	100	100	100			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508	100	100	100	2		100
								712	100	100	100	2		0
Mean =									100	100	100	2	.	50
25	Weed free check							212	100	100	100			
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309	100	100	70	3	9	0
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608	100	100	100	1	1	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803	100	100	100	6		
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C								
Mean =									100	100	93	3	5	0
26	non-treated check							213	0	0	0	4	1	50
								403	0	0	0	4	13	100
								507	0	0	0			
								710	0	0	0	3	0	0
Mean =									0	0	0	4	5	50

# Purdue University

Weed Code									AMASS	SETFA	SETFA	SETFA	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number										3	3		
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Count 1	Count 2	Seed %	Seed %
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	31	32	33	34	35
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101		1	1	100	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	10	6	9	100	75
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	50	16	14	95	70
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	10	1	8	0	100
Mean =									23	6	8	74	61
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102	0	2		100	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412	20	3	9	66	89
								501	20				
								802	0				
Mean =									10	3	9	83	89
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103		45	18	80	80
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402	90	4	2	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606	60	12	4	100	100
								705	80	19	14	100	100
Mean =									77	20	10	95	95
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104	50	35	20	80	80
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407	30	9	22	50	85
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603	60	1	9		
								707	100	6	4	100	100
Mean =									60	13	14	77	88
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105	49	39	39	80	85
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406	66	3	13	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511					
								813	100	6	15	100	100
Mean =									72	16	22	93	95
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106	47	22	40	60	70
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311		12	9	95	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510	50	10	13	100	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809	75	5	5	90	100
Mean =									57	12	17	86	91
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107		13	23	90	85
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410	20	8	5	50	70
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509	100	8	10	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709	95	10	11	90	100
Mean =									72	10	12	83	89
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108		17	12	85	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408	80	3	19	66	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	100	5	7	50	100
								703	0				
Mean =									60	8	13	67	98
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109		26	19	93	91
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502		1	2	100	100
								804		2	1	100	100
Mean =									.	10	7	98	97

# Purdue University

Weed Code									AMASS	SETFA	SETFA	SETFA	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number										3	3		
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Count 1	Count 2	Seed %	Seed %
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	31	32	33	34	35
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110		12	16	50	90
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312	30	4	11	100	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604		2	2	100	100
								711	66	2	1	100	100
								Mean =	48	5	8	88	96
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111		13	26	95	93
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307	80	1	4	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609	60	2	11	100	0
								704	50	1	2	100	50
								Mean =	63	4	11	99	61
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112		9	3	90	100
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304	50				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610				100	100
								808		4		100	
								Mean =	50	7	3	95	100
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113		1		100	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313		1		100	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512					
								806					
								Mean =	.	1	.	100	.
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	0	1		0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411		22	2	90	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601	50				
								801					
								Mean =	25	12	2	45	100
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202	30				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401	5	3		100	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505		21	16	100	80
								701	0				
								Mean =	12	12	16	100	80
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203	0				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413	0	13	2	88	100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611	0	7	10	100	
								702	0	1		100	
								Mean =	0	7	6	96	100
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204		2	1	100	100
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302	0				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612	50	6	22	75	95
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807					
								Mean =	25	4	12	88	98
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205	0	2		100	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308	0				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503		1		100	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	0				
								Mean =	0	2	.	100	.

# Purdue University

Weed Code									AMASS	SETFA	SETFA	SETFA	SETFA
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number										3	3		
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Count 1	Count 2	Seed %	Seed %
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	31	32	33	34	35
19	HARNESX XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206		1	3	0	60
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310			5		100
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613	0	10		100	95
								805		2		100	
								Mean =	0	4	4	67	85
20	HARNESX XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305	0				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605	0	2	1	50	100
								812					
								Mean =	0	2	1	50	100
21	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208		0	0		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409		8		50	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602					
								811		2		100	
								Mean =	.	3	0	75	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607		1		100	100
								810					
								Mean =	.	1	.	100	100
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210		0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513					
								708					
								Mean =	.	0	.	.	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508		8	6	75	100
								712					
								Mean =	.	8	6	75	100
25	Weed free check							212		1	5	100	100
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309	0	2	3	100	100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608	0	7	2	55	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803	0				
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
								Mean =	0	3	3	85	100
26	non-treated check							213	100	34	37	100	100
								403	15	9	10	100	100
								507		22	6	100	100
								710		16	10	100	100
								Mean =	58	20	16	100	100

Column 32 Footnote: density count per 1 square meter

Column 33 Footnote: density count per 1 square meter

# Purdue University

Weed Code									IPOSS	IPOSS	IPOSS	IPOSS	ABUTH
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number									3	3			3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 1	Count 2	Seed%	Seed%	Count 1
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	36	37	38	39	40
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101	1	2			
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404					
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	2		0		
	Mean =								2	2	0	.	.
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102	2	1			
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412					
	Roundup WeatherMAX AMS							501					
	Roundup WeatherMAX AMS							802					
	Mean =								2	1	.	.	.
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103		1			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606				100	1
	Roundup WeatherMAX AMS							705	2		100	100	1
	Mean =								2	1	100	100	1
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104		1			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603	1		100		
	Roundup WeatherMAX AMS							707					
	Mean =								1	1	100	.	.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406	2		50		
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511	2	1	50	0	
	Roundup WeatherMAX AMS							813					
	Mean =								2	1	50	0	.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510	1	1	100	100	
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809					
	Mean =								1	1	100	100	.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107					
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410	1		0		
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709					
	Mean =								1	.	0	.	.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108			100		1
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	1		100		
	Roundup WeatherMAX AMS							703					
	Mean =								1	.	100	.	1
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109	1		0		
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301	1		0		
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502	1		0		
	Roundup WeatherMAX AMS							804	2		0		
	Mean =								1	.	0	.	.

# Purdue University

Weed Code									IPOSS	IPOSS	IPOSS	IPOSS	ABUTH
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number									3	3			3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 1	Count 2	Seed%	Seed%	Count 1
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	36	37	38	39	40
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110	4	1	0	0	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604					
								711	1		100		
								Mean =	3	1	50	0	.
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111		3		30	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307	1		100		
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609					
								704					
								Mean =	1	3	100	30	.
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112	1	1	0	0	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610					
								808					
								Mean =	1	1	0	0	.
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113	1	1	0	0	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313		2		0	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512	3	1	0	100	
								806					
								Mean =	2	1	0	33	.
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	1		100		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411	1		0		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601					
								801					
								Mean =	1	.	50	.	.
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202		1		0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505					
								701					
								Mean =	.	1	.	0	.
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203	1	1	0	0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611					
								702	2		0		
								Mean =	2	1	0	0	.
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204	1	2	0	0	
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807					
								Mean =	1	2	0	0	.
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205		1		0	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	2		100		
								Mean =	2	1	100	0	.

# Purdue University

Weed Code									IPOSS	IPOSS	IPOSS	IPOSS	ABUTH
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number									3	3			3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 1	Count 2	Seed%	Seed%	Count 1
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	36	37	38	39	40
19	HARNESX XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206	1		0		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310	2	1	0	0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613	1		100		
								805					
								Mean =	1	1	33	0	.
20	HARNESX XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207	2	1	0	0	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605	1		0		
								812					
								Mean =	2	1	0	0	.
21	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602					
								811					
								Mean =	.	.	.	.	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209	1		0		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303	1	1	100	100	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607	1	1	0		
								810					
								Mean =	1	1	33	100	.
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210	2		0		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306	3		0		
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513					
								708					
								Mean =	3	.	0	.	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211	1		0		
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405	1	1	0	0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508	1		100		
								712					
								Mean =	1	1	33	0	.
25	Weed free check							212					
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
								Mean =	.	.	.	.	.
26	non-treated check							213		1		100	
								403					
								507					1
								710					
								Mean =	.	1	.	100	1

Column 36 Footnote: density count per 1 square meter

Column 37 Footnote: density count per 1 square meter

Column 40 Footnote: density count per 1 square meter

# Purdue University

Weed Code									ABUTH	ABUTH	ABUTH	CHEAL	CHEAL
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number									3	3	3	3	3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 2	Seed %	Seed%	Count 1	Count 2
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	41	42	43	44	45
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404				1	
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506				2	1
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713				1	
	Mean =									.		1	1
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412				1	
	Roundup WeatherMAX AMS							501				5	
	Roundup WeatherMAX AMS							802					
	Mean =									.		3	.
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606		0			
	Roundup WeatherMAX AMS							705		100		1	
	Mean =									50		1	.
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407				1	
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603				1	
	Roundup WeatherMAX AMS							707					
	Mean =									.		1	.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511					
	Roundup WeatherMAX AMS							813					
	Mean =									.		.	.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510				1	
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809				1	
	Mean =									.		1	.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107					
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709				1	
	Mean =									.		1	.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504				1	
	Roundup WeatherMAX AMS							703				1	
	Mean =									.		1	.
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502				1	
	Roundup WeatherMAX AMS							804					
	Mean =									.		1	.

# Purdue University

Weed Code									ABUTH	ABUTH	ABUTH	CHEAL	CHEAL
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number									3	3	3	3	3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 2	Seed %	Seed%	Count 1	Count 2
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	41	42	43	44	45
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604					
								711				1	
								Mean =				1	
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609					
								704					
								Mean =					
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610					
								808					
								Mean =					
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512					
								806					
								Mean =					
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201				1	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601				3	
								801					
								Mean =				2	
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505				1	
								701				1	5
								Mean =				1	5
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413				2	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611					
								702					
								Mean =				2	
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807					
								Mean =					
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205					
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503				1	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706				1	
								Mean =				1	

# Purdue University

Weed Code										ABUTH	ABUTH	ABUTH	CHEAL	CHEAL
Crop Code										ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type										Count	Count	Count	Count	Count
Rating Unit														
Rating Date										8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage										Mature	Mature	Mature	Mature	Mature
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number										3	3	3	3	3
Assessed By										EC + GK + AW				
ARM Action Codes										Count 2	Seed %	Seed%	Count 1	Count 2
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot		41	42	43	44	45
19	HARNESX XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613						
								805					1	
								Mean =					1	
20	HARNESX XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207					1	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605						
								812						
								Mean =					1	
21	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602						
								811						
								Mean =						
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607						
								810						
								Mean =						
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513						
								708						
								Mean =						
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508					2	
								712						
								Mean =					2	
25	Weed free check							212					1	
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608					1	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803					1	
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
								Mean =					1	
26	non-treated check							213					1	
								403					14	15
								507		100			7	12
								710					9	10
								Mean =		100			8	12

Column 41 Footnote: density count per 1 square meter  
 Column 44 Footnote: density count per 1 square meter  
 Column 45 Footnote: density count per 1 square meter

# Purdue University

Weed Code									CHEAL	CHEAL	XANST	XANST	PHYAM
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit											2		2
Footnote Number													
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Seed %	Count	Seed %	Count
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	46	47	48	49	50
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404	100				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506	50	0			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	0				1
								Mean =	50	0	.	.	1
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412	0				
								501	0				
								802					1
								Mean =	0	.	.	.	1
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606					
								705	100				
								Mean =	100	.	.	.	.
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407	100				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603					
								707	0				
								Mean =	50	.	.	.	.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511			1	100	
								813					
								Mean =	.	.	1	100	.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510	100		1	100	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809	0				
								Mean =	50	.	1	100	.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107					
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709	100				
								Mean =	100	.	.	.	.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504	100				
								703	0				
								Mean =	50	.	.	.	.
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502	100				
								804					
								Mean =	100	.	.	.	.

# Purdue University

Weed Code									CHEAL	CHEAL	XANST	XANST	PHYAM
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit											2		2
Footnote Number													
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Seed %	Count	Seed %	Count
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	46	47	48	49	50
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604					
								711	0				
								Mean =	0	.	.	.	.
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609					
								704					
								Mean =	.	.	.	.	.
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610					
								808					
								Mean =	.	.	.	.	.
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512					
								806					
								Mean =	.	.	.	.	.
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201	0				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601	0				
								801					
								Mean =	0	.	.	.	.
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505	100	0			
								701	0				
								Mean =	50	0	.	.	.
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413	50				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611					
								702					
								Mean =	50	.	.	.	.
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807					
								Mean =	.	.	.	.	.
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205					
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503	0				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706	100				
								Mean =	50	.	.	.	.

# Purdue University

Weed Code									CHEAL	CHEAL	XANST	XANST	PHYAM
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type									Count	Count	Count	Count	Count
Rating Unit													
Rating Date									8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage									Mature	Mature	Mature	Mature	Mature
Crop Stage Scale													
Weed Stage													
Weed Density, Unit											2		2
Footnote Number													
Assessed By									EC + GK + AW				
ARM Action Codes									Seed %	Seed %	Count	Seed %	Count
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	46	47	48	49	50
19	HARNESX XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613					
								805	100				
								Mean =	100	.	.	.	.
20	HARNESX XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207	0				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605					
								812					
								Mean =	0	.	.	.	.
21	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602					
								811					
								Mean =	.	.	.	.	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607					
								810					
								Mean =	.	.	.	.	.
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513					
								708					
								Mean =	.	.	.	.	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508	100				
								712					
								Mean =	100	.	.	.	.
25	Weed free check							212	0				
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608	0				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803	0				
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
								Mean =	0	.	.	.	.
26	non-treated check							213	0				
								403	100	100			
								507	100	100			
								710	100	100			
								Mean =	75	100	.	.	.

Column 48 Footnote: density per 2 meter squared

Column 50 Footnote: density per 2 meter squared

# Purdue University

Weed Code Crop Code Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Assessed By ARM Action Codes # Subsamples, Dec.									PHYAM ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	ZEAMX YIELD LB 9/Nov/2006 Harvest	ZEAMX YIELD BU 9/Nov/2006 Harvest
									EC + GK + AW Seed %	2 EC + GK + AW Count	EC + GK + AW Seed%	1	1
													TY1 1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	51	52	53	54	55
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	101				29	181.5
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	404				36	221.1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	506				34	208.1
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	713	0			34	213.1
	Mean =								0	.	.	33	205.9
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	102				32	200.7
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	412				35	218.0
								501				34	209.3
								802	0			35	215.5
	Mean =								0	.	.	34	210.9
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	103				31	191.4
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	402				31	192.6
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	606				37	228.5
								705				35	217.4
	Mean =								.	.	.	34	207.5
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	104				30	188.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	407				31	193.9
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	603				33	205.0
								707				31	188.9
	Mean =								.	.	.	31	194.0
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	105				29	181.5
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	406				34	209.3
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	511				32	198.8
								813				33	202.5
	Mean =								.	.	.	32	198.0
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	106				31	190.1
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	311				28	170.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	510				35	216.8
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	809				34	208.1
	Mean =								.	.	.	32	196.3
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	107				37	227.3
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	410				33	203.1
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	509				32	198.2
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	709				33	206.9
	Mean =								.	.	.	34	208.9
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	108				30	188.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	408				33	201.9
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	504		1	100	36	221.1
								703				31	194.5
	Mean =								.	1	100	33	201.4
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	109				30	188.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	301				32	198.8
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	502				33	203.1
								804				34	208.7
	Mean =								.	.	.	32	199.7

# Purdue University

Weed Code Crop Code Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Assessed By ARM Action Codes # Subsamples, Dec.									PHYAM ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	ZEAMX YIELD LB 9/Nov/2006 Harvest	ZEAMX YIELD BU 9/Nov/2006 Harvest
									EC + GK + AW Seed %	2 EC + GK + AW Count	EC + GK + AW Seed%	1	1  TY1 1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	51	52	53	54	55
10	HARNESX XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	110				30	183.9
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	312				32	198.8
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	604				33	205.0
								711				36	220.5
	Mean =								.	.	.	33	202.1
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	111				32	197.0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	307				31	190.1
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	609		1	0	34	208.7
								704				33	206.2
	Mean =								.	1	0	32	200.5
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	112				30	183.3
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	304				35	216.1
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	610				31	189.5
								808				33	201.3
	Mean =								.	.	.	32	197.6
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	113				24	148.0
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	313				33	201.3
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	512				33	205.6
								806				31	192.6
	Mean =								.	.	.	30	186.9
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	201				35	216.1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	411				32	200.7
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	601		1	0	35	214.3
								801				38	235.3
	Mean =								.	1	0	35	216.6
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	202				37	227.3
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	401				33	205.0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	505		2	0	35	215.5
								701				36	224.8
	Mean =								.	2	0	35	218.2
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	203				34	211.8
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	413				34	208.1
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	611		1	0	35	214.3
								702				31	193.9
	Mean =								.	1	0	33	207.0
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	204				32	197.0
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	302				33	203.8
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	612				25	154.2
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	807				35	216.8
	Mean =								.	.	.	31	192.9
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	205				33	205.0
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	308				31	192.6
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	503				32	198.8
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	706				33	206.2
	Mean =								.	.	.	32	200.7

# Purdue University

Weed Code Crop Code Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Assessed By ARM Action Codes # Subsamples, Dec.									PHYAM ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	DATST ZEAMX Count  8/Sep/2006 Mature	ZEAMX YIELD LB 9/Nov/2006 Harvest	ZEAMX YIELD BU 9/Nov/2006 Harvest
									EC + GK + AW Seed %	2 EC + GK + AW Count	EC + GK + AW Seed%	1	1  TY1 1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	51	52	53	54	55
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	206				30	184.6
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	310				32	197.0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	613				34	213.1
								805				37	226.7
	Mean =								.	.	.	33	205.3
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	207				32	195.1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	305				33	205.0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	605				37	229.8
								812				34	208.7
	Mean =								.	.	.	34	209.6
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	208				34	207.5
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	409				31	193.9
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	602				34	207.5
								811				36	224.8
	Mean =								.	.	.	34	208.4
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	209				32	196.3
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	303				32	197.6
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	607				34	207.5
								810				33	203.1
	Mean =								.	.	.	32	201.1
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	210				31	193.2
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	306				33	205.0
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	513				35	216.8
								708				32	196.3
	Mean =								.	.	.	33	202.8
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	211				31	190.1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	405				36	221.1
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	508				34	210.0
								712				34	208.7
	Mean =								.	.	.	34	207.5
25	Weed free check							212				32	197.0
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	309				34	210.6
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	608				35	216.8
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	803				36	221.1
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
	Mean =								.	.	.	34	211.3
26	non-treated check							213				20	125.1
								403				30	184.6
								507				26	157.9
								710				29	179.6
	Mean =								.	.	.	26	161.8

Column 52 Footnote: density per 2 meter squared

Column 54 Footnote: Harvested 2 rows by 25 foot

Column 55: TY1 = 6.1934\*[C54]

Footnote: Harvested 2 rows by 25 foot

# Purdue University

## ROUNDUP READY CORN SELECTION PRESSURE STUDY

Trial ID: 06S-THP-CTC-03  
 Location: TPAC

Study Dir.: Vince Davis  
 Investigator: Dr. Mark M. Loux

								SETFA ZEAMX Count	SETFA ZEAMX Count	CHEAL ZEAMX Count	ABUTH ZEAMX Count	ZEAMX PHYGEN %	SETFA ZEAMX Control %
								30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006
								V3-V4	V3-V4	V3-V4	V3-V4	V3-V4	V3-V4
								15	15	15	15	15	15
								0-3"	3-6"	0-3"	0-3"		
								2	2	2	2		
Tri	Treatment	Rate	Product	Product	Grow	Appl		1	2	3	4	5	6
No.	Name	Rate	Unit	Rate	Rate Unit	Stg	Code						
1	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B	79 a	47 a	24 a	3 a	0 a	13 c
	Roundup WeatherMAX AMS	1.12 2.5	LB AE/A LB A/A	32 2.5	FL OZ/A LB/A	LAPOWE LAPOWE	C C						
2	Roundup WeatherMAX AMS	1.12 2.5	LB AE/A LB A/A	32 2.5	FL OZ/A LB/A	LAPOWE LAPOWE	C C	1 c				0 a	
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	68 a	4 a	2 b	3 a	0 a	80 b
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	33 b		4 b	1 a	0 a	95 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	26 bc		3 b	1 a	0 a	96 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	10 bc			1 a	0 a	98 a
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	10 bc		4 b	1 a	0 a	96 a
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	2 c		1 b	3 a	0 a	100 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	0 c		3 b	3 a	0 a	100 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	1 c			2 a	0 a	99 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	15 bc			1 a	0 a	93 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	8 bc		1 b	1 a	0 a	97 a
	Roundup WeatherMAX AMS	0.75 2.5	LB AE/A LB A/A	21.3 2.5	FL OZ/A LB/A	EAPOWE EAPOWE	B B						

# Purdue University

Weed Code								SETFA	SETFA	CHEAL	ABUTH	ZEAMX	SETFA
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	PHYGEN	Control
Rating Unit												%	%
Rating Date								30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006
Crop Stage								V3-V4	V3-V4	V3-V4	V3-V4	V3-V4	V3-V4
Crop Stage Scale								15	15	15	15	15	15
Weed Stage								0-3"	3-6"	0-3"	0-3"		
Weed Density, Unit													
Footnote Number								2	2	2	2		
Assessed By													
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
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	3 c				0 a	100 a
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					0 a	
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					0 a	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A					0 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
25	Weed free check							0 c		0 b	0 a	0 a	100 a
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						

# Purdue University

Weed Code								SETFA	SETFA	CHEAL	ABUTH		SETFA
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	PHYGEN	Control
Rating Unit												%	%
Rating Date								30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006	30/May/2006
Crop Stage								V3-V4	V3-V4	V3-V4	V3-V4	V3-V4	V3-V4
Crop Stage Scale								15	15	15	15	15	15
Weed Stage								0-3"	3-6"	0-3"	0-3"		
Weed Density, Unit													
Footnote Number								2	2	2	2		
Assessed By													
ARM Action Codes													
# Subsamples, Dec.													
Trt	Treatment		Rate	Rate	Product	Product	Grow	Appl					
No.	Name			Unit	Rate	Rate	Unit	Stg	Code				
26	non-treated check									1	2	3	4
													5
													6
													0 a
													0 d
LSD (P=.05)								28.3	53.8	18.0	3.9	0.0	11.4
Standard Deviation								19.6	17.7	11.0	2.6	0.0	8.0
CV								107.68	69.06	242.35	163.23	0.0	9.59
Grand Mean								18.23	25.63	4.56	1.58	0.0	83.3
Bartlett's X2								58.336	4.254	19.898	9.184	0.0	94.474
P(Bartlett's X2)								0.001*	0.039*	0.001*	0.102	.	0.001*
Replicate F								0.567	0.467	0.391	0.823	0.000	1.098
Replicate Prob(F)								0.6408	0.7358	0.7631	0.5044	1.0000	0.3617
Treatment F								6.762	11.945	1.798	0.591	0.000	68.802
Treatment Prob(F)								0.0001	0.0745	0.2123	0.8052	1.0000	0.0001

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

- Column 1 Footnote: density per 2 meter squared
- Column 2 Footnote: density per 2 meter squared
- Column 3 Footnote: density per 2 meter squared
- Column 4 Footnote: density per 2 meter squared

# Purdue University

Weed Code								CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Control	Control	Control	Control	Control	Control
Rating Unit								%	%	%	%	%	%
Rating Date								30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage								V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale								15	15	18"	18"	18"	18"
Weed Stage													
Weed Density, Unit													
Footnote Number													
Assessed By										EC + GK	EC+GK	EC+GK	EC+GK
ARM Action Codes													
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	0 d	0 d	99 a	99 a	98 a	99 a
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C			0 d	0 c	0 c	0 c
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	97 abc	88 c				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	96 bc	98 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	97 abc	99 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	100 a	100 a				
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	95 c	99 a				
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	100 ab	90 bc				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	99 ab	95 ab				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	100 a	99 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	100 a	100 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	100 a	100 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	100 a	100 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						

# Purdue University

Weed Code								CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Control	Control	Control	Control	Control	Control
Rating Unit								%	%	%	%	%	%
Rating Date								30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006
Crop Stage								V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6
Crop Stage Scale								15	15	18"	18"	18"	18"
Weed Stage													
Weed Density, Unit													
Footnote Number													
Assessed By										EC + GK	EC+GK	EC+GK	EC+GK
ARM Action Codes													
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A			86 ab	91 a	92 a	95 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A			86 ab	86 a	98 a	97 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A			92 ab	91 a	99 a	98 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A			98 a	100 a	99 a	98 a
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A			72 b	94 a	98 a	97 a
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A			96 a	98 a	97 a	99 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A			98 a	100 a	98 a	100 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A			100 a	100 a	99 a	100 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A			95 ab	100 a	100 a	100 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A			99 a	100 a	100 a	100 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A			100 a	100 a	100 a	100 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
25	Weed free check							100 a	100 a	25 c	25 b	25 b	25 b
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						

# Purdue University

Weed Code							CHEAL	ABUTH	SETFA	CHEAL	ABUTH	AMASS	
Crop Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type							Control	Control	Control	Control	Control	Control	
Rating Unit							%	%	%	%	%	%	
Rating Date							30/May/2006	30/May/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	
Crop Stage							V3-V4	V3-V4	V5-V6	V5-V6	V5-V6	V5-V6	
Crop Stage Scale							15	15	18"	18"	18"	18"	
Weed Stage													
Weed Density, Unit													
Footnote Number													
Assessed By									EC + GK	EC+GK	EC+GK	EC+GK	
ARM Action Codes													
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
26	non-treated check							0 d	0 d	0 d	0 c	0 c	0 c
LSD (P=.05)							3.7	6.0	23.9	20.3	19.5	19.2	
Standard Deviation							2.6	4.2	16.7	14.2	13.7	13.5	
CV							3.05	5.07	21.91	18.01	17.04	16.71	
Grand Mean							84.57	83.39	76.33	78.91	80.16	80.52	
Bartlett's X2							11.856	42.631	122.314	59.991	103.735	94.999	
P(Bartlett's X2)							0.037*	0.001*	0.001*	0.001*	0.001*	0.001*	
Replicate F							3.877	1.805	1.625	0.465	1.338	1.237	
Replicate Prob(F)							0.0164	0.1628	0.1993	0.7083	0.2761	0.3093	
Treatment F							771.779	282.831	18.951	27.394	30.330	31.541	
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)

# Purdue University

Weed Code								SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL	ABUTH
Crop Code								ZEAMX						
Rating Data Type								Count						
Rating Unit														
Rating Date								12/Jun/2006						
Crop Stage								V5-V6						
Crop Stage Scale								18"	18"	18"	18"	18"	18"	18"
Weed Stage								0-3"	3-6"	6" +	0-3"	3-6"	6" +	0-3"
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	2
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18	19
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	27 ab			5 ab			4 ab
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	9 b	9 ab	56 a	18 a	20 a	15 a	1 b
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A				17 a	6 a	2 a	1 b
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	12 ab				2 a		1 b
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	20 ab						
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							

# Purdue University

Weed Code								SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL	ABUTH
Crop Code								ZEAMX						
Rating Data Type								Count						
Rating Unit														
Rating Date								12/Jun/2006						
Crop Stage								V5-V6						
Crop Stage Scale								18"	18"	18"	18"	18"	18"	18"
Weed Stage								0-3"	3-6"	6" +	0-3"	3-6"	6" +	0-3"
Weed Density, Unit														
Footnote Number								2	2	2	2	2	2	2
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18	19
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	19 ab	4 b	14 a	1 b	1 a	2 a	1 b
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	12 ab	5 ab	13 a	13 ab	2 a	2 a	7 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	46 a	8 ab	3 a	2 b	1 a	2 a	1 b
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	44 a	9 ab	2 a				1 b
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A							
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	32 ab	14 a	31 a	5 ab	2 a		2 b
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	26 ab	3 b					1 b
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	7 b	1 b					1 b
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	6 b						1 b
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	9 b	4 b	6 a				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	6 b	1 b					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	2 b						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
25	Weed free check							35 ab	3 b		1 b	0 a	7 a	
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A							
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							

# Purdue University

Weed Code							SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL	ABUTH		
Crop Code							ZEAMX	ZEAMX							
Rating Data Type							Count								
Rating Unit															
Rating Date							12/Jun/2006								
Crop Stage							V5-V6								
Crop Stage Scale							18"	18"	18"	18"	18"	18"	18"		
Weed Stage							0-3"	3-6"	6" +	0-3"	3-6"	6" +	0-3"		
Weed Density, Unit															
Footnote Number							2	2	2	2	2	2	2		
Assessed By															
ARM Action Codes															
# Subsamples, Dec.															
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18	19	
26	non-treated check														
LSD (P=.05)							34.9	9.7	67.0	13.6	53.3	136.3	4.3		
Standard Deviation							24.2	6.4	42.6	8.7	15.2	13.1	2.5		
CV							125.07	119.35	238.13	109.7	358.75	264.25	137.79		
Grand Mean							19.34	5.36	17.87	7.9	4.23	4.97	1.82		
Bartlett's X2							47.858	15.518	22.54	20.959	4.982	4.08	0.546		
P(Bartlett's X2)							0.001*	0.017*	0.001*	0.001*	0.026*	0.043*	0.761		
Replicate F							1.433	0.874	0.489	1.380	0.149	0.112	0.183		
Replicate Prob(F)							0.2515	0.4778	0.6977	0.3048	0.8700	0.9042	0.9039		
Treatment F							1.363	1.518	0.843	2.689	0.595	0.521	2.081		
Treatment Prob(F)							0.2241	0.2307	0.5648	0.0760	0.7465	0.7753	0.1903		

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

- Column 13 Footnote: density per 2 meter squared
- Column 14 Footnote: density per 2 meter squared
- Column 15 Footnote: density per 2 meter squared
- Column 16 Footnote: density per 2 meter squared
- Column 17 Footnote: density per 2 meter squared
- Column 18 Footnote: density per 2 meter squared
- Column 19 Footnote: density per 2 meter squared

# Purdue University

Weed Code								ABUTH	ABUTH	AMARE	AMARE	SETFA	CHEAL	ABUTH
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Control	Control	Control
Rating Unit												%	%	%
Rating Date								12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	5/Jul/2006	5/Jul/2006	5/Jul/2006
Crop Stage								V5-V6	V5-V6	V5-V6	V5-V6	V10-V12	V10-V12	V10-V12
Crop Stage Scale								18"	18"	18"	18"	5-6'	5-6'	5-6'
Weed Stage								3-6"	6" +	0-3"	3-6"	36"	36"	30"
Weed Density, Unit												12 YD2	2 YD2	2 YD2
Footnote Number								2	2	2	2			
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	20	21	22	23	24	25	26
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			11 b		95 a	99 a	100 a
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	1	1	31 ab	3	97 a	100 a	98 ab
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C							
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					63 e	95 ab	75 c
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A					73 cde	94 ab	75 c
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					69 de	87 b	81 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					76 cd	96 a	91 abc
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					74 cd	93 ab	78 bc
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A							
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A					83 bc	97 a	95 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	3				94 a	98 a	87 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A					90 ab	99 a	84 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A					91 ab	99 a	91 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A					95 a	100 a	100 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A					99 a	100 a	96 ab
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B							
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							



# Purdue University

Weed Code								ABUTH	ABUTH	AMARE	AMARE	SETFA	CHEAL	ABUTH
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Control %	Control %	Control %
Rating Unit														
Rating Date								12/Jun/2006	12/Jun/2006	12/Jun/2006	12/Jun/2006	5/Jul/2006	5/Jul/2006	5/Jul/2006
Crop Stage								V5-V6	V5-V6	V5-V6	V5-V6	V10-V12	V10-V12	V10-V12
Crop Stage Scale								18"	18"	18"	18"	5-6'	5-6'	5-6'
Weed Stage								3-6"	6" +	0-3"	3-6"	36"	36"	30"
Weed Density, Unit												12 YD2	2 YD2	2 YD2
Footnote Number								2	2	2	2			
Assessed By														
ARM Action Codes														
# Subsamples, Dec.														
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	20	21	22	23	24	25	26
26	non-treated check											0 f	0 c	0 d
LSD (P=.05)								.	.	52.1	.	10.0	8.3	19.8
Standard Deviation								.	.	35.3	.	7.1	5.9	14.0
CV								.	.	145.96	.	8.15	6.22	15.53
Grand Mean								0.47	0.5	24.2	3.0	87.17	94.29	90.23
Bartlett's X2								.	.	21.208	.	93.003	90.266	72.057
P(Bartlett's X2)								.	.	0.012*	.	0.001*	0.001*	0.001*
Replicate F										0.972		0.529	3.291	1.624
Replicate Prob(F)										0.4254		0.6637	0.0251	0.1909
Treatment F										2.013		33.950	44.221	8.371
Treatment Prob(F)										0.0804		0.0001	0.0001	0.0001

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

Column 20 Footnote: density per 2 meter squared

Column 21 Footnote: density per 2 meter squared

Column 22 Footnote: density per 2 meter squared

Column 23 Footnote: density per 2 meter squared

# Purdue University

Weed Code								AMASS	AMASS	AMASS	AMASS	AMASS	SETFA
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Control	Count	Count	Count	Count	Count
Rating Unit								%					
Rating Date								5/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								V10-V12	Mature	Mature	Mature	Mature	Mature
Crop Stage Scale								5-6'					
Weed Stage								30"					
Weed Density, Unit								1 YD2					
Footnote Number													3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 1	Count 2	Seed %	Seed %	Count 1
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	27	28	29	30	31	32
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	82 abc	6 bcd	13 ab	3 f	23 c-f	6 bc
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	91 ab	6 bcd	3 c	10 ef	10 ef	3 c
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	51 de	8 bcd	16 a	65 a-d	77 a	20 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	39 e	4 bcd	7 bc	33 def	60 abc	13 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	45 e	9 bc	3 c	47 b-f	72 a	16 ab
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	43 e	7 bcd	10 abc	34 c-f	57 abc	12 abc
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	46 e	6 bcd	9 abc	45 b-f	72 a	10 abc
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	78 bc	3 bcd	5 bc	50 b-e	60 abc	8 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	90 ab	1 cd		83 ab		10 abc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	89 abc	2 cd	5 bc	75 a-d	48 a-e	5 bc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	70 cd	2 cd	7 abc	67 a-d	63 ab	4 bc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	93 ab	2 cd	12 abc	80 abc	50 a-d	7 bc
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	100 a	1 cd		100 a		1 c
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B						
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						

# Purdue University

Weed Code Crop Code Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Assessed By ARM Action Codes # Subsamples, Dec.								AMASS ZEAMX Control %	AMASS ZEAMX Count	AMASS ZEAMX Count	AMASS ZEAMX Count	AMASS ZEAMX Count	SETFA ZEAMX Count
								5/Jul/2006 V10-V12 5-6' 30" 1 YD2	8/Sep/2006 Mature	8/Sep/2006 Mature	8/Sep/2006 Mature	8/Sep/2006 Mature	8/Sep/2006 Mature
									EC + GK + AW Count 1	EC + GK + AW Count 2	EC + GK + AW Seed %	EC + GK + AW Seed %	EC + GK + AW Count 1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	27	28	29	30	31	32
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	87 abc	11 ab	8 abc	28 def	25 b-f	12 abc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	84 abc	7 bcd	7 bc	13 ef	12 def	12 abc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	81 abc	7 bcd	4 bc	3 f	0 f	7 abc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	90 ab	5 bcd	4 bc	17 ef	25 b-f	4 bc
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	81 abc	19 a	7 abc	31 def	0 f	2 c
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A						
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	95 ab	2 cd	3 c	0 f	0 f	4 bc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	93 ab	3 bcd	3 c	33 c-f	0 f	2 c
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	97 ab	3 bcd		0 f		3 bc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	98 a	3 bcd		0 f		1 c
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	99 a	1 d		0 f		0 c
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	100 a	2 cd		50 b-e		8 abc
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						
25	Weed free check							93 ab	3 bcd	5 bc	0 f	0 f	3 bc
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B						
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B						
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C						
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C						

# Purdue University

Weed Code								AMASS	AMASS	AMASS	AMASS	AMASS	SETFA
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Control	Count	Count	Count	Count	Count
Rating Unit								%					
Rating Date								5/Jul/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								V10-V12	Mature	Mature	Mature	Mature	Mature
Crop Stage Scale								5-6'					
Weed Stage								30"					
Weed Density, Unit								1 YD2					
Footnote Number													3
Assessed By									EC + GK + AW				
ARM Action Codes									Count 1	Count 2	Seed %	Seed %	Count 1
# Subsamples, Dec.													
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	27	28	29	30	31	32
26	non-treated check							0 f	4 bcd	5 bc	50 b-e	58 abc	20 a
LSD (P=.05)								19.8	8.2	9.2	47.2	38.4	13.3
Standard Deviation								14.0	5.8	6.4	33.0	26.6	9.3
CV								18.12	119.91	93.24	93.77	74.88	125.97
Grand Mean								77.29	4.83	6.81	35.2	35.56	7.39
Bartlett's X2								75.813	55.883	22.293	28.268	11.516	32.459
P(Bartlett's X2)								0.001*	0.001*	0.174	0.078	0.568	0.039*
Replicate F								3.090	1.808	1.519	0.520	0.817	2.748
Replicate Prob(F)								0.0321	0.1570	0.2283	0.6705	0.4946	0.0547
Treatment F								12.672	1.859	1.353	3.345	4.603	1.470
Treatment Prob(F)								0.0001	0.0293	0.2194	0.0001	0.0001	0.1324

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

Column 32 Footnote: density count per 1 square meter

# Purdue University

Weed Code								SETFA	SETFA	SETFA	IPOSS	IPOSS
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number								3	3	3	3	3
Assessed By								EC + GK + AW				
ARM Action Codes								Count 2	Seed %	Seed %	Count 1	Count 2
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	33	34	35	36	37
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	8 b-e	74 abc	61 bc	2 ab	2 a
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	9 a-e	83 ab	89 abc	2 ab	1 a
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	10 a-e	95 a	95 a	2 ab	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	14 a-d	77 abc	88 abc	1 b	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	22 a	93 a	95 a	2 ab	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	17 ab	86 ab	91 ab	1 b	1 a
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	12 a-e	83 abc	89 abc	1 b	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	13 a-e	67 abc	98 a	1 b	
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	7 b-e	98 a	97 a	1 b	
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	8 b-e	88 ab	96 a	3 a	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	11 a-e	99 a	61 c	1 b	3 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	3 cde	95 a	100 a	1 b	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A		100 a		2 ab	1 a
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					

# Purdue University

Weed Code								SETFA	SETFA	SETFA	IPOSS	IPOSS
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number								3			3	3
Assessed By								EC + GK + AW				
ARM Action Codes								Count 2	Seed %	Seed %	Count 1	Count 2
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	33	34	35	36	37
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	2 de	45 c	100 a	1 b	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	16 abc	100 a	80 abc		1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	6 b-e	96 a	100 a	2 ab	1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	12 a-e	88 ab	98 a	1 b	2 a
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		100 a		2 ab	1 a
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	4 b-e	67 abc	85 abc	1 ab	1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	1 de	50 bc	100 a	2 ab	1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	0 e	75 abc			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A		100 a	100 a	1 b	1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A				3 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	6 b-e	75 abc	100 a	1 b	1 a
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
25	Weed free check							3 b-e	85 ab	100 a		
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					

# Purdue University

Weed Code								SETFA	SETFA	SETFA	IPOSS	IPOSS	
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type								Count	Count	Count	Count	Count	
Rating Unit													
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	
Crop Stage								Mature	Mature	Mature	Mature	Mature	
Crop Stage Scale													
Weed Stage													
Weed Density, Unit													
Footnote Number								3			3	3	
Assessed By								EC + GK + AW					
ARM Action Codes								Count 2	Seed %	Seed %	Count 1	Count 2	
# Subsamples, Dec.													
Trt	Treatment	Rate	Rate	Product	Product	Grow	Appl						
No.	Name		Unit	Rate	Rate	Unit	Stg	Code					
26	non-treated check								33	34	35	36	37
									16 abc	100 a	100 a		1 a
LSD (P=.05)								13.5	37.6	30.5	1.2	8.2	
Standard Deviation								9.4	26.3	21.1	0.8	0.8	
CV								103.92	31.06	22.95	55.49	64.71	
Grand Mean								9.02	84.66	91.97	1.46	1.23	
Bartlett's X2								15.092	35.039	34.22	5.33	0.0	
P(Bartlett's X2)								0.372	0.006*	0.001*	0.62	.	
Replicate F								2.602	0.380	0.823	0.048	0.028	
Replicate Prob(F)								0.0690	0.7679	0.4910	0.9854	0.9733	
Treatment F								1.517	1.391	1.194	1.688	1.352	
Treatment Prob(F)								0.1404	0.1745	0.3204	0.1511	0.5989	

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

Column 33 Footnote: density count per 1 square meter

Column 36 Footnote: density count per 1 square meter

Column 37 Footnote: density count per 1 square meter

# Purdue University

Weed Code								IPOSS	IPOSS	ABUTH	ABUTH	ABUTH
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number										3	3	
Assessed By								EC + GK + AW				
ARM Action Codes								Seed%	Seed%	Count 1	Count 2	Seed %
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	38	39	40	41	42
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	0 b				
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	100 a	100	1		50
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	100 a				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	50 ab	0			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	100 a	100			
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	0 b				
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	100 a		1		
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	0 b				
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	50 ab	0			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	100 a	30			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	0 b	0			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	0 b	33			
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					

# Purdue University

Weed Code								IPOSS	IPOSS	ABUTH	ABUTH	ABUTH
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit										3	3	
Footnote Number												
Assessed By								EC + GK + AW				
ARM Action Codes								Seed%	Seed%	Count 1	Count 2	Seed %
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	38	39	40	41	42
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	50 ab				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A		0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	0 b	0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	0 b	0			
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	100 a	0			
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	33 ab	0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	0 b	0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	33 ab	100			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	0 b				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	33 ab	0			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
25	Weed free check											
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					

# Purdue University

Weed Code								IPOSS	IPOSS	ABUTH	ABUTH	ABUTH		
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
Rating Data Type								Count	Count	Count	Count	Count		
Rating Unit														
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006		
Crop Stage								Mature	Mature	Mature	Mature	Mature		
Crop Stage Scale														
Weed Stage														
Weed Density, Unit														
Footnote Number										3	3			
Assessed By								EC + GK + AW						
ARM Action Codes								Seed%	Seed%	Count 1	Count 2	Seed %		
# Subsamples, Dec.														
Trt	Treatment		Rate	Rate	Product	Product	Grow	Appl						
No.	Name			Unit	Rate	Rate	Unit	Stg	Code					
26	non-treated check									38	39	40	41	42
											100	1		100
LSD (P=.05)								68.8	.	.	.	.	.	
Standard Deviation								45.4	.	.	.	.	.	
CV								112.07	.	.	.	.	.	
Grand Mean								40.48	11.04	0.44	.	50.0		
Bartlett's X2								0.126	.	.	.	.		
P(Bartlett's X2)								0.998	.	.	.	.		
Replicate F								0.193						
Replicate Prob(F)								0.8995						
Treatment F								3.540						
Treatment Prob(F)								0.0095						

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

Column 40 Footnote: density count per 1 square meter

Column 41 Footnote: density count per 1 square meter

# Purdue University

Weed Code								ABUTH	CHEAL	CHEAL	CHEAL	CHEAL
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number									3	3		
Assessed By								EC + GK + AW				
ARM Action Codes								Seed%	Count 1	Count 2	Seed %	Seed %
# Subsamples, Dec.												
Trt	Treatment	Rate	Rate	Product	Product	Grow	Appl	43	44	45	46	47
No.	Name	Unit	Unit	Rate	Rate	Stg	Code					
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			1	50	0
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B		1		ab	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C		3		0	
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				b	
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		1		100	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B				a	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A		1		50	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B				ab	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		1		50	
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A				ab	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		1		100	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A				a	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A		1		50	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B				ab	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A		1		100	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B				a	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A		1		0	
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B				b	
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					

# Purdue University

Weed Code								ABUTH	CHEAL	CHEAL	CHEAL	CHEAL
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number									3	3		
Assessed By								EC + GK + AW				
ARM Action Codes								Seed%	Count 1	Count 2	Seed %	Seed %
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	43	44	45	46	47
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		2 b		0 b	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A		1 b	5	50 ab	0
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A		2 b		50 ab	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A		1 b		50 ab	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A		1 b		100 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A		1 b		0 b	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A					
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A		2 b		100 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					
25	Weed free check								1 b		0 b	
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B					
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B					
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C					
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C					

# Purdue University

Weed Code							ABUTH	CHEAL	CHEAL	CHEAL	CHEAL	
Crop Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Rating Data Type							Count	Count	Count	Count	Count	
Rating Unit												
Rating Date							8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	
Crop Stage							Mature	Mature	Mature	Mature	Mature	
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number								3	3			
Assessed By							EC + GK + AW					
ARM Action Codes							Seed%	Count 1	Count 2	Seed %	Seed %	
# Subsamples, Dec.												
Trt	Treatment	Rate	Rate	Product	Product	Grow	Appl					
No.	Name		Unit	Rate	Rate	Unit	Code	43	44	45	46	47
26	non-treated check								8 a	12	75 ab	100
LSD (P=.05)							.	4.5	.	86.2	.	
Standard Deviation							.	2.9	.	55.4	.	
CV							.	173.7	.	107.79	.	
Grand Mean							.	1.67	4.78	51.39	33.33	
Bartlett's X2							.	7.504	.	0.549	.	
P(Bartlett's X2)							.	0.057	.	0.997	.	
Replicate F								0.186		0.407		
Replicate Prob(F)								0.9036		0.7508		
Treatment F								1.244		1.962		
Treatment Prob(F)								0.3635		0.1287		

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

Column 44 Footnote: density count per 1 square meter

Column 45 Footnote: density count per 1 square meter

# Purdue University

Weed Code								XANST	XANST	PHYAM	PHYAM	DATST
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number								2	2	2	2	2
Assessed By								EC + GK + AW				
ARM Action Codes								Count	Seed %	Count	Seed %	Count
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	48	49	50	51	52
1	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.	1	0	.
	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE C		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE C		.	.			.
2	Roundup WeatherMAX AMS	1.12	LB AE/A	32	FL OZ/A	LAPOWE C		.	.	1	0	.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	LAPOWE C		.	.			.
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE A		1	100	.	.	.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE A		1	100	.	.	.
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE A		.	.			.
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE A		.	.			1
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE A		.	.			1
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE A		.	.			.
	Roundup WeatherMAX AMS	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE B		.	.			.
	Roundup WeatherMAX AMS	2.5	LB A/A	2.5	LB/A	EAPOWE B		.	.			.

# Purdue University

Weed Code								XANST	XANST	PHYAM	PHYAM	DATST
Crop Code								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	Count	Count	Count	Count
Rating Unit												
Rating Date								8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage								Mature	Mature	Mature	Mature	Mature
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number								2	2	2	2	2
Assessed By								EC + GK + AW				
ARM Action Codes								Count	Seed %	Count	Seed %	Count
# Subsamples, Dec.												
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	48	49	50	51	52
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	.	.	.	1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	.	.	.	.	2
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	.	.	.	.	1
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	.	.	.	.
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	.	.	.	.
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.
25	Weed free check							.	.	.	.	.
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	.	.	.	.	.
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B	.	.	.	.	.
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C	.	.	.	.	.
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C	.	.	.	.	.

# Purdue University

Weed Code							XANST	XANST	PHYAM	PHYAM	DATST
Crop Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Data Type							Count	Count	Count	Count	Count
Rating Unit											
Rating Date							8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006	8/Sep/2006
Crop Stage							Mature	Mature	Mature	Mature	Mature
Crop Stage Scale											
Weed Stage											
Weed Density, Unit											
Footnote Number							2		2		2
Assessed By							EC + GK + AW				
ARM Action Codes							Count	Seed %	Count	Seed %	Count
# Subsamples, Dec.											
Trt	Treatment	Rate	Rate	Product	Product	Grow	Appl				
No.	Name		Unit	Rate	Rate	Unit	Code	48	49	50	51
26	non-treated check							.	.	.	.
LSD (P=.05)							.	.	.	.	.
Standard Deviation							.	.	.	.	.
CV							.	.	.	.	.
Grand Mean							1.0	100.0	1.0	0.0	1.2
Bartlett's X2							.	.	.	.	.
P(Bartlett's X2)							.	.	.	.	.
Replicate F											
Replicate Prob(F)											
Treatment F											
Treatment Prob(F)											

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

Column 48 Footnote: density per 2 meter squared  
 Column 50 Footnote: density per 2 meter squared  
 Column 52 Footnote: density per 2 meter squared

# Purdue University

Weed Code								DATST	ZEAMX	ZEAMX
Crop Code								ZEAMX	YIELD	YIELD
Rating Data Type								Count	LB	BU
Rating Unit								8/Sep/2006	9/Nov/2006	9/Nov/2006
Rating Date								Mature	Harvest	Harvest
Crop Stage										
Crop Stage Scale										
Weed Stage										
Weed Density, Unit									1	1
Footnote Number										
Assessed By								EC + GK + AW		
ARM Action Codes								Seed%		TY1
# Subsamples, Dec.										1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	53	54	55
1	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B	.	33 a-d	205.9 a-d
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C			
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C			
2	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C	.	34 abc	210.9 abc
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C			
3	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	34 abc	207.5 abc
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
4	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	.	31 cd	194.0 cd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
5	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	.	32 bcd	198.0 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
6	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	32 cd	196.3 cd
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
7	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	34 abc	208.9 abc
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A			
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
8	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	100	33 a-d	201.4 a-d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
9	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	.	32 a-d	199.7 a-d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
10	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	.	33 a-d	202.1 a-d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
11	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	0	32 a-d	200.5 a-d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
12	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	.	32 bcd	197.6 bcd
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
13	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	.	30 d	186.9 d
	Roundup WeatherMAX	0.75	LB AE/A	21.3	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			

# Purdue University

Weed Code								DATST	ZEAMX	ZEAMX	ZEAMX
Crop Code								ZEAMX	YIELD	YIELD	YIELD
Rating Data Type								Count	LB	BU	BU
Rating Unit											
Rating Date								8/Sep/2006	9/Nov/2006	9/Nov/2006	
Crop Stage								Mature	Harvest	Harvest	
Crop Stage Scale											
Weed Stage											
Weed Density, Unit									1	1	
Footnote Number											
Assessed By								EC + GK + AW			
ARM Action Codes								Seed%			TY1
# Subsamples, Dec.											1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	53	54	55	
14	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	0	35 ab	216.6 ab	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
15	ATRAZINE	1.5	LB A/A	1.5	QT/A	PREPRE	A	0	35 a	218.2 a	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
16	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A	0	33 abc	207.0 abc	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
17	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	31 cd	192.9 cd	
	BALANCE PRO	0.047	LB A/A	1.5	FL OZ/A	PREPRE	A				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
18	ATRAZINE	1	LB A/A	1	QT/A	PREPRE	A	.	32 a-d	200.7 a-d	
	SIMAZINE	1	LB A/A	1	QT/A	PREPRE	A				
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
19	HARNESS XTRA 5.6	1.68	LB A/A	1.2	QT/A	PREPRE	A	.	33 a-d	205.3 a-d	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
20	HARNESS XTRA 5.6	2.52	LB A/A	1.8	QT/A	PREPRE	A	.	34 abc	209.6 abc	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
21	HARNESS XTRA 5.6	3.36	LB A/A	2.4	QT/A	PREPRE	A	.	34 abc	208.4 abc	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
22	LEXAR	1.57	LB A/A	1.7	QT/A	PREPRE	A	.	32 a-d	201.1 a-d	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
23	LEXAR	2.22	LB A/A	2.4	QT/A	PREPRE	A	.	33 a-d	202.8 a-d	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
24	LEXAR	3.24	LB A/A	3.5	QT/A	PREPRE	A	.	34 abc	207.5 abc	
	Roundup WeatherMAX	1.12	LB AE/A	32	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				
25	Weed free check							.	34 abc	211.3 abc	
	ATRAZINE	2	LB A/A	2	QT/A	PREPRE	A				
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	EAPOWE	B				
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B				
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	LAPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	LAPOWE	C				

# Purdue University

Weed Code								DATST		
Crop Code								ZEAMX	ZEAMX	ZEAMX
Rating Data Type								Count	YIELD	YIELD
Rating Unit									LB	BU
Rating Date								8/Sep/2006	9/Nov/2006	9/Nov/2006
Crop Stage								Mature	Harvest	Harvest
Crop Stage Scale										
Weed Stage										
Weed Density, Unit										
Footnote Number									1	1
Assessed By								EC + GK + AW		
ARM Action Codes								Seed%		TY1
# Subsamples, Dec.										1
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	53	54	55
26	non-treated check							.	26 e	161.8 e
LSD (P=.05)								.	3.1	19.27
Standard Deviation								.	2.2	13.63
CV								.	6.75	6.75
Grand Mean								20.0	32.62	202.04
Bartlett's X2								.	24.546	24.547
P(Bartlett's X2)								.	0.488	0.488
Replicate F									7.270	7.272
Replicate Prob(F)									0.0002	0.0002
Treatment F									2.557	2.557
Treatment Prob(F)									0.0010	0.0010

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

Column 54 Footnote: Harvested 2 rows by 25 foot

Column 55: TY1 = 6.1934\*[C54]

Footnote: Harvested 2 rows by 25 foot