

Purdue University

ROUNDUP READY CORN SELECTION PRESSURE STUDY

Trial ID: 07S-THP-CTC-03
Location: Throckmorton

Protocol ID: 07S-THP-CTC-03
Study Director: Vince Davis / Kevin Westerfeld
Investigator: Dr. William G. Johnson

General Trial Information

Study Director: Vince Davis / Kevin Westerfeld **Title:** Research Associate
Affiliation: Purdue University
Postal Code: 47907 **E-mail:** davisv@purdue.edu/kwesterf@purdue.edu
Investigator: Dr. William G. Johnson **Title:** Associate Professor
Affiliation: Purdue University
Postal Code: 47907 **E-mail:** wgj@purdue.edu

Trial Location

City: Lafayette **Trial Status:** ESTABLISHED
State/Prov.: IN
Postal Code: 47909-9049
Country: USA
Directions:
Field 4B

Objectives:

The objective of this study is to evaluate the reduction in competitive load with various soil applied herbicide treatments in Roundup Ready corn.

Cooperator/Landowner

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

Crop Description

Crop 1: ZEAMX Zea mays **Corn**
Variety: DKC 60-18 **Description:** RR2, YGPL
BBCH Scale: BCOR **Planting Date:** Apr/24/2007
Planting Method: DIRECT DRILLED **Rate, Unit:** 32000 S/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN
Seed Bed: MEDIUM **Soil Temperature, Unit:** 58 F
Soil Moisture: Moist **Emergence Date:** May/02/2007
Harvest Date: Sep/27/2007 **Harvest Equipment:** Gleaner Combine
Harvested Width, Unit: 5 FT **Harvested Length, Unit:** 25 FT
% Standard Moisture: 20.7 **Moisture Meter:** Harvest Master
Weighing Equipment: Carter Manufacturing

Pest Description

Pest 1 Type: W **Code:** SETFA **Setaria faberi**
Common Name: Giant foxtail

Pest 2 Type: W **Code:** AMBTR **Ambrosia trifida**
Common Name: Giant Ragweed

Pest 3 Type: W **Code:** CHEAL **Chenopodium album**
Common Name: Common lambsquarters

Pest 4 Type: W **Code:** ABUTH **Abutilon theophrasti**
Common Name: Velvetleaf

Pest 5 Type: W **Code:** AMARE **Amaranthus retroflexus**
Common Name: Carelessweed
Description: Redroot pigweed

Pest 6 Type: W **Code:** ECHCG **Echinochloa crus-galli**
Common Name: Common barnyardgrass

Pest 7 Type: W **Code:** CYPES **Cyperus esculentus**
Common Name: Yellow nutsedge
Description: Yellow nutsedge

Pest 8 Type: W **Code:** SOLPT **Solanum ptycanthum**
Common Name: Eastern black nightshade

Purdue University

Pest 9 Type: W **Code:** IPOHE Ipomoea hederacea
Common Name: Ivyleaf morningglory

Pest10 Type: W **Code:** SIDSP Sida spinosa
Common Name: Teaweed
Description: Prickly sida

Pest11 Type: W **Code:** HIBTR Hibiscus trionum
Common Name: Venice mallow

Pest12 Type: W **Code:** TAROF Taraxacum officinale
Common Name: Common dandelion

Site and Design

Plot Width, Unit: 10 FT **Site Type:** FIELD
Plot Length, Unit: 30 FT **Tillage Type:** CONVENTIONAL-TILL
Replications: 4 **Study Design:** Randomized Complete Block
Soil Drainage: G Good

Maintenance

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.	Apr/23/2007	UAN	28	%	L	56	GPA

Field Prep./Maintenance:

Field disked on 4/21/07; field cultivated on 4/23/07

Soil Description

Description Name: TPAC Field 4B
% OM: 2.9 **Texture:** Silt loam
pH: 6.2 **Soil Name:** Toronto-Millbrook
CEC: 13.3

Analyzed By:

A&L Great Lakes Laboratories

Additional Measured Elements

Element	Quantity	Unit
K	124	ppm
Mg	430	ppm
Ca	1400	ppm
P	34	ppm

Moisture and Weather Conditions

Closest Weather Station: On research station **Distance:** 0.5 **Unit:** MI

Application Description

	A	B	C
Application Date:	Apr/24/2007	May/18/2007	Jun/05/2007
Time of Day:	11:00 AM		1:30-2:00
Application Method:	Spray	Spray	Spray
Application Timing:	A: PREPRE	B: EAPOWE	C: LAPOWE
Application Placement:	BROSOI	BANFOL	BROFOL
Applied By:	KW AW	KW MK	KW VM
Air Temperature, Unit:	69 F	41 F	75 F
% Relative Humidity:	72	100	70
Wind Velocity, Unit:	4 MPH	0 MPH	2.5 MPH
Wind Direction:	NE	SW	NW
Dew Presence (Y/N):	N	Y	N
Water Hardness:	Hard	Hard	Hard
Soil Temperature, Unit:	58 F	50 F	74 F
Soil Moisture:	Moist	Moist	Moist
% Cloud Cover:	0	0	85

Purdue University

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:	BBCH	BBCH	BBCH
Stage Majority, Percent:	Preplant	V2	V5-6
Height, Unit:		4 IN	16 IN
Height Minimum, Maximum:			12 20

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Disc., Scale:	SETFA W	SETFA W	SETFA W
Stage Majority, Percent:			1-3Til
Height, Unit:		2 IN	6 IN
Height Minimum, Maximum:		1 3	3 10
Density, Unit:		225 YD2	585 YD2
Pest 2 Code, Disc., Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:			8 node
Height, Unit:		2 IN	10 IN
Height Minimum, Maximum:		1 3	3 18
Density, Unit:		27 YD2	7 YD2
Pest 3 Code, Disc., Scale:	CHEAL W	CHEAL W	CHEAL W
Stage Majority, Percent:			8 node
Height, Unit:		1.5 IN	4 IN
Height Minimum, Maximum:		1 2	1 8
Density, Unit:		11 YD2	2 YD2
Pest 4 Code, Disc., Scale:	ABUTH W	ABUTH W	ABUTH W
Height, Unit:		1.5 IN	
Height Minimum, Maximum:		1 2	
Density, Unit:		1 YD2	
Pest 5 Code, Disc., Scale:	AMARE W	AMARE W	AMARE W
Pest 6 Code, Disc., Scale:	ECHCG W	ECHCG W	ECHCG W
Pest 7 Code, Disc., Scale:	CYPES W	CYPES W	CYPES W
Pest 8 Code, Disc., Scale:	SOLPT W	SOLPT W	SOLPT W
Pest 9 Code, Disc., Scale:	IPOHE W	IPOHE W	IPOHE W
Pest10 Code, Disc., Scale:	SIDSP W	SIDSP W	SIDSP W
Pest11 Code, Disc., Scale:	HIBTR W	HIBTR W	HIBTR W
Pest12 Code, Disc., Scale:	TAROF W	TAROF W	TAROF W

Application Equipment

	A	B	C
Appl. Equipment:	Backpack	Backpack	Backpack
Operating Pressure, Unit:	17 PSI	17 PSI	17 PSI
Nozzle Type:	XR	XR	XR
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	15 IN	15 IN	15 IN
Nozzles/Row:	8	8	8
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:	H20	H20	H20
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Mix Size, Unit:	1.8 Liters	1.8 Liters	1.8 Liters
Propellant:	CO2	CO2	CO2

Purdue University

ROUNDUP READY CORN SELECTION PRESSURE STUDY

Trial ID: 07S-THP-CTC-03
Location: Throckmorton

Protocol ID: 07S-THP-CTC-03
Study Director: Vince Davis / Kevin Westerfeld
Investigator: Dr. William G. Johnson

Trial Comments

Purdue University

ROUNDUP READY CORN SELECTION PRESSURE STUDY

Trial ID: 07S-THP-CTC-03
 Location: Throckmorton

Protocol ID: 07S-THP-CTC-03
 Study Director: Vince Davis / Kevin Westerfeld
 Investigator: Dr. William G. Johnson

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR							
Pest Name	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA							
Rating Unit	%	%	%	%	%	%	%							
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2									
Footnote Number		1	2	3	4		1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	1	2	3	4	5	6	7
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		101	25.0	95.0	84.0	5.0	6.0	15.0	30.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		404	30.0	123.0	123.0	0.0	0.0	35.0	9.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C		704	83.0	14.0	12.0	2.0	0.0	27.0	49.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		1001	70.0	14.0	12.0	2.0	0.0	25.0	9.0
							Mean =	52.0	61.5	57.8	2.3	1.5	25.5	24.3
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C		102	33.0	15.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		307	15.0	20.0	.
							601	15.0	20.0	.
							809	87.0	50.0	.
							Mean =	37.5	26.3	.
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		103	40.0	163.0	163.0	0.0	0.0	40.0	33.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		401	67.0	74.0	74.0	0.0	0.0	30.0	57.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		804	90.0	3.0	3.0	0.0	0.0	65.0	6.0
							807	93.0	9.0	7.0	2.0	0.0	47.0	3.0
							Mean =	72.5	62.3	61.8	0.5	0.0	45.5	24.8
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A		104	50.0	202.0	202.0	0.0	0.0	47.0	24.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		411	50.0	145.0	145.0	0.0	0.0	55.0	3.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		706	80.0	21.0	21.0	0.0	0.0	25.0	19.0
							1003	73.0	16.0	13.0	3.0	0.0	25.0	7.0
							Mean =	63.3	96.0	95.3	0.8	0.0	38.0	13.3
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		105	65.0	136.0	136.0	0.0	0.0	60.0	15.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		509	85.0	18.0	18.0	0.0	0.0	80.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		802	70.0	10.0	7.0	3.0	0.0	57.0	1.0
							901	90.0	4.0	3.0	1.0	0.0	40.0	2.0
							Mean =	77.5	42.0	41.0	1.0	0.0	59.3	5.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		106	85.0	91.0	91.0	0.0	0.0	55.0	16.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A		403	90.0	53.0	53.0	0.0	0.0	55.0	12.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		609	77.0	44.0	44.0	0.0	0.0	35.0	24.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		902	90.0	1.0	1.0	0.0	0.0	30.0	4.0
							Mean =	85.5	47.3	47.3	0.0	0.0	43.8	14.0
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		107	55.0	239.0	239.0	0.0	0.0	40.0	32.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A		506	77.0	34.0	34.0	0.0	0.0	65.0	32.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		603	40.0	143.0	143.0	0.0	0.0	30.0	30.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		906	93.0	1.0	1.0	0.0	0.0	50.0	4.0
							Mean =	66.3	104.3	104.3	0.0	0.0	46.3	24.5

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR							
Pest Name	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant ragwe->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO							
Rating Unit	%	%	%	%	%	%	%							
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2							
Footnote Number		1	2	3	4		1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	1	2	3	4	5	6	7
8	HARNESXTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	108	96.0	16.0	16.0	0.0	0.0	60.0	24.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	310	93.0	14.0	14.0	0.0	0.0	80.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	707	96.0	3.0	2.0	1.0	0.0	15.0	21.0
							810	93.0	10.0	10.0	0.0	0.0	30.0	22.0
Mean =								94.5	10.8	10.5	0.3	0.0	46.3	17.0
9	HARNESXTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	109	97.0	10.0	10.0	0.0	0.0	40.0	21.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	407	96.0	5.0	5.0	0.0	0.0	67.0	11.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	801	94.0	1.0	1.0	0.0	0.0	55.0	2.0
							910	99.0	1.0	1.0	0.0	0.0	20.0	15.0
Mean =								96.5	4.3	4.3	0.0	0.0	45.5	12.3
10	HARNESXTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	110	99.0	1.0	1.0	0.0	0.0	75.0	9.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	308	98.0	2.0	2.0	0.0	0.0	86.0	11.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	701	98.0	4.0	4.0	0.0	0.0	55.0	6.0
							1007	98.0	2.0	2.0	0.0	0.0	25.0	4.0
Mean =								98.3	2.3	2.3	0.0	0.0	60.3	7.5
11	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	111	83.0	44.0	44.0	0.0	0.0	70.0	15.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	409	85.0	49.0	49.0	0.0	0.0	87.0	3.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	711	93.0	9.0	9.0	0.0	0.0	35.0	22.0
							1002	85.0	5.0	5.0	0.0	0.0	40.0	10.0
Mean =								86.5	26.8	26.8	0.0	0.0	58.0	12.5
12	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	201	95.0	42.0	42.0	0.0	0.0	83.0	4.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	410	85.0	42.0	42.0	0.0	0.0	85.0	3.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	606	70.0	69.0	69.0	0.0	0.0	55.0	13.0
							811	87.0	14.0	14.0	0.0	0.0	68.0	8.0
Mean =								84.3	41.8	41.8	0.0	0.0	72.8	7.0
13	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	202	95.0	19.0	19.0	0.0	0.0	70.0	10.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	503	90.0	11.0	11.0	0.0	0.0	85.0	4.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B	604	90.0	43.0	43.0	0.0	0.0	47.0	10.0
							806	98.0	2.0	1.0	1.0	0.0	65.0	4.0
Mean =								93.3	18.8	18.5	0.3	0.0	66.8	7.0
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	203	55.0	35.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	505	70.0	60.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	710	75.0	50.0	.
							1004	53.0	60.0	.
Mean =								63.3	51.3	.
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE	A	204	50.0	53.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	508	87.0	95.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	709	87.0	40.0	.
							905	80.0	45.0	.
Mean =								76.0	58.3	.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR							
Pest Name	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO							
Rating Unit	%	%	%	%	%	%	%							
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2							
Footnote Number		1	2	3	4		1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	1	2	3	4	5	6	7
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	205	50.0	50.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	406	50.0	50.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	611	80.0	55.0	.
							903	90.0	37.0	.
							Mean =	67.5	48.0	.
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	50.0	60.0	.
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	35.0	37.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	77.0	47.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	70.0	47.0	.
							Mean =	58.0	47.8	.
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	20.0	60.0	.
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	23.0	43.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	45.0	45.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	75.0	20.0	.
							Mean =	40.8	42.0	.
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	84.0	50.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	90.0	85.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	96.0	40.0	.
							904	97.0	30.0	.
							Mean =	91.8	51.3	.
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	96.0	45.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	99.0	35.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	98.0	40.0	.
							909	96.0	30.0	.
							Mean =	97.3	37.5	.
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	96.0	63.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	99.0	75.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	95.0	55.0	.
							907	98.0	57.0	.
							Mean =	97.0	62.5	.
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	73.0	33.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	83.0	55.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	83.0	25.0	.
							1005	91.0	50.0	.
							Mean =	82.5	40.8	.
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	95.0	90.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	87.0	85.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	93.0	60.0	.
							808	97.0	75.0	.
							Mean =	93.0	77.5	.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR							
Pest Name	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant ragwe->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO							
Rating Unit	%	%	%	%	%	%	%							
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2							
Footnote Number		1	2	3	4		1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	1	2	3	4	5	6	7
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE A		302	96.0	95.0	.
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C		408	93.0	90.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		602	87.0	57.0	.
							911	95.0	43.0	.
							Mean =	92.8	71.3	.
25	Weed free check						303	37.0	102.0	102.0	0.0	0.0	50.0	18.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	65.0	56.0	56.0	0.0	0.0	87.0	2.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	93.0	16.0	16.0	0.0	0.0	45.0	9.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	10.0	99.0	99.0	0.0	0.0	60.0	9.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C									
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C									
							Mean =	51.3	68.3	68.3	0.0	0.0	60.5	9.5
26	non-treated check						304	0.0	0.0	.
							510	0.0	0.0	.
							803	0.0	0.0	.
							1008	0.0	0.0	.
							Mean =	0.0	0.0	.
27	non-treated check						305	0.0	0.0	.
							309	0.0	0.0	.
							708	0.0	0.0	.
							805	0.0	0.0	.
							Mean =	0.0	0.0	.

Purdue University

							W Weed							
							AMBTR	AMBTR	CHEAL	CHEAL	AMARE	ECHCG		
							Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	Redroot pig>	Common barn>		
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
							Corn	Corn	Corn	Corn	Corn	Corn		
							DKC 60-18							
							PLAQUA P							
							May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007		
							COUPLA	COUPLA	CONTRO	COUPLA	COUPLA	COUPLA		
									%					
							V3	V3	V3	V3	V3	V3		
							2	3		1	1	1		
							VMD GK MK							
							24 0	24 0	24 0	24 0	24 0	24 0		
							24 DP-1							
Trt	Treatment	Rate	Other	Other	Growth	Appl								
No.	Name	Rate	Unit	Rate	Rate Unit	Stage	Code	Plot	8	9	10	11	12	13
25	Weed free check							303	18.0	0.0	97.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a		2 qt/a		PREPRE	A	507	2.0	0.0	100.0	6.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a		EAPOWE	B	703	9.0	0.0	100.0	2.0	0.0	0.0
	AMS	2.5 lb ai/a		2.5 lb/a		EAPOWE	B	1009	9.0	0.0	85.0	1.0	3.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a		2.5 lb/a		LAPOWE	C							
								Mean =	9.5	0.0	95.5	2.3	0.8	0.0
26	non-treated check							304	.	.	0.0	.	.	.
								510	.	.	0.0	.	.	.
								803	.	.	0.0	.	.	.
								1008	.	.	0.0	.	.	.
								Mean =	.	.	0.0	.	.	.
27	non-treated check							305	.	.	0.0	.	.	.
								309	.	.	0.0	.	.	.
								708	.	.	0.0	.	.	.
								805	.	.	0.0	.	.	.
								Mean =	.	.	0.0	.	.	.

Purdue University

							W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
							CYPES	ABUTH	SOLPT	IPOHE	SIDSP	HIBTR	TAROF	
							Yellow nuts->	Velvetleaf	Eastern bla	Ivyleaf mor->	Prickly sida	Venice mall->	Common dand->	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
							May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V3	V3	V3	V3	V3	V3	V3	
							1	1	1	1	1	1	1	
							VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	
							24 0	24 0	24 0	24 0	24 0	24 0	24 0	
							24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	14	15	16	17	18	19	20
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		0.0	4.0	2.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		0.0	2.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		0.0	1.0	0.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		0.0	0.0	0.0	1.0	0.0	3.0	0.0
	Mean =								0.0	1.8	0.5	0.5	0.0	0.8
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307	
						601	
						809	
	Mean =							
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		0.0	4.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		0.0	1.0	0.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		1.0	1.0	0.0	0.0	0.0	9.0	0.0
						807		0.0	1.0	0.0	1.0	0.0	1.0	0.0
	Mean =								0.3	1.8	0.0	0.5	0.0	2.5
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		0.0	2.0	0.0	1.0	0.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		0.0	2.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		0.0	1.0	0.0	1.0	0.0	0.0	0.0
						1003		0.0	3.0	0.0	0.0	0.0	0.0	0.0
	Mean =								0.0	2.0	0.0	0.5	0.0	0.0
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		0.0	2.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		0.0	0.0	0.0	0.0	3.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		1.0	3.0	0.0	1.0	0.0	2.0	0.0
						901		0.0	0.0	0.0	1.0	0.0	0.0	0.0
	Mean =								0.3	1.3	0.0	0.5	0.8	0.5
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		0.0	1.0	0.0	2.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		0.0	1.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		0.0	0.0	0.0	3.0	0.0	0.0	0.0
	Mean =								0.0	0.5	0.0	1.3	0.0	0.0
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		0.0	0.0	0.0	1.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		0.0	4.0	0.0	1.0	0.0	0.0	0.0
	Mean =								0.0	1.0	0.0	0.5	0.0	0.0
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		0.0	1.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		0.0	0.0	0.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		22.0	0.0	0.0	0.0	0.0	1.0	0.0
						810		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =								5.5	0.3	0.0	0.3	0.0	0.3

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	CYPES	ABUTH	SOLPT	IPOHE	SIDSP	HIBTR	TAROF							
Pest Name	Yellow nuts->	Velvetleaf	Eastern bla->	Ivyleaf mor->	Prickly sida	Venice mall->	Common dand->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA							
Rating Unit														
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit														
Footnote Number	1	1	1	1	1	1	1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	14	15	16	17	18	19	20
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006
	Mean =						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908
	Mean =						
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705
							904
	Mean =						
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608
							909
	Mean =						
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511
							907
	Mean =						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610
							1005
	Mean =						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702
							808
	Mean =						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602
							911
	Mean =						

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	CYPES	ABUTH	SOLPT	IPOHE	SIDSP	HIBTR	TAROF							
Pest Name	Yellow nuts->	Velvetleaf	Eastern bla->	Ivyleaf mor->	Prickly sida	Venice mall->	Common dand->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007							
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA							
Rating Unit														
Crop Stage	V3	V3	V3	V3	V3	V3	V3							
Pest Stage														
Pest Density, Unit														
Footnote Number	1	1	1	1	1	1	1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK							
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0							
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	14	15	16	17	18	19	20
25	Weed free check						303	0.0	4.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	3.0	1.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	1.0	1.0	0.0	2.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	0.0	2.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C									
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C									
	Mean =							1.0	2.0	0.0	0.5	0.0	0.0	0.0
26	non-treated check						304
							510
							803
							1008
	Mean =						
27	non-treated check						305
							309
							708
							805
	Mean =						

Purdue University

							W Weed						
							SETFA						
							Giant foxta>						
							ZEAMX						
							BCOR						
							Corn						
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007						
							CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
							V5-6						
							65 YD2						
							1	2	3	5	6		
							KW VM BN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
							44 2	44 2	44 2	44 2	44 2	44 2	44 2
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	21	22	23	24	25	26
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		95.0	83.0	83.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		95.0	72.0	70.0	2.0	0.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		95.0	25.0	25.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		95.0	13.0	4.0	9.0	0.0	0.0
Mean =								95.0	48.3	45.5	2.8	0.0	0.0
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		0.0	87.0	42.0	18.0	0.0	9.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		0.0	116.0	44.0	8.0	17.0	26.0
						601		0.0	145.0	42.0	10.0	25.0	15.0
						809		0.0	12.0	1.0	0.0	0.0	9.0
Mean =								0.0	90.0	32.3	9.0	10.5	14.8
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		95.0
						807		98.0
Mean =								95.8
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		95.0
						1003		95.0
Mean =								95.0
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		97.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		95.0
						901		95.0
Mean =								95.5
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		98.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		99.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		98.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		100.0
Mean =								98.8
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		95.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		97.0
Mean =								95.5
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		98.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		98.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		98.0
						810		98.0
Mean =								98.0

Purdue University

							W Weed						
							SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	
							Giant foxta>						
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							65 YD2						
							1	2	3	5	6		
							KW VM BN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	21	22	23	24	25	26
9	HARNESXTRA 5.6	2.52	1.8	qt/a	PREPRE	A	109	98.0
	Roundup WeatherMAX	0.75	21.3	fl oz/a	EAPOWE	B	407	100.0
	AMS	2.5	2.5	lb/a	EAPOWE	B	801	100.0
							910	0.0
Mean =								74.5
10	HARNESXTRA 5.6	3.36	2.4	qt/a	PREPRE	A	110	99.0
	Roundup WeatherMAX	0.75	21.3	fl oz/a	EAPOWE	B	308	97.0
	AMS	2.5	2.5	lb/a	EAPOWE	B	701	100.0
							1007	99.0
Mean =								98.8
11	LEXAR	1.57	1.7	qt/a	PREPRE	A	111	95.0
	Roundup WeatherMAX	0.75	21.3	fl oz/a	EAPOWE	B	409	96.0
	AMS	2.5	2.5	lb/a	EAPOWE	B	711	98.0
							1002	96.0
Mean =								96.3
12	LEXAR	2.22	2.4	qt/a	PREPRE	A	201	98.0
	Roundup WeatherMAX	0.75	21.3	fl oz/a	EAPOWE	B	410	96.0
	AMS	2.5	2.5	lb/a	EAPOWE	B	606	99.0
							811	98.0
Mean =								97.8
13	LEXAR	3.24	3.5	qt/a	PREPRE	A	202	97.0
	Roundup WeatherMAX	0.75	21.3	fl oz/a	EAPOWE	B	503	96.0
	AMS	2.5	2.5	lb/a	EAPOWE	B	604	98.0
							806	100.0
Mean =								97.8
14	ATRAZINE	1	1	qt/a	PREPRE	A	203	0.0	71.0	13.0	0.0	19.0	23.0
	Roundup WeatherMAX	1.12	32	fl oz/a	LAPOWE	C	505	0.0	61.0	22.0	0.0	6.0	15.0
	AMS	2.5	2.5	lb/a	LAPOWE	C	710	0.0	21.0	5.0	0.0	0.0	0.0
							1004	0.0	36.0	5.0	0.0	2.0	5.0
Mean =								0.0	47.3	11.3	0.0	6.8	10.8
15	ATRAZINE	1.5	1.5	qt/a	PREPRE	A	204	0.0	106.0	23.0	15.0	0.0	41.0
	Roundup WeatherMAX	1.12	32	fl oz/a	LAPOWE	C	508	0.0	36.0	19.0	0.0	5.0	12.0
	AMS	2.5	2.5	lb/a	LAPOWE	C	709	0.0	14.0	4.0	0.0	0.0	0.0
							905	20.0	8.0	0.0	0.0	0.0	4.0
Mean =								5.0	41.0	11.5	3.8	1.3	14.3
16	ATRAZINE	2	2	qt/a	PREPRE	A	205	0.0	120.0	36.0	16.0	0.0	21.0
	Roundup WeatherMAX	1.12	32	fl oz/a	LAPOWE	C	406	0.0	74.0	12.0	3.0	17.0	25.0
	AMS	2.5	2.5	lb/a	LAPOWE	C	611	0.0	25.0	4.0	0.0	0.0	21.0
							903	35.0	10.0	1.0	0.0	0.0	6.0
Mean =								8.8	57.3	13.3	4.8	4.3	18.3

Purdue University

							W Weed						
							SETFA	SETFA	SETFA	SETFA	SETFA	SETFA	
							Giant foxta>						
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							65 YD2						
							1	2	3	5	6		
							KW VM BN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	21	22	23	24	25	26
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	95.0	101.0	33.0	19.0	11.0	20.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	40.0	79.0	39.0	12.0	0.0	15.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	10.0	36.0	7.0	1.0	12.0	16.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	33.0	32.0	0.0	4.0	3.0	7.0
							Mean =	44.5	62.0	19.8	9.0	6.5	14.5
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	0.0	117.0	30.0	3.0	7.0	20.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	0.0	217.0	16.0	0.0	5.0	155.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	0.0	74.0	30.0	0.0	8.0	36.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	22.0	8.0	0.0	0.0	0.0	7.0
							Mean =	5.5	104.0	19.0	0.8	5.0	54.5
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	0.0	48.0	12.0	14.0	0.0	12.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	40.0	37.0	3.0	3.0	22.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	45.0	18.0	2.0	0.0	11.0	5.0
							904	95.0	6.0	0.0	0.0	0.0	0.0
							Mean =	45.0	27.3	4.3	4.3	8.3	4.3
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	50.0	33.0	6.0	1.0	2.0	24.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	93.0	2.0	0.0	2.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	90.0	10.0	4.0	2.0	4.0	0.0
							909	95.0	9.0	0.0	1.0	3.0	5.0
							Mean =	82.0	13.5	2.5	1.5	2.3	7.3
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	50.0	19.0	8.0	8.0	2.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	95.0	3.0	1.0	1.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	87.0	5.0	0.0	0.0	0.0	3.0
							907	95.0	9.0	0.0	0.0	9.0	0.0
							Mean =	81.8	9.0	2.3	2.3	2.8	0.8
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	0.0	47.0	8.0	13.0	0.0	17.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	7.0	37.0	6.0	7.0	12.0	12.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	0.0	21.0	0.0	3.0	9.0	0.0
							1005	12.0	22.0	2.0	0.0	0.0	18.0
							Mean =	4.8	31.8	4.0	5.8	5.3	11.8
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	45.0	40.0	7.0	5.0	13.0	15.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	45.0	42.0	9.0	14.0	0.0	19.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	0.0	17.0	1.0	0.0	0.0	14.0
							808	80.0	5.0	0.0	1.0	0.0	4.0
							Mean =	42.5	26.0	4.3	5.0	3.3	13.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	83.0	38.0	8.0	11.0	6.0	13.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	88.0	29.0	9.0	16.0	4.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	0.0	54.0	8.0	5.0	15.0	15.0
							911	90.0	12.0	1.0	8.0	0.0	3.0
							Mean =	65.3	33.3	6.5	10.0	6.3	7.8

Purdue University

Pest Type	W Weed					
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA
Pest Name	Giant foxta>					
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	65 YD2					
Footnote Number		1	2	3	5	6
Assessed By	KW VM BN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						
Trt Treatment	Rate	Other	Other	Growth	Appl	
No. Name	Rate	Unit	Rate	Rate Unit	Stage	Code
						Plot
25 Weed free check						303
ATRAZINE	2 lb ai/a		2 qt/a	PREPRE	A	507
Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	703
AMS	2.5 lb ai/a		2.5 lb/a	EAPOWE	B	1009
Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C	
AMS	2.5 lb ai/a		2.5 lb/a	LAPOWE	C	
						Mean =
						21
						22
						23
						24
						25
						26
26 non-treated check						304
						510
						803
						1008
						Mean =
27 non-treated check						305
						309
						708
						805
						Mean =

Purdue University

							W Weed						
							SETFA	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
							Giant foxta->	Giant ragwe->					
							ZEAMX						
							BCOR						
							Corn						
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007						
							COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
							V5-6						
							65 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2
							7		1	2	3	5	
							WGJAWVMBN						
							44 2	44 2	44 2	44 2	44 2	44 2	44 2
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	27	28	29	30	31	32
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101	0.0	90.0	19.0	17.0	2.0	0.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404	0.0	95.0	7.0	7.0	0.0	0.0	
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704	0.0	90.0	21.0	17.0	4.0	0.0	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001	0.0	98.0	5.0	4.0	1.0	0.0	
	Mean =							0.0	93.3	13.0	11.3	1.8	0.0
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102	18.0	0.0	29.0	6.0	0.0	0.0	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307	21.0	0.0	14.0	1.0	0.0	0.0	
						601	53.0	0.0	14.0	0.0	0.0	0.0	
						809	2.0	0.0	2.0	0.0	0.0	0.0	
	Mean =							23.5	0.0	14.8	1.8	0.0	0.0
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103	.	90.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401	.	93.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804	.	95.0	
						807	.	93.0	
	Mean =							.	92.8
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104	.	90.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411	.	98.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706	.	80.0	
						1003	.	92.0	
	Mean =							.	90.0
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105	.	95.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509	.	95.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802	.	95.0	
						901	.	95.0	
	Mean =							.	95.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106	.	96.0	
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403	.	93.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609	.	95.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902	.	95.0	
	Mean =							.	94.8
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107	.	95.0	
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506	.	93.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603	.	95.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906	.	92.0	
	Mean =							.	93.8
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108	.	5.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310	.	93.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707	.	88.0	
						810	.	98.0	
	Mean =							.	71.0

Purdue University

								W Weed						
								SETFA	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	
								Giant ragwe>						
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
								Corn	Corn	Corn	Corn	Corn	Corn	
								DKC 60-18						
								PLAQUA P						
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
								COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
								65 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2	
								7		1	2	3	5	
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
								44 2	44 2	44 2	44 2	44 2	44 2	
								44 DP-1						
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	27	28	29	30	31	32
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109	.	78.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	.	90.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801	.	97.0
								910	3.0	95.0
Mean =									3.0	90.0
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110	.	88.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308	.	95.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701	.	96.0
								1007	.	93.0
Mean =									.	93.0
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111	.	90.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409	.	94.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711	.	93.0
								1002	.	95.0
Mean =									.	93.0
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201	.	93.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410	.	95.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606	.	96.0
								811	.	93.0
Mean =									.	94.3
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202	.	95.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503	.	95.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604	.	93.0
								806	.	95.0
Mean =									.	94.5
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	16.0	0.0	6.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	16.0	0.0	7.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	16.0	0.0	9.0	4.0	0.0	0.0
								1004	24.0	0.0	2.0	0.0	0.0	0.0
Mean =									18.0	0.0	6.0	1.0	0.0	0.0
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	27.0	0.0	9.0	0.0	0.0	4.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	0.0	35.0	4.0	1.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	10.0	0.0	18.0	1.0	0.0	0.0
								905	4.0	0.0	3.0	0.0	0.0	0.0
Mean =									10.3	8.8	8.5	0.5	0.0	1.0
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	47.0	0.0	8.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	17.0	0.0	7.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	0.0	0.0	16.0	4.0	1.0	0.0
								903	3.0	0.0	12.0	6.0	0.0	0.0
Mean =									16.8	0.0	10.8	2.5	0.3	0.0

Purdue University

							W Weed						
							SETFA	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
							Giant ragwe->						
							ZEAMX						
							BCOR						
							Corn						
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007						
							COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
							V5-6						
							65 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2
							7		1	2	3	5	
							WGJAWVMBN						
							44 2	44 2	44 2	44 2	44 2	44 2	44 2
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	27	28	29	30	31	32
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	18.0	0.0	5.0	0.0	0.0	2.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	13.0	0.0	5.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	0.0	0.0	16.0	3.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	18.0	7.0	2.0	0.0	0.0	2.0
							Mean =	12.3	1.8	7.0	0.8	0.0	1.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	57.0	0.0	13.0	1.0	0.0	1.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	41.0	0.0	4.0	1.0	0.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	0.0	0.0	8.0	1.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	1.0	0.0	29.0	6.0	0.0	0.0
							Mean =	24.8	0.0	13.5	2.3	0.0	0.5
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	10.0	0.0	17.0	6.0	0.0	5.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	9.0	0.0	10.0	6.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	0.0	0.0	23.0	4.0	0.0	0.0
							904	6.0	0.0	6.0	3.0	0.0	0.0
							Mean =	6.3	0.0	14.0	4.8	0.0	1.3
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	0.0	0.0	21.0	7.0	3.0	6.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	0.0	0.0	39.0	9.0	6.0	8.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	0.0	0.0	18.0	6.0	0.0	0.0
							909	0.0	0.0	9.0	1.0	0.0	0.0
							Mean =	0.0	0.0	21.8	5.8	2.3	3.5
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	1.0	0.0	31.0	12.0	6.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	1.0	0.0	6.0	0.0	3.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	2.0	0.0	15.0	7.0	0.0	0.0
							907	0.0	0.0	12.0	2.0	0.0	4.0
							Mean =	1.0	0.0	16.0	5.3	2.3	1.0
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	9.0	0.0	38.0	16.0	2.0	4.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	0.0	0.0	4.0	2.0	0.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	9.0	0.0	16.0	4.0	0.0	0.0
							1005	2.0	0.0	10.0	3.0	2.0	0.0
							Mean =	5.0	0.0	17.0	6.3	1.0	1.5
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	0.0	55.0	11.0	8.0	0.0	2.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	0.0	20.0	8.0	4.0	2.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	2.0	0.0	9.0	0.0	4.0	0.0
							808	0.0	0.0	4.0	1.0	0.0	0.0
							Mean =	0.5	18.8	8.0	3.3	1.5	0.5
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	0.0	95.0	3.0	3.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	0.0	10.0	4.0	2.0	1.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	11.0	0.0	5.0	1.0	2.0	0.0
							911	0.0	0.0	17.0	9.0	3.0	0.0
							Mean =	2.8	26.3	7.3	3.8	1.5	0.3

Purdue University

Pest Type	W Weed					
Pest Code	SETFA	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
Pest Name	Giant foxta->	Giant ragwe->				
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	65 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2
Footnote Number	7		1	2	3	5
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						
Trt Treatment	Rate	Other	Other	Growth	Appl	
No. Name	Rate	Unit	Rate	Rate Unit	Stage	Code Plot
						27
25 Weed free check						303
ATRAZINE	2 lb ai/a		2 qt/a	PREPRE	A	507
Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a	EAPOWE	B	703
AMS	2.5 lb ai/a		2.5 lb/a	EAPOWE	B	1009
Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a	LAPOWE	C	
AMS	2.5 lb ai/a		2.5 lb/a	LAPOWE	C	
						Mean =
						0.0 95.3 7.5 7.0 0.5 0.0
26 non-treated check						304
						510
						803
						1008
						Mean =
						23.5 0.0 7.8 1.5 1.0 0.0
27 non-treated check						305
						309
						708
						805
						Mean =
						33.3 0.0 7.0 0.5 0.0 0.0

Purdue University

							W Weed						
							AMBTR	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL	
							Giant ragwe>	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							7 YD2	7 YD2	7 YD2	7 YD2	1 YD2	1 YD2	
							6	7	8	9		1	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	33	34	35	36	37	38
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		0.0	0.0	0.0	0.0	98.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		0.0	0.0	0.0	0.0	93.0	25.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		0.0	0.0	0.0	0.0	50.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		0.0	0.0	0.0	0.0	0.0	89.0
	Mean =								0.0	0.0	0.0	0.0	60.3
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		3.0	20.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		5.0	8.0	0.0	0.0	0.0	26.0
						601		0.0	0.0	14.0	0.0	50.0	5.0
						809		0.0	1.0	1.0	0.0	0.0	1.0
	Mean =								2.0	7.3	3.8	0.0	12.5
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		95.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		98.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		100.0	.
						807		100.0	.
	Mean =								98.3
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		100.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		100.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		95.0	.
						1003		100.0	.
	Mean =								98.8
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		100.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		100.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		100.0	.
						901		100.0	.
	Mean =								100.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		99.0	.
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		100.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		100.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		100.0	.
	Mean =								99.8
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		100.0	.
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		100.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		95.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		95.0	.
	Mean =								97.5
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		100.0	.
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		100.0	.
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		100.0	.
						810		100.0	.
	Mean =								100.0

Purdue University

							W Weed							
							AMBTR	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL		
							Giant ragwe>	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>		
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
							Corn	Corn	Corn	Corn	Corn	Corn		
							DKC 60-18							
							PLAQUA P							
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007		
							COUPLA	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA		
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6		
							7 YD2	7 YD2	7 YD2	7 YD2	1 YD2	1 YD2		
							6	7	8	9		1		
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN		
							44 2	44 2	44 2	44 2	44 2	44 2		
							44 DP-1							
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	33	34	35	36	37	38
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109	100.0	.
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	100.0	.
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801	100.0	.
								910	100.0	.
		Mean =							100.0	.
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110	100.0	.
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308	100.0	.
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701	100.0	.
								1007	100.0	.
		Mean =							100.0	.
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111	100.0	.
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409	100.0	.
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711	100.0	.
								1002	98.0	.
		Mean =							99.5	.
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201	100.0	.
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410	100.0	.
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606	100.0	.
								811	100.0	.
		Mean =							100.0	.
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202	100.0	.
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503	100.0	.
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604	100.0	.
								806	100.0	.
		Mean =							100.0	.
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	1.0	5.0	0.0	0.0	100.0	1.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	5.0	2.0	0.0	0.0	95.0	4.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	0.0	1.0	4.0	0.0	42.0	5.0
								1004	0.0	0.0	2.0	0.0	0.0	25.0
		Mean =							1.5	2.0	1.5	0.0	59.3	8.8
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	5.0	0.0	0.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	3.0	0.0	0.0	0.0	45.0	5.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	0.0	9.0	8.0	0.0	90.0	0.0
								905	0.0	1.0	2.0	0.0	0.0	0.0
		Mean =							2.0	2.5	2.5	0.0	58.8	1.3
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	0.0	7.0	1.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	7.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	0.0	7.0	4.0	0.0	100.0	0.0
								903	2.0	1.0	3.0	0.0	0.0	2.0
		Mean =							2.3	3.8	2.0	0.0	50.0	0.5

Purdue University

							W Weed						
							AMBTR	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL	
							Giant ragwe>	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							7 YD2	7 YD2	7 YD2	7 YD2	1 YD2	1 YD2	
							6	7	8	9		1	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	33	34	35	36	37	38
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	0.0	3.0	0.0	0.0	50.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	2.0	1.0	2.0	0.0	85.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	6.0	7.0	0.0	0.0	50.0	3.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	0.0	0.0	0.0	0.0	0.0	3.0
							Mean =	2.0	2.8	0.5	0.0	46.3	1.5
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	3.0	8.0	0.0	0.0	95.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	0.0	2.0	0.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	1.0	6.0	0.0	0.0	50.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	2.0	0.0	11.0	0.0	0.0	5.0
							Mean =	1.5	4.0	2.8	0.0	61.3	1.3
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	1.0	5.0	0.0	0.0	75.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	3.0	0.0	1.0	0.0	90.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	0.0	0.0	19.0	0.0	75.0	1.0
							904	1.0	0.0	2.0	0.0	45.0	2.0
							Mean =	1.3	1.3	5.5	0.0	71.3	0.8
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	0.0	5.0	0.0	0.0	95.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	7.0	9.0	0.0	0.0	50.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	3.0	4.0	5.0	0.0	100.0	0.0
							909	2.0	5.0	1.0	0.0	0.0	0.0
							Mean =	3.0	5.8	1.5	0.0	61.3	0.3
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	8.0	4.0	1.0	0.0	100.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	2.0	1.0	0.0	0.0	100.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	1.0	5.0	2.0	0.0	100.0	0.0
							907	4.0	1.0	1.0	0.0	0.0	8.0
							Mean =	3.8	2.8	1.0	0.0	75.0	2.3
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	9.0	1.0	6.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	0.0	0.0	0.0	0.0	100.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	2.0	5.0	5.0	0.0	100.0	0.0
							1005	0.0	4.0	1.0	0.0	35.0	9.0
							Mean =	2.8	2.5	3.0	0.0	83.8	2.3
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	0.0	1.0	0.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	1.0	1.0	0.0	0.0	95.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	2.0	2.0	1.0	0.0	50.0	4.0
							808	0.0	3.0	0.0	0.0	50.0	0.0
							Mean =	0.8	1.8	0.3	0.0	73.8	1.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	0.0	0.0	0.0	0.0	100.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	0.0	0.0	0.0	0.0	95.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	1.0	1.0	0.0	0.0	100.0	0.0
							911	3.0	2.0	0.0	0.0	0.0	1.0
							Mean =	1.0	0.8	0.0	0.0	73.8	0.5

Purdue University

							W Weed						
							CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	
							Common lamb>						
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							1 YD2						
							2	3	5	6	7	8	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	39	40	41	42	43	44
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		25.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		2.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		89.0	0.0	0.0	0.0	0.0	0.0
Mean =								29.0	0.0	0.0	0.0	0.0	0.0
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		0.0	10.0	12.0	4.0	0.0	0.0
						601		3.0	0.0	2.0	0.0	0.0	0.0
						809		0.0	0.0	0.0	0.0	1.0	0.0
Mean =								0.8	2.5	3.5	1.0	0.3	0.0
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804	
						807	
Mean =							
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706	
						1003	
Mean =							
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802	
						901	
Mean =							
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106	
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902	
Mean =							
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107	
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906	
Mean =							
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707	
						810	
Mean =							

Purdue University

								W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
								CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL							
								Common lamb>	Common lamb>	Common lamb>	Common lamb>	Common lamb>	Common lamb>							
Pest Type	Pest Code	Pest Name	Crop Code	BBCH Scale	Crop Name	Crop Variety	Part Rated	Rating Date	Rating Data Type	Rating Unit	Crop Stage	Pest Stage	Pest Density, Unit	Footnote Number	Assessed By	Days After First/Last Applic.	Plant-Eval Interval	ARM Action Codes	Number of Decimals	
								Jun/07/2007	COUPLA		V5-6		1 YD2	2	WGJAWVMBN	44 2	44 DP-1			
								Jun/07/2007	COUPLA		V5-6		1 YD2	3	WGJAWVMBN	44 2	44 DP-1			
								Jun/07/2007	COUPLA		V5-6		1 YD2	5	WGJAWVMBN	44 2	44 DP-1			
								Jun/07/2007	COUPLA		V5-6		1 YD2	6	WGJAWVMBN	44 2	44 DP-1			
								Jun/07/2007	COUPLA		V5-6		1 YD2	7	WGJAWVMBN	44 2	44 DP-1			
								Jun/07/2007	COUPLA		V5-6		1 YD2	8	WGJAWVMBN	44 2	44 DP-1			
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	39	40	41	42	43	44						
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801
								910
								Mean =	0.0
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701
								1007
								Mean =
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711
								1002
								Mean =
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606
								811
								Mean =
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604
								806
								Mean =
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
								1004	0.0	0.0	2.0	0.0	12.0	11.0						
								Mean =	0.8	0.0	1.0	1.0	3.0	3.0						
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	4.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
								905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
								Mean =	1.0	0.0	0.0	0.3	0.0	0.0						
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
								903	0.0	0.0	0.0	1.0	1.0	0.0						
								Mean =	0.0	0.0	0.0	0.3	0.3	0.0						

Purdue University

							W Weed						
							CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	
							Common lamb>						
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							1 YD2						
							2	3	5	6	7	8	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	39	40	41	42	43	44
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	0.0	0.0	0.0	0.0	0.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	3.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	0.0	0.0	0.0	3.0	0.0	0.0
							Mean =	0.8	0.0	0.0	0.8	0.0	0.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	0.0	0.0	0.0	0.0	0.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	0.0	0.0	0.0	0.0	5.0	0.0
							Mean =	0.0	0.0	0.0	0.0	1.3	0.0
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	0.0	0.0	0.0	0.0	1.0	0.0
							904	0.0	0.0	0.0	2.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.5	0.3	0.0
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	0.0	1.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	0.0	0.0	0.0	0.0	0.0	0.0
							909	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.3	0.0	0.0	0.0	0.0
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	0.0	1.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	0.0	0.0	0.0	0.0	0.0	0.0
							907	2.0	0.0	0.0	1.0	5.0	0.0
							Mean =	0.5	0.3	0.0	0.3	1.3	0.0
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	0.0	0.0	0.0	0.0	0.0	0.0
							1005	0.0	0.0	4.0	4.0	1.0	0.0
							Mean =	0.0	0.0	1.0	1.0	0.3	0.0
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	3.0	0.0	1.0	0.0	0.0	0.0
							808	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =	0.8	0.0	0.3	0.0	0.0	0.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	0.0	1.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	0.0	0.0	0.0	0.0	0.0	0.0
							911	0.0	0.0	0.0	1.0	0.0	0.0
							Mean =	0.0	0.3	0.0	0.3	0.0	0.0

Purdue University

								W Weed					
								CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL
								Common lamb>					
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P					
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
								1 YD2					
								2	3	5	6	7	8
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
								44 2	44 2	44 2	44 2	44 2	44 2
								44 DP-1					
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	39	40	41	42	43	44
25	Weed free check						303	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	1.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
							Mean =	0.3	0.0	0.0	0.0	0.0	0.0
26	non-treated check						304	4.0	0.0	0.0	14.0	4.0	0.0
							510	4.0	0.0	4.0	2.0	1.0	0.0
							803	3.0	0.0	0.0	0.0	0.0	1.0
							1008	0.0	0.0	5.0	5.0	0.0	0.0
							Mean =	2.8	0.0	2.3	5.3	1.3	0.3
27	non-treated check						305	2.0	1.0	10.0	0.0	2.0	0.0
							309	9.0	4.0	1.0	1.0	0.0	0.0
							708	5.0	0.0	0.0	0.0	1.0	3.0
							805	0.0	0.0	0.0	1.0	2.0	0.0
							Mean =	4.0	1.3	2.8	0.5	1.3	0.8

Purdue University

							W Weed						
							ABUTH						
							Velvetleaf						
							ZEAMX						
							BCOR						
							Corn						
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007						
							CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
							V5-6						
							1 YD2						
							1	1	2	3	5	6	
							WGJAWVMBN						
							44 2	44 2	44 2	44 2	44 2	44 2	44 2
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	45	46	47	48	49	50
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		100.0	1.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		95.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		100.0	1.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		100.0	0.0	0.0	0.0	0.0	0.0
Mean =								98.8	0.5	0.5	0.0	0.0	0.0
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		0.0	0.0	0.0	0.0	1.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		0.0	1.0	0.0	0.0	0.0	1.0
						601		100.0	0.0	0.0	0.0	0.0	0.0
						809		0.0	0.0	0.0	0.0	0.0	0.0
Mean =								25.0	0.3	0.0	0.0	0.3	0.5
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		95.0
						807		98.0
Mean =								97.0
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		95.0
						1003		99.0
Mean =								98.5
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		90.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		100.0
						901		100.0
Mean =								97.5
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		98.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		100.0
Mean =								98.3
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		100.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		100.0
Mean =								100.0
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		95.0
						810		100.0
Mean =								97.5

Purdue University

								W Weed						
								ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	
								Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
								Corn	Corn	Corn	Corn	Corn	Corn	
								DKC 60-18						
								PLAQUA P						
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
								CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
								1 YD2						
								1	2	3	5	6		
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN		
								44 2	44 2	44 2	44 2	44 2		
								44 DP-1						
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	45	46	47	48	49	50
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	98.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801	95.0
								910	95.0
								Mean =	97.0	0.0	0.0	0.0	0.0	0.0
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110	83.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308	98.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701	100.0
								1007	98.0
								Mean =	94.8
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711	100.0
								1002	100.0
								Mean =	100.0
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606	100.0
								811	100.0
								Mean =	100.0
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604	100.0
								806	99.0
								Mean =	99.8
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	50.0	3.0	0.0	0.0	0.0	3.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	0.0	0.0	0.0	0.0	0.0	0.0
								1004	0.0	4.0	0.0	0.0	0.0	0.0
								Mean =	37.5	1.8	0.0	0.0	0.0	0.8
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	0.0	1.0	0.0	0.0	0.0	1.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	90.0	1.0	0.0	0.0	0.0	0.0
								905	65.0	2.0	0.0	0.0	0.0	0.0
								Mean =	63.8	1.0	0.0	0.0	0.0	0.3
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	75.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	50.0	1.0	0.0	0.0	0.0	0.0
								903	50.0	0.0	0.0	0.0	0.0	0.0
								Mean =	43.8	0.3	0.0	0.0	0.0	0.0

Purdue University

							W Weed						
							ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	
							Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P						
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							1 YD2						
							1	1	2	3	5	6	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	45	46	47	48	49	50
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	100.0	0.0	0.0	0.0	0.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	50.0	2.0	0.0	2.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	25.0	0.0	0.0	0.0	0.0	0.0
							Mean =	43.8	0.5	0.0	0.5	0.0	0.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	100.0	0.0	0.0	0.0	0.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	50.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	30.0	0.0	0.0	0.0	0.0	0.0
							Mean =	70.0	0.0	0.0	0.0	0.0	0.0
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	75.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	0.0	2.0	0.0	1.0	1.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	50.0	0.0	0.0	0.0	0.0	0.0
							904	25.0	1.0	0.0	0.0	0.0	0.0
							Mean =	37.5	0.8	0.0	0.3	0.3	0.0
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	50.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	100.0	0.0	0.0	0.0	0.0	0.0
							909	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =	37.5	0.0	0.0	0.0	0.0	0.0
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	70.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	25.0	1.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	95.0	1.0	0.0	1.0	0.0	0.0
							907	0.0	2.0	0.0	0.0	0.0	0.0
							Mean =	47.5	1.0	0.0	0.3	0.0	0.0
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	100.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	100.0	0.0	0.0	0.0	0.0	0.0
							1005	50.0	0.0	0.0	0.0	0.0	0.0
							Mean =	87.5	0.0	0.0	0.0	0.0	0.0
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	100.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	50.0	0.0	0.0	0.0	0.0	0.0
							808	100.0	0.0	0.0	0.0	0.0	0.0
							Mean =	87.5	0.0	0.0	0.0	0.0	0.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	100.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	100.0	0.0	0.0	0.0	0.0	0.0
							911	50.0	0.0	0.0	0.0	0.0	0.0
							Mean =	87.5	0.0	0.0	0.0	0.0	0.0

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH							
Pest Name	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007							
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA							
Rating Unit													
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6							
Pest Stage													
Pest Density, Unit	1 YD2	1 YD2	1 YD2	1 YD2	1 YD2	1 YD2							
Footnote Number		1	2	3	5	6							
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN							
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2							
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1							
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	45	46	47	48	49	50
25	Weed free check						303	100.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	100.0	1.0	1.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	98.0	1.0	1.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
	Mean =							99.5	0.5	0.5	0.0	0.0	0.0
26	non-treated check						304	0.0	0.0	0.0	0.0	0.0	0.0
							510	0.0	0.0	0.0	0.0	0.0	0.0
							803	0.0	0.0	0.0	0.0	0.0	0.0
							1008	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =							0.0	0.0	0.0	0.0	0.0	0.0
27	non-treated check						305	0.0	0.0	0.0	0.0	0.0	0.0
							309	0.0	0.0	0.0	0.0	0.0	0.0
							708	0.0	3.0	3.0	0.0	0.0	0.0
							805	0.0	1.0	0.0	0.0	0.0	0.0
	Mean =							0.0	1.0	0.8	0.0	0.0	0.0

Purdue University

								W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
								ABUTH	ABUTH	IPHOE	IPHOE	IPHOE	IPHOE	
								Velvetleaf	Velvetleaf	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
								Corn	Corn	Corn	Corn	Corn	Corn	
								DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
								PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
								1 YD2	1 YD2					
								7	8	1	2	5	6	
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
								44 2	44 2	44 2	44 2	44 2	44 2	
								44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	51	52	53	54	55	56
1	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	101	0.0	0.0	10.0	10.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	404	0.0	0.0	4.0	4.0	0.0	0.0
	Roundup WeatherMAX	1.13	lb ae/a	32	fl oz/a	LAPOWE	C	704	0.0	0.0	11.0	11.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	1001	0.0	0.0	16.0	16.0	0.0	0.0
Mean =									0.0	0.0	10.3	10.3	0.0	0.0
2	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	102	1.0		10.0	8.0	0.0	2.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	307	0.0	0.0	0.0	0.0	0.0	0.0
								601	0.0	0.0	0.0	0.0	0.0	0.0
								809	0.0	0.0	3.0	3.0	0.0	0.0
Mean =									0.3	0.0	3.3	2.8	0.0	0.5
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	103
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	401
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	804
								807
Mean =								
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	104
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	411
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	706
								1003
Mean =								
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	105
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	509
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	802
								901
Mean =								
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	106
	BALANCE PRO	0.047	lb ai/a	1.5	fl oz/a	PREPRE	A	403
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	609
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	902
Mean =								
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	107
	SIMAZINE	1	lb ai/a	1	qt/a	PREPRE	A	506
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	603
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	906
Mean =								
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE	A	108
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	310
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	707
								810
Mean =								

Purdue University

								W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
								ABUTH	ABUTH	IPHOE	IPHOE	IPHOE	IPHOE	
								Velvetleaf	Velvetleaf	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
								Corn	Corn	Corn	Corn	Corn	Corn	
								DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
								PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
								1 YD2	1 YD2					
								7	8	1	2	5	6	
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
								44 2	44 2	44 2	44 2	44 2	44 2	
								44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	51	52	53	54	55	56
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801
								910
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701
								1007
								Mean =
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711
								1002
								Mean =
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606
								811
								Mean =
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604
								806
								Mean =
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	0.0	0.0	2.0	1.0	0.0	1.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	0.0	0.0	10.0	9.0	0.0	1.0
								1004	4.0	0.0	7.0	6.0	0.0	0.0
								Mean =	1.0	0.0	4.8	4.0	0.0	0.5
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	0.0	0.0	13.0	13.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	0.0	0.0	4.0	3.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	1.0	0.0	6.0	5.0	0.0	0.0
								905	2.0	0.0	3.0	2.0	0.0	0.0
								Mean =	0.8	0.0	6.5	5.8	0.0	0.0
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	0.0	0.0	5.0	5.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	1.0	0.0	14.0	14.0	0.0	0.0
								903	0.0	0.0	18.0	18.0	0.0	0.0
								Mean =	0.3	0.0	9.3	9.3	0.0	0.0

Purdue University

							W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
							ABUTH	ABUTH	IPHOE	IPHOE	IPHOE	IPHOE	
							Velvetleaf	Velvetleaf	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							1 YD2	1 YD2					
							7	8	1	2	5	6	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	51	52	53	54	55	56
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	0.0	0.0	13.0	12.0	1.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	0.0	0.0	13.0	13.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	0.0	0.0	4.0	4.0	0.0	0.0
							Mean =	0.0	0.0	7.5	7.3	0.3	0.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	0.0	0.0	4.0	3.0	1.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	0.0	0.0	6.0	6.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	2.0	0.0	0.0	0.0	0.0	0.0
							Mean =	0.5	0.0	2.5	2.3	0.3	0.0
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	0.0	0.0	2.0	2.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	0.0	0.0	7.0	7.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	0.0	0.0	5.0	4.0	0.0	0.0
							904	0.0	1.0	11.0	11.0	0.0	0.0
							Mean =	0.0	0.3	6.3	6.0	0.0	0.0
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	0.0	0.0	4.0	4.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	0.0	0.0	1.0	1.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	0.0	0.0	8.0	7.0	1.0	0.0
							909	1.0	0.0	6.0	6.0	0.0	0.0
							Mean =	0.3	0.0	4.8	4.5	0.3	0.0
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	0.0	0.0	2.0	2.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	1.0	0.0	1.0	1.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	0.0	0.0	4.0	4.0	0.0	0.0
							907	2.0	0.0	2.0	2.0	0.0	0.0
							Mean =	0.8	0.0	2.3	2.3	0.0	0.0
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	0.0	0.0	9.0	9.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	0.0	0.0	1.0	0.0	1.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	0.0	0.0	10.0	10.0	0.0	0.0
							1005	0.0	0.0	10.0	7.0	0.0	0.0
							Mean =	0.0	0.0	7.5	6.5	0.3	0.0
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	0.0	0.0	9.0	8.0	0.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	0.0	0.0	16.0	16.0	0.0	0.0
							808	0.0	0.0	7.0	6.0	0.0	1.0
							Mean =	0.0	0.0	8.0	7.5	0.0	0.5
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	0.0	0.0	1.0	1.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	0.0	0.0	5.0	5.0	0.0	0.0
							911	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	1.5	1.5	0.0	0.0

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	ABUTH	IPHOE	IPHOE	IPHOE	IPHOE
Pest Name	Velvetleaf	Velvetleaf	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	1 YD2	1 YD2				
Footnote Number	7	8	1	2	5	6
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1
ARM Action Codes						
Number of Decimals						
Trt Treatment	Rate	Other	Other	Growth	Appl	
No. Name	Rate	Unit	Rate	Rate Unit	Stage	Code
						Plot
25 Weed free check						303
ATRAZINE	2 lb ai/a		2 qt/a	PREPRE	A	507
Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B	703
AMS	2.5 lb ai/a		2.5 lb/a	EAPOWE	B	1009
Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C	
AMS	2.5 lb ai/a		2.5 lb/a	LAPOWE	C	
						Mean =
						0.0
						0.0
						6.5
						6.5
						0.0
						0.0
26 non-treated check						304
						510
						803
						1008
						Mean =
						0.0
						0.0
						4.8
						4.5
						0.0
						0.0
27 non-treated check						305
						309
						708
						805
						Mean =
						0.0
						0.3
						3.8
						3.3
						0.0
						0.0

Purdue University

							W Weed	W Weed	W Weed	W Weed	W Weed	W Weed		
							IPOHE	IPOHE	AMARE	AMARE	AMARE	AMARE		
							Ivleaf mor->	Ivleaf mor->	Redroot pig->	Redroot pig->	Redroot pig->	Redroot pig->		
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
							Corn	Corn	Corn	Corn	Corn	Corn		
							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18		
							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P		
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007		
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA		
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6		
							7	8	1	2	3	5		
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN		
							44 2	44 2	44 2	44 2	44 2	44 2		
							44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1		
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	Plot	57	58	59	60	61	62
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801
								910
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701
								1007
								Mean =
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711
								1002
								Mean =
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606
								811
								Mean =
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604
								806
								Mean =
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	0.0	0.0	5.0	3.0	0.0	2.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	0.0	0.0	3.0	0.0	1.0	0.0
								1004	0.0	1.0	10.0	0.0	0.0	0.0
								Mean =	0.0	0.3	4.5	0.8	0.3	0.5
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	0.0	1.0	2.0	0.0	2.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	0.0	1.0	4.0	0.0	0.0	0.0
								905	1.0	0.0	16.0	0.0	0.0	0.0
								Mean =	0.3	0.5	5.5	0.0	0.5	0.0
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	0.0	0.0	0.0	0.0	0.0	0.0
								903	0.0	0.0	4.0	0.0	0.0	0.0
								Mean =	0.0	0.0	1.0	0.0	0.0	0.0

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	IPOHE	IPOHE	AMARE	AMARE	AMARE	AMARE							
Pest Name	Ivyleaf mor->	Ivyleaf mor->	Redroot pig->	Redroot pig->	Redroot pig->	Redroot pig->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P							
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007							
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA							
Rating Unit													
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6							
Pest Stage													
Pest Density, Unit													
Footnote Number	7	8	1	2	3	5							
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN							
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2							
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1							
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	57	58	59	60	61	62
25	Weed free check						303	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
	Mean =							0.0	0.0	0.0	0.0	0.0	0.0
26	non-treated check						304	0.0	0.0	0.0	0.0	0.0	0.0
							510	0.0	0.0	23.0	0.0	23.0	0.0
							803	0.0	1.0	6.0	4.0	0.0	0.0
							1008	0.0	0.0	37.0	0.0	30.0	7.0
	Mean =							0.0	0.3	16.5	1.0	13.3	1.8
27	non-treated check						305	0.0	0.0	2.0	2.0	0.0	0.0
							309	0.0	0.0	0.0	0.0	0.0	0.0
							708	0.0	0.0	0.0	0.0	0.0	0.0
							805	0.0	2.0	28.0	25.0	0.0	0.0
	Mean =							0.0	0.5	7.5	6.8	0.0	0.0

Purdue University

							W Weed	W Weed	W Weed		W Weed	W Weed	
							AMARE	AMARE	AMARE		SETFA	AMBTR	
							Redroot pig->	Redroot pig->	Redroot pig->		Giant foxta>	Giant ragwe->	
Pest Type							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Pest Code							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
Pest Name							Corn	Corn	Corn	Corn	Corn	Corn	
Crop Code							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
BBCH Scale							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P	
Crop Name							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	
Crop Variety							COUPLA	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO	
Part Rated							V5-6	V5-6	V5-6	V12	V12	V12	
Rating Date											30-40"	30-60"	
Rating Data Type											162 YD2	1 YD2	
Rating Unit													
Crop Stage													
Pest Stage													
Pest Density, Unit													
Footnote Number							6	7	8	10			
Assessed By							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD	
Days After First/Last Applic.							44 2	44 2	44 2	62 20	62 20	62 20	
Plant-Eval Interval							44 DP-1	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1	
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	63	64	65	66	67	68
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		0.0	0.0	0.0	0.0	97.0	97.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		0.0	0.0	0.0	5.0	99.0	97.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		0.0	0.0	0.0	5.0	97.0	90.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		0.0	0.0	0.0	5.0	98.0	98.0
Mean =								0.0	0.0	0.0	3.8	97.8	95.5
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		0.0	0.0	0.0	40.0	98.0	90.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		0.0	0.0	0.0	45.0	99.0	90.0
						601		0.0	0.0	0.0	40.0	99.0	90.0
						809		5.0	1.0	1.0	25.0	97.0	85.0
Mean =								1.3	0.3	0.3	37.5	98.3	88.8
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		.	.	.	0.0	65.0	50.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		.	.	.	0.0	70.0	65.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		.	.	.	0.0	90.0	93.0
						807		.	.	.	0.0	90.0	75.0
Mean =								.	.	.	0.0	78.8	70.8
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		.	.	.	0.0	70.0	60.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		.	.	.	10.0	75.0	85.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		.	.	.	0.0	85.0	65.0
						1003		.	.	.	0.0	85.0	75.0
Mean =								.	.	.	2.5	78.8	71.3
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		.	.	.	0.0	70.0	65.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		.	.	.	5.0	80.0	70.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		.	.	.	0.0	90.0	85.0
						901		.	.	.	0.0	85.0	80.0
Mean =								.	.	.	1.3	81.3	75.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		.	.	.	0.0	85.0	80.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		.	.	.	0.0	95.0	85.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		.	.	.	0.0	85.0	75.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		.	.	.	0.0	90.0	88.0
Mean =								.	.	.	0.0	88.8	82.0
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		.	.	.	10.0	65.0	70.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		.	.	.	0.0	85.0	65.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		.	.	.	10.0	70.0	65.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		.	.	.	0.0	90.0	80.0
Mean =								.	.	.	5.0	77.5	70.0
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		.	.	.	5.0	87.0	45.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		.	.	.	0.0	95.0	93.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		.	.	.	0.0	90.0	60.0
						810		.	.	.	5.0	90.0	65.0
Mean =								.	.	.	2.5	90.5	65.8

Purdue University

							W Weed	W Weed	W Weed		W Weed	W Weed	
							AMARE	AMARE	AMARE		SETFA	AMBTR	
							Redroot pig->	Redroot pig->	Redroot pig->		Giant foxta>	Giant ragwe->	
Pest Type							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Pest Code							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
Pest Name							Corn	Corn	Corn	Corn	Corn	Corn	
Crop Code							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
BBCH Scale							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P	
Crop Name							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	
Crop Variety							COUPLA	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO	
Part Rated							V5-6	V5-6	V5-6	V12	V12	V12	
Rating Date											30-40"	30-60"	
Rating Data Type											162 YD2	1 YD2	
Rating Unit													
Crop Stage													
Pest Stage													
Pest Density, Unit													
Footnote Number							6	7	8	10			
Assessed By							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD	
Days After First/Last Applic.							44 2	44 2	44 2	62 20	62 20	62 20	
Plant-Eval Interval							44 DP-1	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1	
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	63	64	65	66	67	68
9	HARNESXTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A	109	.	.	.	5.0	90.0	55.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	407	0.0	0.0	0.0	5.0	95.0	75.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	801	.	.	.	0.0	97.0	88.0	
						910	.	.	.	5.0	95.0	70.0	
						Mean =	0.0	0.0	0.0	3.8	94.3	72.0	
10	HARNESXTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE A	110	.	.	.	10.0	98.0	70.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	308	.	.	.	0.0	98.0	88.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	701	.	.	.	3.0	95.0	95.0	
						1007	.	.	.	0.0	97.0	78.0	
						Mean =	.	.	.	3.3	97.0	82.8	
11	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE A	111	.	.	.	5.0	85.0	70.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	409	.	.	.	5.0	88.0	85.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	711	.	.	.	0.0	99.0	75.0	
						1002	.	.	.	0.0	88.0	70.0	
						Mean =	.	.	.	2.5	90.0	75.0	
12	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE A	201	.	.	.	0.0	87.0	83.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	410	.	.	.	5.0	88.0	83.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	606	.	.	.	5.0	88.0	85.0	
						811	.	.	.	5.0	88.0	80.0	
						Mean =	.	.	.	3.8	87.8	82.8	
13	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE A	202	.	.	.	0.0	90.0	75.0	
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	503	.	.	.	0.0	90.0	93.0	
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	604	.	.	.	0.0	93.0	70.0	
						806	.	.	.	0.0	95.0	85.0	
						Mean =	.	.	.	0.0	92.0	80.8	
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	203	0.0	0.0	0.0	35.0	99.0	93.0	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	505	0.0	0.0	0.0	30.0	99.0	88.0	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	710	0.0	2.0	0.0	20.0	99.0	88.0	
						1004	10.0	0.0	0.0	25.0	90.0	85.0	
						Mean =	2.5	0.5	0.0	27.5	96.8	88.5	
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	204	0.0	0.0	0.0	40.0	99.0	98.0	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	508	0.0	0.0	0.0	20.0	100.0	93.0	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	709	3.0	1.0	0.0	13.0	99.0	83.0	
						905	0.0	16.0	0.0	15.0	99.0	90.0	
						Mean =	0.8	4.3	0.0	22.0	99.3	91.0	
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	205	0.0	0.0	0.0	35.0	99.0	95.0	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	406	0.0	0.0	0.0	35.0	99.0	85.0	
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	611	0.0	0.0	0.0	20.0	99.0	88.0	
						903	0.0	4.0	0.0	8.0	99.0	80.0	
						Mean =	0.0	1.0	0.0	24.5	99.0	87.0	

Purdue University

							W Weed	W Weed	W Weed		W Weed	W Weed	
							AMARE	AMARE	AMARE		SETFA	AMBTR	
							Redroot pig->	Redroot pig->	Redroot pig->		Giant foxta>	Giant ragwe->	
Pest Type	Pest Code	Pest Name	Crop Code	BBCH Scale	Crop Name	Crop Variety							
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P	
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	
							COUPLA	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO	
							V5-6	V5-6	V5-6	V12	V12	V12	
											30-40"	30-60"	
											162 YD2	1 YD2	
							6	7	8	10			
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD	
							44 2	44 2	44 2	62 20	62 20	62 20	
							44 DP-1	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1	
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	63	64	65	66	67	68
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	0.0	0.0	0.0	20.0	99.0	97.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	0.0	0.0	0.0	23.0	99.0	97.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	0.0	0.0	0.0	20.0	99.0	75.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	7.0	0.0	0.0	15.0	98.0	99.0
							Mean =	1.8	0.0	0.0	19.5	98.8	92.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	0.0	0.0	0.0	40.0	99.0	98.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	0.0	0.0	0.0	40.0	98.0	98.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	0.0	0.0	0.0	35.0	99.0	90.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	1.0	3.0	0.0	18.0	100.0	90.0
							Mean =	0.3	0.8	0.0	33.3	99.0	94.0
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	0.0	0.0	0.0	15.0	98.0	85.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	0.0	0.0	0.0	12.0	100.0	95.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	0.0	0.0	0.0	25.0	100.0	75.0
							904	0.0	0.0	0.0	5.0	100.0	88.0
							Mean =	0.0	0.0	0.0	14.3	99.5	85.8
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	0.0	0.0	0.0	10.0	100.0	80.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	0.0	0.0	0.0	12.0	98.0	85.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	0.0	0.0	0.0	25.0	100.0	80.0
							909	0.0	0.0	0.0	10.0	99.0	90.0
							Mean =	0.0	0.0	0.0	14.3	99.3	83.8
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	0.0	0.0	0.0	15.0	99.0	85.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	0.0	0.0	0.0	5.0	97.0	95.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	0.0	0.0	0.0	15.0	99.0	800.0
							907	0.0	0.0	0.0	10.0	99.0	90.0
							Mean =	0.0	0.0	0.0	11.3	98.5	267.5
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	0.0	0.0	0.0	30.0	99.0	85.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	0.0	0.0	0.0	18.0	99.0	95.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	0.0	0.0	0.0	20.0	99.0	75.0
							1005	0.0	5.0	0.0	5.0	100.0	90.0
							Mean =	0.0	1.3	0.0	18.3	99.3	86.3
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	0.0	0.0	0.0	12.0	99.0	99.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	0.0	0.0	0.0	12.0	98.0	93.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	0.0	0.0	0.0	10.0	99.0	90.0
							808	1.0	0.0	0.0	5.0	97.0	90.0
							Mean =	0.3	0.0	0.0	9.8	98.3	93.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	0.0	0.0	0.0	0.0	99.0	98.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	0.0	0.0	0.0	15.0	99.0	97.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	0.0	0.0	0.0	15.0	99.0	90.0
							911	0.0	0.0	0.0	10.0	99.0	90.0
							Mean =	0.0	0.0	0.0	10.0	99.0	93.8

Purdue University

Pest Type	W Weed	W Weed	W Weed		W Weed	W Weed							
Pest Code	AMARE	AMARE	AMARE		SETFA	AMBTR							
Pest Name	Redroot pig->	Redroot pig->	Redroot pig->		Giant foxta->	Giant ragwe->							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P							
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007							
Rating Data Type	COUPLA	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO							
Rating Unit													
Crop Stage	V5-6	V5-6	V5-6	V12	V12	V12							
Pest Stage					30-40"	30-60"							
Pest Density, Unit					162 YD2	1 YD2							
Footnote Number	6	7	8	10									
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD							
Days After First/Last Applic.	44 2	44 2	44 2	62 20	62 20	62 20							
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1							
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	63	64	65	66	67	68
25	Weed free check						303	0.0	0.0	0.0	0.0	100.0	100.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	0.0	0.0	0.0	0.0	100.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	0.0	0.0	0.0	0.0	98.0	95.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	0.0	0.0	0.0	5.0	99.0	95.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
	Mean =							0.0	0.0	0.0	1.3	99.3	97.5
26	non-treated check						304	0.0	0.0	0.0	0.0	50.0	50.0
							510	0.0	0.0	0.0	45.0	0.0	0.0
							803	0.0	0.0	2.0	20.0	0.0	0.0
							1008	0.0	0.0	0.0	45.0	0.0	0.0
	Mean =							0.0	0.0	0.5	27.5	12.5	12.5
27	non-treated check						305	0.0	0.0	0.0	0.0	50.0	50.0
							309	0.0	0.0	0.0	0.0	50.0	50.0
							708	0.0	0.0	0.0	28.0	0.0	0.0
							805	0.0	0.0	3.0	25.0	0.0	0.0
	Mean =							0.0	0.0	0.8	13.3	25.0	25.0

Purdue University

							W Weed							
							CHEAL	SETFA	SETFA	SETFA	AMBTR	AMBTR	AMBTR	
							Common lamb>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>	
							ZEAMX							
							BCOR							
							Corn							
							DKC 60-18							
							PLAQUA P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P	
							Jun/25/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	
							CONTRO	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER	
							V12	Mature	Mature	Mature	Mature	Mature	Mature	
							34-40"	3-6'	3-6'	3-6'	4-10'	4-10'	4-10'	
							5 YD2	18 YD2	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2	
							WGJ & VMD	KW AW						
							62 20	142 100	142 100	142 100	142 100	142 100	142 100	
							62 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	69	70	71	72	73	74	75
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		98.0	95.0	35.0	100.0	95.0	8.0	87.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		100.0	95.0	56.0	100.0	95.0	12.0	83.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		100.0	95.0	23.0	100.0	95.0	2.0	50.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		100.0	99.0	5.0	83.0	95.0	1.0	50.0
Mean =								99.5	96.0	29.8	95.8	95.0	5.8	67.5
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		99.0	90.0	113.0	100.0	80.0	15.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		90.0	60.0	224.0	100.0	85.0	10.0	100.0
						601		95.0	35.0	137.0	100.0	90.0	4.0	50.0
						809		100.0	97.0	3.0	50.0	65.0	2.0	50.0
Mean =								96.0	70.5	119.3	87.5	80.0	7.8	75.0
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		90.0	70.0	239.0	100.0	20.0	18.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		100.0	40.0	117.0	100.0	50.0	11.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		100.0	95.0	9.0	100.0	85.0	0.0	0.0
						807		100.0	100.0	15.0	100.0	100.0	5.0	100.0
Mean =								97.5	76.3	95.0	100.0	63.8	8.5	75.0
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		100.0	70.0	212.0	100.0	45.0	14.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		100.0	90.0	94.0	100.0	75.0	5.0	50.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		100.0	80.0	54.0	97.0	30.0	19.0	100.0
						1003		100.0	80.0	33.0	100.0	85.0	5.0	100.0
Mean =								100.0	80.0	98.3	99.3	58.8	10.8	87.5
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		100.0	55.0	232.0	100.0	65.0	10.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		100.0	40.0	93.0	100.0	70.0	7.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		100.0	90.0	30.0	100.0	80.0	2.0	50.0
						901		100.0	90.0	35.0	100.0	90.0	1.0	50.0
Mean =								100.0	68.8	97.5	100.0	76.3	5.0	75.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		100.0	75.0	147.0	100.0	80.0	7.0	100.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		100.0	95.0	43.0	100.0	90.0	7.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		100.0	85.0	56.0	100.0	70.0	11.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		100.0	95.0	8.0	100.0	95.0	5.0	100.0
Mean =								100.0	87.5	63.5	100.0	83.8	7.5	100.0
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		100.0	30.0	255.0	100.0	55.0	17.0	100.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		100.0	90.0	64.0	100.0	70.0	12.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		100.0	50.0	83.0	100.0	50.0	8.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		100.0	95.0	11.0	100.0	85.0	8.0	50.0
Mean =								100.0	66.3	103.3	100.0	65.0	11.3	87.5
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		100.0	95.0	3.0	100.0	25.0	24.0	100.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		100.0	90.0	23.0	100.0	85.0	5.0	50.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		100.0	95.0	4.0	50.0	70.0	11.0	100.0
						810		100.0	97.0	3.0	50.0	65.0	7.0	100.0
Mean =								100.0	94.3	8.3	75.0	61.3	11.8	87.5

Purdue University

								W Weed							
								CHEAL	SETFA	SETFA	SETFA	AMBTR	AMBTR	AMBTR	
								Common lamb>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>	
								ZEAMX							
								BCOR							
								Corn							
								DKC 60-18							
								PLAQUA P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P	
								Jun/25/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	
								CONTRO	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER	
								V12	Mature	Mature	Mature	Mature	Mature	Mature	
								34-40"	3-6'	3-6'	3-6'	4-10'	4-10'	4-10'	
								5 YD2	18 YD2	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2	
								WGJ & VMD	KW AW						
								62 20	142 100	142 100	142 100	142 100	142 100	142 100	
								62 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	Plot	69	70	71	72	73	74	75
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109	100.0	95.0	21.0	100.0	20.0	44.0	95.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	100.0	99.0	0.0	0.0	80.0	14.0	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801	100.0	95.0	6.0	100.0	90.0	1.0	50.0
								910	100.0	100.0	0.0	0.0	75.0	17.0	100.0
	Mean =								100.0	97.3	6.8	50.0	66.3	19.0	86.3
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110	100.0	95.0	10.0	100.0	75.0	15.0	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308	100.0	95.0	8.0	87.0	80.0	9.0	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701	100.0	95.0	0.0	0.0	90.0	6.0	100.0
								1007	100.0	99.0	0.0	0.0	85.0	9.0	95.0
	Mean =								100.0	96.0	4.5	46.8	82.5	9.8	98.8
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111	100.0	60.0	110.0	100.0	75.0	9.0	45.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409	100.0	80.0	40.0	100.0	80.0	3.0	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711	100.0	98.0	5.0	100.0	70.0	9.0	100.0
								1002	100.0	95.0	11.0	100.0	90.0	1.0	50.0
	Mean =								100.0	83.3	41.5	100.0	78.8	5.5	73.8
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201	100.0	95.0	63.0	100.0	90.0	4.0	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410	100.0	40.0	46.0	100.0	85.0	4.0	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606	100.0	90.0	31.0	100.0	85.0	7.0	100.0
								811	100.0	97.0	14.0	100.0	85.0	13.0	85.0
	Mean =								100.0	80.5	38.5	100.0	86.3	7.0	96.3
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202	100.0	90.0	28.0	100.0	90.0	14.0	100.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503	100.0	95.0	22.0	100.0	95.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604	100.0	90.0	36.0	100.0	80.0	3.0	75.0
								806	100.0	99.0	1.0	50.0	95.0	2.0	50.0
	Mean =								100.0	93.5	21.8	87.5	90.0	4.8	56.3
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	100.0	90.0	93.0	100.0	90.0	9.0	50.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	100.0	90.0	38.0	100.0	90.0	4.0	100.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	100.0	95.0	8.0	50.0	85.0	7.0	80.0
								1004	80.0	95.0	14.0	100.0	90.0	6.0	50.0
	Mean =								95.0	92.5	38.3	87.5	88.8	6.5	70.0
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	100.0	90.0	155.0	100.0	85.0	211.0	50.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	100.0	45.0	26.0	100.0	95.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	100.0	98.0	0.0	0.0	90.0	2.0	33.0
								905	100.0	99.0	0.0	0.0	99.0	2.0	50.0
	Mean =								100.0	83.0	45.3	50.0	92.3	53.8	33.3
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	100.0	60.0	184.0	100.0	90.0	6.0	50.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	100.0	65.0	95.0	47.0	65.0	3.0	37.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	100.0	90.0	20.0	100.0	75.0	7.0	100.0
								903	100.0	99.0	3.0	25.0	100.0	0.0	0.0
	Mean =								100.0	78.5	75.5	68.0	82.5	4.0	46.8

Purdue University

							W Weed							
							CHEAL	SETFA	SETFA	SETFA	AMBTR	AMBTR	AMBTR	
							Common lamb>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>	
							ZEAMX							
							BCOR							
							Corn							
							DKC 60-18							
							PLAQUA P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P	
							Jun/25/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	
							CONTRO	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER	
							V12	Mature	Mature	Mature	Mature	Mature	Mature	
							34-40"	3-6'	3-6'	3-6'	4-10'	4-10'	4-10'	
							5 YD2	18 YD2	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2	
							WGJ & VMD	KW AW						
							62 20	142 100	142 100	142 100	142 100	142 100	142 100	
							62 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	69	70	71	72	73	74	75
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	100.0	80.0	227.0	100.0	95.0	2.0	50.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	100.0	80.0	31.0	100.0	95.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	100.0	95.0	17.0	100.0	90.0	3.0	75.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	100.0	99.0	0.0	0.0	99.0	8.0	100.0
							Mean =	100.0	88.5	68.8	75.0	94.8	3.3	56.3
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	100.0	70.0	298.0	100.0	85.0	7.0	100.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	100.0	60.0	176.0	100.0	90.0	3.0	50.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	100.0	70.0	47.0	100.0	90.0	2.0	100.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	100.0	98.0	11.0	50.0	98.0	2.0	50.0
							Mean =	100.0	74.5	133.0	87.5	90.8	3.5	75.0
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	100.0	70.0	137.0	100.0	85.0	13.0	100.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	100.0	90.0	31.0	95.0	99.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	100.0	90.0	5.0	100.0	80.0	17.0	50.0
							904	100.0	100.0	0.0	0.0	100.0	0.0	0.0
							Mean =	100.0	87.5	43.3	73.8	91.0	7.5	37.5
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	100.0	70.0	49.0	100.0	70.0	12.0	87.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	100.0	95.0	4.0	100.0	95.0	8.0	52.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	100.0	95.0	6.0	50.0	80.0	4.0	50.0
							909	100.0	99.0	0.0	0.0	97.0	1.0	50.0
							Mean =	100.0	89.8	14.8	62.5	85.5	6.3	59.8
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	100.0	90.0	54.0	100.0	80.0	21.0	100.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	100.0	100.0	0.0	0.0	100.0	1.0	50.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	100.0	100.0	10.0	100.0	85.0	1.0	50.0
							907	100.0	100.0	0.0	0.0	95.0	0.0	0.0
							Mean =	100.0	97.5	16.0	50.0	90.0	5.8	50.0
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	100.0	90.0	38.0	100.0	90.0	11.0	95.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	100.0	85.0	7.0	50.0	95.0	3.0	75.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	100.0	100.0	7.0	50.0	90.0	4.0	50.0
							1005	100.0	100.0	0.0	0.0	100.0	2.0	0.0
							Mean =	100.0	93.8	13.0	50.0	93.8	5.0	55.0
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	100.0	99.0	13.0	45.0	100.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	100.0	99.0	11.0	90.0	100.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	88.0	95.0	3.0	100.0	90.0	2.0	100.0
							808	100.0	98.0	0.0	0.0	100.0	0.0	0.0
							Mean =	97.0	97.8	6.8	58.8	97.5	0.5	25.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	100.0	100.0	0.0	0.0	100.0	1.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	100.0	100.0	0.0	0.0	99.0	1.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	100.0	98.0	5.0	50.0	99.0	3.0	75.0
							911	100.0	100.0	0.0	0.0	99.0	1.0	50.0
							Mean =	100.0	99.5	1.3	12.5	99.3	1.5	31.3

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	CHEAL	SETFA	SETFA	SETFA	SETFA	AMBTR	AMBTR							
Pest Name	Common lamb>	Giant foxta>	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	PLAQUA P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P							
Rating Date	Jun/25/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007							
Rating Data Type	CONTRO	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER							
Rating Unit														
Crop Stage	V12	Mature	Mature	Mature	Mature	Mature	Mature							
Pest Stage	34-40"	3-6'	3-6'	3-6'	4-10'	4-10'	4-10'							
Pest Density, Unit	5 YD2	18 YD2	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2							
Footnote Number														
Assessed By	WGJ & VMD	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW							
Days After First/Last Applic.	62 20	142 100	142 100	142 100	142 100	142 100	142 100							
Plant-Eval Interval	62 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	69	70	71	72	73	74	75
25	Weed free check						303	100.0	98.0	31.0	100.0	95.0	3.0	30.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	100.0	90.0	37.0	100.0	95.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	100.0	97.0	10.0	100.0	99.0	1.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	100.0	95.0	30.0	97.0	90.0	2.0	50.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C									
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C									
	Mean =							100.0	95.0	27.0	99.3	94.8	1.5	20.0
26	non-treated check						304	50.0	0.0	374.0	100.0	0.0	24.0	50.0
							510	0.0	0.0	206.0	100.0	0.0	17.0	100.0
							803	0.0	0.0	113.0	100.0	0.0	10.0	100.0
							1008	0.0	0.0	185.0	97.0	0.0	17.0	100.0
	Mean =							12.5	0.0	219.5	99.3	0.0	17.0	87.5
27	non-treated check						305	50.0	0.0	299.0	100.0	0.0	2.0	50.0
							309	50.0	0.0	379.0	100.0	0.0	8.0	100.0
							708	0.0	0.0	73.0	100.0	0.0	18.0	100.0
							805	0.0	0.0	4.0	100.0	0.0	7.0	50.0
	Mean =							25.0	0.0	188.8	100.0	0.0	8.8	75.0

Purdue University

								W Weed					
								CHEAL	CHEAL	CHEAL	AMARE	AMARE	IPHOE
								Common lamb>	Common lamb>	Common lamb>	Redroot pig>	Redroot pig>	Ivyleaf mor>
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P
								Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007
								CONTRO	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA
								Mature	Mature	Mature	Mature	Mature	Mature
								4-7'	4-7'	4-7'			
								5 YD2	5 YD2	5 YD2			
								KW AW					
								142 100	142 100	142 100	142 100	142 100	142 100
								142 DP-1					
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	76	77	78	79	80	81
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		95.0	3.0	100.0	3.0	100.0	5.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		70.0	12.0	45.0	1.0	50.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		100.0	0.0	0.0	0.0	0.0	7.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		98.0	2.0	50.0	4.0	0.0	1.0
	Mean =								90.8	4.3	48.8	2.0	37.5
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		75.0	3.0	100.0	7.0	50.0	5.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		0.0	22.0	100.0	0.0	0.0	1.0
						601		45.0	1.0	50.0	3.0	50.0	4.0
						809		100.0	0.0	0.0	0.0	0.0	5.0
	Mean =								55.0	6.5	62.5	2.5	25.0
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		95.0	0.0	0.0	0.0	0.0	2.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		100.0	2.0	100.0	11.0	0.0	4.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		95.0	0.0	0.0	0.0	0.0	6.0
						807		100.0	0.0	0.0	2.0	50.0	5.0
	Mean =								97.5	0.5	25.0	3.3	12.5
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		100.0	0.0	0.0	0.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		100.0	0.0	50.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		100.0	0.0	0.0	0.0	0.0	4.0
						1003		70.0	0.0	0.0	5.0	50.0	2.0
	Mean =								92.5	0.0	12.5	1.3	12.5
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		100.0	0.0	0.0	0.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		100.0	0.0	0.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		100.0	0.0	0.0	0.0	0.0	10.0
						901		100.0	0.0	0.0	1.0	50.0	4.0
	Mean =								100.0	0.0	0.0	0.3	12.5
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		100.0	0.0	0.0	0.0	0.0	7.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		100.0	0.0	0.0	1.0	0.0	5.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		100.0	0.0	0.0	0.0	50.0	7.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		100.0	0.0	0.0	6.0	100.0	0.0
	Mean =								100.0	0.0	0.0	1.8	37.5
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		100.0	0.0	100.0	0.0	0.0	2.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		100.0	0.0	0.0	5.0	0.0	2.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		100.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		100.0	0.0	0.0	0.0	0.0	3.0
	Mean =								100.0	0.0	25.0	1.3	0.0
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		100.0	0.0	100.0	0.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		100.0	0.0	50.0	3.0	100.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		100.0	0.0	0.0	0.0	0.0	8.0
						810		100.0	0.0	0.0	0.0	0.0	5.0
	Mean =								100.0	0.0	37.5	0.8	25.0

Purdue University

							W Weed						
							CHEAL	CHEAL	CHEAL	AMARE	AMARE	IPHOE	
							Common lamb>	Common lamb>	Common lamb>	Redroot pig>	Redroot pig>	Ivyleaf mor>	
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18						
							PLAQUA P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	
							Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	
							CONTRO	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	
							Mature	Mature	Mature	Mature	Mature	Mature	
							4-7'	4-7'	4-7'				
							5 YD2	5 YD2	5 YD2				
							KW AW						
							142 100	142 100	142 100	142 100	142 100	142 100	
							142 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	76	77	78	79	80	81
9	HARNESXTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A		109	100.0	0.0	95.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		407	100.0	0.0	100.0	0.0	0.0	6.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		801	100.0	0.0	0.0	0.0	0.0	7.0
							910	100.0	0.0	0.0	0.0	0.0	3.0
	Mean =							100.0	0.0	48.8	0.0	0.0	4.0
10	HARNESXTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE A		110	100.0	0.0	100.0	0.0	0.0	2.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		308	100.0	0.0	100.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		701	100.0	0.0	0.0	0.0	0.0	8.0
							1007	100.0	0.0	0.0	0.0	0.0	3.0
	Mean =							100.0	0.0	50.0	0.0	0.0	3.5
11	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE A		111	100.0	0.0	45.0	0.0	0.0	5.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		409	100.0	0.0	100.0	0.0	0.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		711	100.0	0.0	0.0	0.0	100.0	4.0
							1002	100.0	1.0	50.0	4.0	25.0	2.0
	Mean =							100.0	0.3	48.8	1.0	31.3	3.3
12	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE A		201	100.0	0.0	100.0	0.0	0.0	4.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		410	100.0	0.0	100.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		606	100.0	0.0	0.0	0.0	0.0	5.0
							811	100.0	0.0	0.0	0.0	0.0	5.0
	Mean =							100.0	0.0	50.0	0.0	0.0	3.8
13	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE A		202	100.0	0.0	100.0	0.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		503	100.0	0.0	0.0	0.0	50.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		604	100.0	0.0	0.0	0.0	0.0	4.0
							806	100.0	0.0	0.0	0.0	0.0	7.0
	Mean =							100.0	0.0	25.0	0.0	12.5	3.0
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		203	100.0	0.0	50.0	0.0	0.0	2.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C		505	100.0	1.0	0.0	0.0	93.0	6.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		710	100.0	1.0	50.0	5.0	50.0	2.0
							1004	80.0	6.0	100.0	13.0	65.0	3.0
	Mean =							95.0	2.0	50.0	4.5	52.0	3.3
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A		204	54.0	2.0	50.0	2.0	35.0	4.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C		508	100.0	0.0	0.0	0.0	30.0	6.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		709	100.0	2.0	50.0	5.0	0.0	1.0
							905	100.0	0.0	0.0	7.0	0.0	2.0
	Mean =							88.5	1.0	25.0	3.5	16.3	3.3
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		205	100.0	0.0	50.0	2.0	50.0	4.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C		406	100.0	0.0	37.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C		611	100.0	0.0	0.0	0.0	100.0	5.0
							903	100.0	0.0	0.0	0.0	0.0	3.0
	Mean =							100.0	0.0	21.8	0.5	37.5	3.0

Purdue University

							W Weed						
							CHEAL	CHEAL	CHEAL	AMARE	AMARE	AMARE	W Weed
							Common lamb>	Common lamb>	Common lamb>	Redroot pig>	Redroot pig>	Redroot pig>	Ivyleaf mor>
							ZEAMX						
							BCOR						
							Corn						
							DKC 60-18						
							PLAQUA P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	PLATOT P
							Sep/13/2007						
							CONTRO	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	COUPLA
							Mature						
							4-7'	4-7'	4-7'				
							5 YD2	5 YD2	5 YD2				
							KW AW						
							142 100	142 100	142 100	142 100	142 100	142 100	142 100
							142 DP-1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	76	77	78	79	80	81
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	206	100.0	7.0	50.0	1.0	0.0	3.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE	A	502	95.0	0.0	0.0	1.0	78.0	7.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	607	100.0	0.0	0.0	0.0	0.0	5.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	1006	100.0	0.0	0.0	10.0	35.0	5.0
							Mean =	98.8	1.8	12.5	3.0	28.3	5.0
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	207	100.0	0.0	100.0	7.0	90.0	8.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A	311	100.0	0.0	50.0	1.0	50.0	2.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	605	100.0	0.0	0.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	908	80.0	1.0	50.0	6.0	100.0	2.0
							Mean =	95.0	0.3	50.0	3.5	60.0	3.3
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	208	100.0	5.0	100.0	0.0	0.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	501	95.0	0.0	0.0	9.0	25.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	705	100.0	0.0	0.0	0.0	0.0	2.0
							904	100.0	0.0	0.0	1.0	0.0	5.0
							Mean =	98.8	1.3	25.0	2.5	6.3	2.5
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	209	98.0	2.0	87.0	0.0	0.0	3.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	402	100.0	0.0	0.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	608	100.0	0.0	0.0	0.0	0.0	4.0
							909	100.0	0.0	0.0	0.0	0.0	2.0
							Mean =	99.5	0.5	21.8	0.0	0.0	2.5
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	210	100.0	0.0	100.0	0.0	0.0	2.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	504	98.0	0.0	0.0	9.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	511	100.0	0.0	0.0	6.0	50.0	3.0
							907	100.0	0.0	0.0	0.0	0.0	0.0
							Mean =	99.5	0.0	25.0	3.8	12.5	1.3
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	211	100.0	0.0	95.0	10.0	50.0	8.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	405	100.0	0.0	75.0	0.0	0.0	2.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	610	100.0	0.0	0.0	2.0	0.0	4.0
							1005	100.0	0.0	0.0	3.0	0.0	3.0
							Mean =	100.0	0.0	42.5	3.8	12.5	4.3
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	301	100.0	0.0	0.0	0.0	0.0	1.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	306	98.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	702	100.0	0.0	0.0	0.0	0.0	3.0
							808	100.0	0.0	0.0	0.0	0.0	4.0
							Mean =	99.5	0.0	0.0	0.0	0.0	2.0
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	302	100.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C	408	100.0	0.0	0.0	0.0	0.0	1.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C	602	100.0	0.0	0.0	0.0	0.0	4.0
							911	100.0	0.0	0.0	0.0	0.0	0.0
							Mean =	100.0	0.0	0.0	0.0	0.0	1.3

Purdue University

								W Weed					
								CHEAL	CHEAL	CHEAL	AMARE	AMARE	IPHOE
								Common lamb>	Common lamb>	Common lamb>	Redroot pig>	Redroot pig>	Ivyleaf mor>
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P
								Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007
								CONTRO	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA
								Mature	Mature	Mature	Mature	Mature	Mature
								4-7'	4-7'	4-7'			
								5 YD2	5 YD2	5 YD2			
								KW AW					
								142 100	142 100	142 100	142 100	142 100	142 100
								142 DP-1					
Trt	Treatment	Rate	Other	Other	Growth	Appl	Plot	76	77	78	79	80	81
No.	Name	Rate	Unit	Rate	Rate Unit	Stage	Code						
25	Weed free check						303	100.0	0.0	33.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a		2 qt/a		PREPRE A	507	100.0	0.0	0.0	13.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a		EAPOWE B	703	100.0	0.0	0.0	0.0	0.0	2.0
	AMS	2.5 lb ai/a		2.5 lb/a		EAPOWE B	1009	100.0	1.0	0.0	7.0	0.0	1.0
	Roundup WeatherMAX	0.75 lb ae/a		21.3 fl oz/a		LAPOWE C							
	AMS	2.5 lb ai/a		2.5 lb/a		LAPOWE C							
							Mean =	100.0	0.3	8.3	5.0	0.0	0.8
26	non-treated check						304	0.0	6.0	50.0	1.0	50.0	0.0
							510	0.0	2.0	50.0	1.0	0.0	0.0
							803	0.0	7.0	100.0	1.0	50.0	0.0
							1008	0.0	7.0	100.0	7.0	50.0	0.0
							Mean =	0.0	5.5	75.0	2.5	37.5	0.0
27	non-treated check						305	0.0	5.0	50.0	0.0	0.0	0.0
							309	0.0	0.0	100.0	0.0	0.0	4.0
							708	0.0	2.0	50.0	1.0	50.0	0.0
							805	0.0	10.0	0.0	30.0	50.0	0.0
							Mean =	0.0	4.3	50.0	7.8	25.0	1.0

Purdue University

							W Weed							
							IPHOE	SOLPT	SOLPT	SIDSP	SIDSP	CYPES	CYPES	
							Ivyleaf mor>	Eastern bla>	Eastern bla>	Prickly sida	Prickly sida	Yellow nuts>	Yellow nuts>	
							ZEAMX							
							BCOR							
							Corn							
							DKC 60-18							
							SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	
							Sep/13/2007							
							FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	
							Mature							
							KW AW							
							142 100	142 100	142 100	142 100	142 100	142 100	142 100	
							142 DP-1							
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	82	83	84	85	86	87	88
1	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	101		41.0	0.0	0.0	2.0	100.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	404		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.13 lb ae/a	32 fl oz/a		LAPOWE C	704		16.0	0.0	0.0	0.0	0.0	1.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	1001		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =								14.3	0.0	0.0	0.5	25.0	0.3
2	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C	102		66.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C	307		50.0	0.0	0.0	0.0	0.0	0.0	0.0
						601		0.0	0.0	0.0	0.0	0.0	0.0	0.0
						809		0.0	1.0	0.0	1.0	50.0	0.0	0.0
	Mean =								29.0	0.3	0.0	0.3	12.5	0.0
3	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	103		50.0	0.0	0.0	2.0	100.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	401		50.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	804		33.0	0.0	0.0	0.0	0.0	1.0	50.0
						807		16.0	0.0	0.0	10.0	35.0	0.0	0.0
	Mean =								37.3	0.0	0.0	3.0	33.8	0.3
4	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A	104		50.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	411		50.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	706		16.0	0.0	0.0	0.0	0.0	0.0	0.0
						1003		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =								29.0	0.0	0.0	0.0	0.0	0.0
5	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A	105		50.0	0.0	0.0	1.0	100.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	509		0.0	0.0	0.0	3.0	50.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	802		67.0	0.0	0.0	0.0	0.0	0.0	0.0
						901		75.0	1.0	0.0	0.0	0.0	0.0	0.0
	Mean =								48.0	0.3	0.0	1.0	37.5	0.0
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	106		90.0	0.0	0.0	0.0	0.0	0.0	0.0
	BALANCE PRO	0.047 lb ai/a	1.5 fl oz/a		PREPRE A	403		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	609		100.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	902		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =								47.5	0.0	0.0	0.0	0.0	0.0
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A	107		50.0	0.0	0.0	0.0	0.0	0.0	0.0
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A	506		25.0	0.0	0.0	7.0	25.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	603		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	906		50.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =								31.3	0.0	0.0	1.8	6.3	0.0
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A	108		0.0	0.0	0.0	1.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B	310		100.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B	707		33.0	0.0	0.0	0.0	0.0	0.0	0.0
						810		16.0	0.0	0.0	0.0	0.0	3.0	0.0
	Mean =								37.3	0.0	0.0	0.3	0.0	0.8

Purdue University

							W Weed								
							IPHOE	SOLPT	SOLPT	SIDSP	SIDSP	CYPES	CYPES		
							Ivyleaf mor>	Eastern bla>	Eastern bla>	Prickly sida	Prickly sida	Yellow nuts>	Yellow nuts>		
							ZEAMX								
							BCOR								
							Corn								
							DKC 60-18								
							SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P		
							Sep/13/2007								
							FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER		
							Mature								
							KW AW								
							142 100	142 100	142 100	142 100	142 100	142 100	142 100		
							142 DP-1								
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	82	83	84	85	86	87	88
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	109	0.0	0.0	0.0	3.0	33.0	0.0	0.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	407	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	801	100.0	0.0	0.0	0.0	0.0	0.0	0.0
								910	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									25.0	0.0	0.0	0.8	8.3	0.0	0.0
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	110	25.0	0.0	0.0	3.0	50.0	0.0	0.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	308	0.0	0.0	0.0	2.0	50.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	701	25.0	0.0	0.0	0.0	0.0	4.0	0.0
								1007	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									25.0	0.0	0.0	1.3	25.0	1.0	0.0
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	111	50.0	0.0	0.0	3.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	409	50.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	711	50.0	0.0	0.0	0.0	0.0	0.0	0.0
								1002	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									50.0	0.0	0.0	0.8	0.0	0.0	0.0
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	201	75.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	410	50.0	0.0	0.0	1.0	50.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	606	100.0	0.0	0.0	0.0	0.0	0.0	0.0
								811	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									81.3	0.0	0.0	0.3	12.5	0.0	0.0
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	202	50.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	503	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	604	37.0	0.0	0.0	0.0	0.0	0.0	0.0
								806	25.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									28.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	203	25.0	0.0	0.0	2.0	50.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	505	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	710	50.0	0.0	0.0	2.0	50.0	0.0	0.0
								1004	0.0	1.0	50.0	1.0	50.0	0.0	0.0
Mean =									43.8	0.3	12.5	1.3	37.5	0.0	0.0
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	204	50.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	508	62.0	0.0	0.0	7.0	50.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	709	50.0	0.0	0.0	0.0	0.0	0.0	0.0
								905	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									40.5	0.0	0.0	1.8	12.5	0.0	0.0
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	205	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C	406	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C	611	41.0	0.0	0.0	5.0	50.0	0.0	0.0
								903	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =									47.8	0.0	0.0	1.3	12.5	0.0	0.0

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	IPHOE	SOLPT	SOLPT	SIDSP	SIDSP	CYPES	CYPES							
Pest Name	Ivyleaf mor>	Eastern bla>	Eastern bla>	Prickly sida	Prickly sida	Yellow nuts>	Yellow nuts>							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn							
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18							
Part Rated	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P							
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007							
Rating Data Type	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER							
Rating Unit														
Crop Stage	Mature	Mature	Mature	Mature	Mature	Mature	Mature							
Pest Stage														
Pest Density, Unit														
Footnote Number														
Assessed By	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW							
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100							
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1							
ARM Action Codes														
Number of Decimals														
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	82	83	84	85	86	87	88
25	Weed free check						303	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		507	0.0	0.0	0.0	7.0	25.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		703	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B		1009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C									
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C									
	Mean =							0.0	0.0	0.0	1.8	6.3	0.0	0.0
26	non-treated check						304	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							510	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							803	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							1008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =							0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	non-treated check						305	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							309	50.0	0.0	0.0	0.0	0.0	0.0	0.0
							708	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							805	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mean =							12.5	0.0	0.0	0.0	0.0	0.0	0.0

Purdue University

Pest Type							
Pest Code							
Pest Name							
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Part Rated	SEMAHA C						
Rating Date	Sep/27/2007						
Rating Data Type	YIELD						
Rating Unit	BU						
Crop Stage	Mature						
Pest Stage							
Pest Density, Unit							
Footnote Number							
Assessed By	KW						
Days After First/Last Applic.	156 114						
Plant-Eval Interval	156 DP-1						
ARM Action Codes	TY1						
Number of Decimals	1						

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plot	96
25	Weed free check							303	176.5
	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	507	170.1
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B	703	188.1
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B	1009	222.4
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	LAPOWE	C		
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C		
								Mean =	189.3
26	non-treated check							304	9.3
								510	18.6
								803	54.0
								1008	43.0
								Mean =	31.2
27	non-treated check							305	13.9
								309	8.7
								708	24.4
								805	37.7
								Mean =	21.2

ARM Action Codes
 TY1 = 5.80556*[95]

Footnote 1: Total count for pest in subplot; on 5/18/07 used meter stick to count all weeds and ft2 quad to count SETFA; on 6/7/07 used m2 quad to count all weeds and ft2 quad to count SETFA

Footnote 2: 0-3 in. size group
 Footnote 3: 3-6 in. size group
 Footnote 4: >6 in. size group
 Footnote 5: 6-9 in. size group
 Footnote 6: 9-12 in. size groups
 Footnote 7: 12-15 in. size group
 Footnote 8: 15-18 in size counts
 Footnote 9: 30 in. size count
 Footnote 10: Stunting due to weed competition

Purdue University

Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code		SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR						
Pest Name		Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant ragwe->						
Crop Code		ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale		BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name		Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety		DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated		PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date		May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007						
Rating Data Type		CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO						
Rating Unit		%	%	%	%	%	%						
Crop Stage		V3	V3	V3	V3	V3	V3						
Pest Stage													
Pest Density, Unit		225 YD2	225 YD2	225 YD2	225 YD2	225 YD2	225 YD2						
Footnote Number			1	2	3	4	1						
Assessed By		VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK						
Days After First/Last Applic.		24 0	24 0	24 0	24 0	24 0	24 0						
Plant-Eval Interval		24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4	5	6	7
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	63.3 a-e					51.3 a-d	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE	A	76.0 abc					58.3 a-d	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	67.5 a-e					48.0 a-d	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	58.0 b-e					47.8 a-d	
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C							
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	40.8 de					42.0 a-d	
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A							
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	91.8 ab					51.3 a-d	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	97.3 a					37.5 bcd	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	97.0 a					62.5 abc	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	82.5 abc					40.8 bcd	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	93.0 ab					77.5 a	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	92.8 ab					71.3 ab	
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
25	Weed free check						51.3 cde	68.3 a	68.3 a	0.0 b	0.0 a	60.5 a-d	9.5 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B							
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
26	non-treated check						0.0 f					0.0 e	

Purdue University

Pest Type	W Weed						
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	AMBTR	AMBTR
Pest Name	Giant foxta->	Giant ragwe->	Giant ragwe->				
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Part Rated	PLAQUA P						
Rating Date	May/18/2007						
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA
Rating Unit	%					%	
Crop Stage	V3						
Pest Stage							
Pest Density, Unit	225 YD2						
Footnote Number		1	2	3	4		1
Assessed By	VMD GK MK						
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0
Plant-Eval Interval	24 DP-1						
ARM Action Codes							
Number of Decimals							
Trt Treatment	Rate	Other	Other	Growth	Appl		
No. Name	Rate	Unit	Rate	Rate Unit	Stage	Code	
	1		2		3		4
	5		6		7		
27 non-treated check	0.0 f						0.0 e
LSD (P=.05)	21.31	63.26	63.69	1.23	1.19	19.87	15.46
Standard Deviation	15.07	44.27	44.57	0.86	0.83	14.05	10.82
CV	21.2	98.21	99.98	224.2	721.11	29.58	78.78
Bartlett's X2	101.438	58.194	57.833	8.457	0.0	19.651	25.155
P(Bartlett's X2)	0.001*	0.001*	0.001*	0.133	.	0.716	0.014*
Replicate F	4.821	7.065	6.935	1.448	1.000	13.154	2.892
Replicate Prob(F)	0.0039	0.0007	0.0008	0.2449	0.4040	0.0001	0.0486
Treatment F	13.021	2.199	2.142	2.276	1.000	7.137	1.670
Treatment Prob(F)	0.0001	0.0339	0.0387	0.0283	0.4685	0.0001	0.1156

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBTR	AMBTR	CHEAL	CHEAL	AMARE	ECHCG	CYPES						
Pest Name	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	Redroot pig>	Common barn>	Yellow nuts>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007						
Rating Data Type	COUPLA	COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA						
Rating Unit			%										
Crop Stage	V3	V3	V3	V3	V3	V3	V3						
Pest Stage													
Pest Density, Unit													
Footnote Number	2	3		1	1	1	1						
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK						
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0						
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	8	9	10	11	12	13	14
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A			100.0 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A			97.5 a				
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C							
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A			86.8 a				
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A							
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A			100.0 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A			100.0 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A			99.3 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A			100.0 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A			99.3 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A			100.0 a				
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
25	Weed free check						9.5 a	0.0 a	95.5 a	2.3 b	0.8 a	0.0 a	1.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B							
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
26	non-treated check								0.0 d				
27	non-treated check								0.0 d				
LSD (P=.05)		15.48	0.45				19.42	0.45	19.42	15.13	21.34	0.59	4.70
Standard Deviation		10.83	0.31				13.73	0.31	13.73	10.59	14.93	0.42	3.29
CV		79.21	543.42				15.93	543.42	15.93	257.25	408.65	721.11	438.92
Bartlett's X2		24.942	1.331				72.829	1.331	72.829	88.072	86.917	0.0	32.371
P(Bartlett's X2)		0.015*	0.249				0.001*	0.249	0.001*	0.001*	0.001*	.	0.001*
Replicate F		2.856	0.717				4.046	0.717	4.046	1.895	2.460	1.000	2.188
Replicate Prob(F)		0.0506	0.5481				0.0100	0.5481	0.0100	0.1479	0.0784	0.4040	0.1063
Treatment F		1.637	0.913				17.289	0.913	17.289	3.197	1.266	1.000	0.973
Treatment Prob(F)		0.1248	0.5438				0.0001	0.5438	0.0001	0.0034	0.2801	0.4685	0.4915

Purdue University

Pest Type	W Weed						
Pest Code	AMBTR	AMBTR	CHEAL	CHEAL	AMARE	ECHCG	CYPES
Pest Name	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	Redroot pig>	Common barn>	Yellow nuts>
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Part Rated	PLAQUA P						
Rating Date	May/18/2007						
Rating Data Type	COUPLA	COUPLA	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit			%				
Crop Stage	V3						
Pest Stage							
Pest Density, Unit							
Footnote Number	2	3		1	1	1	1
Assessed By	VMD GK MK						
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	24 0
Plant-Eval Interval	24 DP-1						
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	ABUTH	SOLPT	IPOHE	SIDSP	HIBTR	TAROF	SETFA						
Pest Name	Velvetleaf	Eastern bla-	lyleaf mor->	Prickly sida	Venice mall->	Common dand->	Giant foxta->						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTR0						
Rating Unit													
Crop Stage	V3	V3	V3	V3	V3	V3	V5-6						
Pest Stage													
Pest Density, Unit							65 YD2						
Footnote Number	1	1	1	1	1	1							
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	KW VM BN						
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	44 2						
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	44 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	15	16	17	18	19	20	21
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A								8.8 cd
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A								44.5 bc
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE C								
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A								5.5 cd
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A								
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A								45.0 bc
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A								82.0 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE A								81.8 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE A								4.8 cd
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE A								42.5 bcd
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE A								65.3 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
25	Weed free check						2.0 a	0.0 a	0.5 a	0.0 a	0.0 a	0.0 a	95.3 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A								
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B								
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B								
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
26	non-treated check												0.0 d
27	non-treated check												0.0 d
LSD (P=.05)		1.64	0.40				1.67	0.59	1.85				26.78
Standard Deviation		1.15	0.28				1.17	0.42	1.29				18.94
CV		106.45	721.11				183.98	721.11	419.98				31.59
Bartlett's X2		8.926	0.0				27.922	0.0	13.412				150.399
P(Bartlett's X2)		0.539	.				0.006*	.	0.004*				0.001*
Replicate F		2.459	1.000				1.143	1.000	1.474				1.194
Replicate Prob(F)		0.0785	0.4040				0.3450	0.4040	0.2379				0.3175
Treatment F		1.693	1.000				0.386	1.000	1.177				18.934
Treatment Prob(F)		0.1099	0.4685				0.9601	0.4685	0.3356				0.0001

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	SOLPT	IPOHE	SIDSP	HIBTR	TAROF	SETFA
Pest Name	Velvetleaf	Eastern bla-	Ivyleaf mor->	Prickly sida	Venice mall->	Common dand->	Giant foxta->
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P
Rating Date	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	May/18/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO
Rating Unit							
Crop Stage	V3	V3	V3	V3	V3	V3	V5-6
Pest Stage							
Pest Density, Unit							65 YD2
Footnote Number	1	1	1	1	1	1	
Assessed By	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	VMD GK MK	KW VM BN
Days After First/Last Applic.	24 0	24 0	24 0	24 0	24 0	24 0	44 2
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	24 DP-1	44 DP-1
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed	W Weed					
Pest Code		SETFA	SETFA	SETFA	SETFA	SETFA	SETFA					
Pest Name		Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->					
Crop Code		ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX					
BBCH Scale		BCOR	BCOR	BCOR	BCOR	BCOR	BCOR					
Crop Name		Corn	Corn	Corn	Corn	Corn	Corn					
Crop Variety		DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18					
Part Rated		PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P					
Rating Date		Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007					
Rating Data Type		COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA					
Rating Unit												
Crop Stage		V5-6	V5-6	V5-6	V5-6	V5-6	V5-6					
Pest Stage												
Pest Density, Unit		65 YD2	65 YD2	65 YD2	65 YD2	65 YD2	65 YD2					
Footnote Number		1	2	3	5	6	7					
Assessed By		WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN					
Days After First/Last Applic.		44 2	44 2	44 2	44 2	44 2	44 2					
Plant-Eval Interval		44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1					
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	22	23	24	25	26	27
1	Roundup WeatherMAX AMS	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		48.3 abc	45.5 a	2.8 a	0.0 a	0.0 a	0.0 b
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B							
	Roundup WeatherMAX AMS	1.13 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
2	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C		90.0 ab	32.3 abc	9.0 a	10.5 a	14.8 a	23.5 ab
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
3	ATRAZINE	1 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
4	ATRAZINE	1.5 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
5	ATRAZINE	2 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A							
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A							
	SIMAZINE	1 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 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 ai/a	2.5 lb/a		EAPOWE B							
9	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A							3.0 ab
	Roundup WeatherMAX AMS	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B							
10	HARNESS XTRA 5.6	3.36 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
11	LEXAR	1.57 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
12	LEXAR	2.22 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
13	LEXAR	3.24 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		47.3 abc	11.3 bcd	0.0 a	6.8 a	10.8 a	18.0 ab
	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A		41.0 abc	11.5 bcd	3.8 a	1.3 a	14.3 a	10.3 ab
	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA						
Pest Name	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->	Giant foxta->						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit	65 YD2	65 YD2	65 YD2	65 YD2	65 YD2	65 YD2						
Footnote Number	1	2	3	5	6	7						
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	22	23	24	25	26	27
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	57.3 abc	13.3 bcd	4.8 a	4.3 a	18.3 a	16.8 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	62.0 abc	19.8 bcd	9.0 a	6.5 a	14.5 a	12.3 ab
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	104.0 a	19.0 bcd	0.8 a	5.0 a	54.5 a	24.8 ab
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	27.3 bc	4.3 cd	4.3 a	8.3 a	4.3 a	6.3 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	13.5 c	2.5 d	1.5 a	2.3 a	7.3 a	0.0 b
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	9.0 c	2.3 d	2.3 a	2.8 a	0.8 a	1.0 b
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	31.8 bc	4.0 cd	5.8 a	5.3 a	11.8 a	5.0 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	26.0 bc	4.3 cd	5.0 a	3.3 a	13.0 a	0.5 b
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	33.3 bc	6.5 cd	10.0 a	6.3 a	7.8 a	2.8 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						39.5 abc	36.0 ab	3.5 a	0.0 a	0.0 a	0.0 b
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						69.5 abc	20.0 bcd	7.0 a	4.5 a	14.5 a	23.5 ab
27	non-treated check						72.3 abc	17.0 bcd	3.0 a	7.0 a	12.0 a	33.3 a
LSD (P=.05)							41.95	16.67	5.98	9.84	26.63	18.27
Standard Deviation							29.36	11.67	4.19	6.89	18.63	12.78
CV							60.86	74.89	92.72	149.38	150.37	120.23
Bartlett's X2							32.668	44.939	19.904	17.002	68.73	52.984
P(Bartlett's X2)							0.005*	0.001*	0.133	0.199	0.001*	0.001*
Replicate F							12.582	12.775	13.015	1.169	1.430	3.820
Replicate Prob(F)							0.0001	0.0001	0.0001	0.3320	0.2465	0.0160
Treatment F							3.237	4.905	2.041	0.730	1.833	2.819
Treatment Prob(F)							0.0012	0.0001	0.0332	0.7413	0.0594	0.0032

Purdue University

Pest Type	W Weed					
Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA	SETFA
Pest Name	Giant foxta->					
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	65 YD2					
Footnote Number	1	2	3	5	6	7
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

								W Weed					
								AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
								Giant ragwe->					
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P					
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
								CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
								7 YD2					
								1	2	3	5	6	
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
								44 2	44 2	44 2	44 2	44 2	
								44 DP-1					
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	28	29	30	31	32	33
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B		93.3 a	13.0 a	11.3 a	1.8 a	0.0 a	0.0 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C		0.0 b	14.8 a	1.8 b	0.0 a	0.0 a	2.0 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		92.8 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		90.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE A		95.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		94.8 a					
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		93.8 a					
	SIMAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE A		71.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A		90.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE A		93.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE A		93.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE A		94.3 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE A		94.5 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 b	6.0 a	1.0 b	0.0 a	0.0 a	1.5 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		8.8 b	8.5 a	0.5 b	0.0 a	1.0 a	2.0 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR						
Pest Name	Giant ragwe-	Giant ragwe-	Giant ragwe-	Giant ragwe-	Giant ragwe-	Giant ragwe-						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2	7 YD2						
Footnote Number		1	2	3	5	6						
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	28	29	30	31	32	33
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	0.0 b	10.8 a	2.5 b	0.3 a	0.0 a	2.3 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	1.8 b	7.0 a	0.8 b	0.0 a	1.0 a	2.0 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 b	13.5 a	2.3 b	0.0 a	0.5 a	1.5 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.0 b	14.0 a	4.8 ab	0.0 a	1.3 a	1.3 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.0 b	21.8 a	5.8 ab	2.3 a	3.5 a	3.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	0.0 b	16.0 a	5.3 ab	2.3 a	1.0 a	3.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.0 b	17.0 a	6.3 ab	1.0 a	1.5 a	2.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	18.8 b	8.0 a	3.3 ab	1.5 a	0.5 a	0.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	26.3 b	7.3 a	3.8 ab	1.5 a	0.3 a	1.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						95.3 a	7.5 a	7.0 ab	0.5 a	0.0 a	0.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						0.0 b	7.8 a	1.5 b	1.0 a	0.0 a	1.3 a
27	non-treated check						0.0 b	7.0 a	0.5 b	0.0 a	0.0 a	0.8 a
LSD (P=.05)							20.03	11.13	5.14	2.04	2.06	3.20
Standard Deviation							14.17	7.79	3.60	1.42	1.44	2.24
CV							30.7	69.31	99.28	190.0	220.02	139.08
Bartlett's X2							116.838	24.708	30.731	13.728	18.474	12.736
P(Bartlett's X2)							0.001*	0.054	0.01*	0.089	0.018*	0.468
Replicate F							0.173	2.970	2.332	0.103	3.148	1.982
Replicate Prob(F)							0.9143	0.0417	0.0868	0.9581	0.0341	0.1301
Treatment F							40.731	1.399	2.694	1.445	1.629	0.851
Treatment Prob(F)							0.0001	0.1891	0.0052	0.1685	0.1038	0.6187

Purdue University

Pest Type	W Weed					
Pest Code	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
Pest Name	Giant ragwe>					
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	CONTRO	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	7 YD2					
Footnote Number		1	2	3	5	6
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

								W Weed AMBTR Giant ragwe-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 COUPLA	W Weed AMBTR Giant ragwe-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 COUPLA	W Weed AMBTR Giant ragwe-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 COUPLA	W Weed CHEAL Common lamb-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 CONTRO	W Weed CHEAL Common lamb-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 COUPLA	W Weed CHEAL Common lamb-> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Jun/07/2007 COUPLA	
Tri	Treatment	Rate	Other	Other	Growth	Appl								
No.	Name	Rate	Unit	Rate	Rate Unit	Stage	Code	34	35	36	37	38	39	
1	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B	0.0 a	0.0 a	0.0 a	60.3 ab	29.0 a	29.0 a	
	Roundup WeatherMAX AMS	1.13 2.5	lb ae/a lb ai/a	32 2.5	fl oz/a lb/a	LAPOWE	C							
2	Roundup WeatherMAX AMS	1.12 2.5	lb ae/a lb ai/a	32 2.5	fl oz/a lb/a	LAPOWE	C	7.3 a	3.8 a	0.0 a	12.5 bc	8.0 a	0.8 a	
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A				98.3 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A				98.8 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A				99.8 a			
	BALANCE PRO	0.047	lb ai/a	1.5	fl oz/a	PREPRE	A							
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A				97.5 a			
	SIMAZINE	1	lb ai/a	1	qt/a	PREPRE	A							
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A				99.5 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A				100.0 a			
	Roundup WeatherMAX AMS	0.75 2.5	lb ae/a lb ai/a	21.3 2.5	fl oz/a lb/a	EAPOWE	B							
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	2.0 a	1.5 a	0.0 a	59.3 ab	8.8 a	0.8 a	
	Roundup WeatherMAX AMS	1.12 2.5	lb ae/a lb ai/a	32 2.5	fl oz/a lb/a	LAPOWE	C							
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE	A	2.5 a	2.5 a	0.0 a	58.8 ab	1.3 a	1.0 a	
	Roundup WeatherMAX AMS	1.12 2.5	lb ae/a lb ai/a	32 2.5	fl oz/a lb/a	LAPOWE	C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL	CHEAL						
Pest Name	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	Common lamb>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA	COUPLA						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit	7 YD2	7 YD2	7 YD2	1 YD2	1 YD2	1 YD2						
Footnote Number	7	8	9		1	2						
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	34	35	36	37	38	39
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	3.8 a	2.0 a	0.0 a	50.0 ab	0.5 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	2.8 a	0.5 a	0.0 a	46.3 ab	1.5 a	0.8 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	4.0 a	2.8 a	0.0 a	61.3 ab	1.3 a	0.0 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	1.3 a	5.5 a	0.0 a	71.3 a	0.8 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	5.8 a	1.5 a	0.0 a	61.3 ab	0.3 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	2.8 a	1.0 a	0.0 a	75.0 a	2.3 a	0.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	2.5 a	3.0 a	0.0 a	83.8 a	2.3 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	1.8 a	0.3 a	0.0 a	73.8 a	1.0 a	0.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.8 a	0.0 a	0.0 a	73.8 a	0.5 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						0.0 a	0.0 a	0.0 a	99.8 a	0.3 a	0.3 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						1.8 a	4.0 a	0.3 a	0.0 c	11.8 a	2.8 a
27	non-treated check						1.8 a	4.0 a	0.0 a	0.0 c	10.5 a	4.0 a
LSD (P=.05)		4.50	4.87				0.18	34.80		16.25		15.10
Standard Deviation		3.15	3.41				0.13	24.61		11.37		10.57
CV		124.35	169.03				800.0	33.55		228.11		417.44
Bartlett's X2		27.507	36.717				0.0	102.744		128.639		106.684
P(Bartlett's X2)		0.011*	0.001*				.	0.001*		0.001*		0.001*
Replicate F		3.152	4.047				1.000	12.104		1.587		0.780
Replicate Prob(F)		0.0339	0.0125				0.4016	0.0001		0.2056		0.5112
Treatment F		1.510	1.009				1.000	6.332		1.754		1.829
Treatment Prob(F)		0.1421	0.4631				0.4718	0.0001		0.0739		0.0601

Purdue University

Pest Type	W Weed					
Pest Code	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL	CHEAL
Pest Name	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>	Common lamb>
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	CONTRO	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	7 YD2	7 YD2	7 YD2	1 YD2	1 YD2	1 YD2
Footnote Number	7	8	9		1	2
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

								W Weed	W Weed				
								CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	ABUTH
								Common lamb>	Velvetleaf				
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18	DKC 60-18				
								PLAQUA P	PLAQUA P				
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
								1 YD2	1 YD2				
								3	5	6	7	8	
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
								44 2	44 2	44 2	44 2	44 2	44 2
								44 DP-1	44 DP-1				
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	40	41	42	43	44	45
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B		0.0 a	98.8 a				
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C		2.5 a	3.5 a	1.0 a	0.3 a	0.0 a	25.0 bc
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							97.0 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A							98.5 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE A							97.5 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							98.3 a
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							100.0 a
	SIMAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE A							97.5 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A						0.0 a	97.0 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE A							94.8 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE A							100.0 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE A							100.0 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE A							99.8 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 a	1.0 a	1.0 a	3.0 a	3.0 a	37.5 abc
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		0.0 a	0.0 a	0.3 a	0.0 a	0.0 a	63.8 ab
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL						
Pest Name	Common lamb>	Common lamb>	Common lamb>	Common lamb>	Common lamb>	Common lamb>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit	1 YD2	1 YD2	1 YD2	1 YD2	1 YD2	1 YD2						
Footnote Number	3	5	6	7	8							
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	40	41	42	43	44	45
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	0.0 a	0.0 a	0.3 a	0.3 a	0.0 a	43.8 abc
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.8 a	0.0 a	0.0 a	43.8 abc
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	1.3 a	0.0 a	70.0 ab
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.0 a	0.0 a	0.5 a	0.3 a	0.0 a	37.5 abc
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.3 a	0.0 a	0.0 a	0.0 a	0.0 a	37.5 abc
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	0.3 a	0.0 a	0.3 a	1.3 a	0.0 a	47.5 abc
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.0 a	1.0 a	1.0 a	0.3 a	0.0 a	87.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.3 a	0.0 a	0.0 a	0.0 a	87.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.3 a	0.0 a	0.3 a	0.0 a	0.0 a	87.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	99.5 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						0.0 a	2.3 a	5.3 a	1.3 a	0.3 a	0.0 c
27	non-treated check						1.3 a	2.8 a	0.5 a	1.3 a	0.8 a	0.0 c
LSD (P=.05)		1.89	3.00						2.67	2.47	2.01	34.75
Standard Deviation		1.32	2.10						1.87	1.73	1.40	24.57
CV		469.42	312.36						271.9	306.92	596.61	34.07
Bartlett's X2		25.036	18.802						45.077	38.298	12.587	122.291
P(Bartlett's X2)		0.001*	0.002*						0.001*	0.001*	0.002*	0.001*
Replicate F		1.829	0.533						0.692	3.117	0.816	3.923
Replicate Prob(F)		0.1555	0.6618						0.5620	0.0353	0.4918	0.0116
Treatment F		1.030	1.194						1.855	0.934	1.102	7.182
Treatment Prob(F)		0.4440	0.3112						0.0558	0.5356	0.3819	0.0001

Purdue University

Pest Type	W Weed	W Weed				
Pest Code	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	ABUTH
Pest Name	Common lamb>	Velvetleaf				
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18				
Part Rated	PLAQUA P	PLAQUA P				
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	CONTRO
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	1 YD2	1 YD2				
Footnote Number	3	5	6	7	8	
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1	44 DP-1				
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed		W Weed		W Weed		W Weed		W Weed		W Weed	
Pest Code	ABUTH		ABUTH		ABUTH		ABUTH		ABUTH		ABUTH	
Pest Name	Velvetleaf		Velvetleaf		Velvetleaf		Velvetleaf		Velvetleaf		Velvetleaf	
Crop Code	ZEAMX		ZEAMX		ZEAMX		ZEAMX		ZEAMX		ZEAMX	
BBCH Scale	BCOR		BCOR		BCOR		BCOR		BCOR		BCOR	
Crop Name	Corn		Corn		Corn		Corn		Corn		Corn	
Crop Variety	DKC 60-18		DKC 60-18		DKC 60-18		DKC 60-18		DKC 60-18		DKC 60-18	
Part Rated	PLAQUA P		PLAQUA P		PLAQUA P		PLAQUA P		PLAQUA P		PLAQUA P	
Rating Date	Jun/07/2007		Jun/07/2007		Jun/07/2007		Jun/07/2007		Jun/07/2007		Jun/07/2007	
Rating Data Type	COUPLA		COUPLA		COUPLA		COUPLA		COUPLA		COUPLA	
Rating Unit												
Crop Stage	V5-6		V5-6		V5-6		V5-6		V5-6		V5-6	
Pest Stage												
Pest Density, Unit	1 YD2		1 YD2		1 YD2		1 YD2		1 YD2		1 YD2	
Footnote Number	1		2		3		5		6		7	
Assessed By	WGJAWVMBN		WGJAWVMBN		WGJAWVMBN		WGJAWVMBN		WGJAWVMBN		WGJAWVMBN	
Days After First/Last Applic.	44 2		44 2		44 2		44 2		44 2		44 2	
Plant-Eval Interval	44 DP-1		44 DP-1		44 DP-1		44 DP-1		44 DP-1		44 DP-1	
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	46	47	48	49	50	51
1	Roundup WeatherMAX AMS	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B		0.5 a	0.5 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B							
	Roundup WeatherMAX AMS	1.13 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
2	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C		0.3 a	0.0 a	0.0 a	0.3 a	0.5 a	0.3 a
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
3	ATRAZINE	1 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
4	ATRAZINE	1.5 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
5	ATRAZINE	2 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
6	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A							
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
7	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A							
	SIMAZINE	1 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
8	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 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 ai/a	2.5 lb/a		EAPOWE B							
9	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A		0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX AMS	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B							
10	HARNESS XTRA 5.6	3.36 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
11	LEXAR	1.57 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
12	LEXAR	2.22 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
13	LEXAR	3.24 lb ai/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 ai/a	2.5 lb/a		EAPOWE B							
14	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		1.8 a	0.0 a	0.0 a	0.0 a	0.8 a	1.0 a
	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							
15	ATRAZINE	1.5 lb ai/a	1.5 qt/a		PREPRE A		1.0 a	0.0 a	0.0 a	0.0 a	0.3 a	0.8 a
	Roundup WeatherMAX AMS	1.12 lb ae/a	32 fl oz/a		LAPOWE C							
	Roundup WeatherMAX AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C							

Purdue University

								W Weed					
								ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH
								Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P					
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
								1 YD2					
								1	2	3	5	6	7
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
								44 2	44 2	44 2	44 2	44 2	44 2
								44 DP-1					
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	46	47	48	49	50	51
16	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A	0.3 a	0.0 a	0.0 a	0.0 a	0.0 a	0.3 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
17	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	0.5 a	0.0 a	0.5 a	0.0 a	0.0 a	0.0 a
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	LAPOWE	C						
18	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.5 a
	SIMAZINE	1	lb ai/a	1	qt/a	PREPRE	A						
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
19	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE	A	0.8 a	0.0 a	0.3 a	0.3 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
20	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.3 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
21	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE	A	1.0 a	0.0 a	0.3 a	0.0 a	0.0 a	0.8 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
22	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
23	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
24	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12	lb ae/a	32	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
25	Weed free check							0.5 a	0.5 a	0.0 a	0.0 a	0.0 a	0.0 a
	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE	A						
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	EAPOWE	B						
	AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE	B						
	Roundup WeatherMAX	0.75	lb ae/a	21.3	fl oz/a	LAPOWE	C						
	AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE	C						
26	non-treated check							0.0 a					
27	non-treated check							1.0 a	0.8 a	0.0 a	0.0 a	0.0 a	0.0 a
LSD (P=.05)								1.14	0.60	0.43	0.26	0.58	0.92
Standard Deviation								0.79	0.42	0.30	0.18	0.41	0.64
CV								180.11	406.57	516.08	608.46	462.68	291.36
Bartlett's X2								12.606	3.863	2.057	0.0	4.459	10.232
P(Bartlett's X2)								0.181	0.145	0.358	.	0.108	0.115
Replicate F								1.894	1.651	1.277	0.612	2.000	3.358
Replicate Prob(F)								0.1441	0.1910	0.2938	0.6106	0.1275	0.0269
Treatment F								1.660	1.259	0.858	0.861	1.114	1.050
Treatment Prob(F)								0.0918	0.2642	0.6176	0.6142	0.3716	0.4270

Purdue University

Pest Type	W Weed					
Pest Code	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH
Pest Name	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	1 YD2					
Footnote Number	1	2	3	5	6	7
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

							W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
							ABUTH	IPHOE	IPHOE	IPHOE	IPHOE	IPHOE	
							Velvetleaf	Ivyleaf mor->					
							ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
							BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
							Corn	Corn	Corn	Corn	Corn	Corn	
							DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	
							PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
							Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	
							COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	
							V5-6	V5-6	V5-6	V5-6	V5-6	V5-6	
							1 YD2						
							8	1	2	5	6	7	
							WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	
							44 2	44 2	44 2	44 2	44 2	44 2	
							44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	52	53	54	55	56	57
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B		0.0 a	10.3 a	10.3 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C		0.0 a	3.3 a	2.8 a	0.0 a	0.5 a	0.0 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
3	ATRAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
4	ATRAZINE	1.5	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
5	ATRAZINE	2	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							
	SIMAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	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 ai/a	2.5	lb/a	EAPOWE B							
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A		0.0 a	0.0 a				
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
10	HARNESS XTRA 5.6	3.36	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
11	LEXAR	1.57	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
12	LEXAR	2.22	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
13	LEXAR	3.24	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 a	4.8 a	4.0 a	0.0 a	0.5 a	0.0 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		0.0 a	6.5 a	5.8 a	0.0 a	0.0 a	0.3 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	ABUTH	IPHOE	IPHOE	IPHOE	IPHOE	IPHOE						
Pest Name	Velvleaf	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->	Ivyleaf mor->						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit	1 YD2											
Footnote Number	8	1	2	5	6	7						
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	52	53	54	55	56	57
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	0.0 a	9.3 a	9.3 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	7.5 a	7.3 a	0.3 a	0.0 a	0.0 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	2.5 a	2.3 a	0.3 a	0.0 a	0.0 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.3 a	6.3 a	6.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.0 a	4.8 a	4.5 a	0.3 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	2.3 a	2.3 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.0 a	7.5 a	6.5 a	0.3 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	8.0 a	7.5 a	0.0 a	0.5 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.0 a	1.5 a	1.5 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						0.0 a	6.5 a	6.5 a	0.0 a	0.0 a	0.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						0.0 a	4.8 a	4.5 a	0.0 a	0.0 a	0.0 a
27	non-treated check						0.3 a	3.8 a	3.3 a	0.0 a	0.0 a	0.0 a
LSD (P=.05)		0.25	5.92				0.25	4.14	4.03	0.36	0.47	0.18
Standard Deviation		0.17	4.14				0.25	4.03	4.03	0.25	0.33	0.13
CV		589.68	78.84				430.25	78.84	81.55	430.25	371.05	851.67
Bartlett's X2		0.0	13.832				0.0	13.832	14.935	0.0	1.287	0.0
P(Bartlett's X2)		.	0.538				.	0.538	0.456	.	0.525	.
Replicate F		1.956	7.818				1.956	7.818	7.872	0.612	0.549	0.938
Replicate Prob(F)		0.1346	0.0003				0.1346	0.0003	0.0003	0.6106	0.6516	0.4305
Treatment F		0.917	1.868				0.917	1.868	1.924	0.746	1.441	0.938
Treatment Prob(F)		0.5568	0.0509				0.5568	0.0509	0.0433	0.7332	0.1665	0.5354

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	IPOHE	IPOHE	IPOHE	IPOHE	IPOHE
Pest Name	Velvetleaf	Ivyleaf mor->				
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit	1 YD2					
Footnote Number	8	1	2	5	6	7
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

								W Weed					
								AMARE	AMARE	AMARE	AMARE	AMARE	AMARE
								lvyleaf mor->	Redroot pig->				
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
								Corn	Corn	Corn	Corn	Corn	Corn
								DKC 60-18					
								PLAQUA P					
								Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
								COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
								V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
								8	1	2	3	5	6
								WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
								44 2	44 2	44 2	44 2	44 2	44 2
								44 DP-1					
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	58	59	60	61	62	63
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B		0.0 a	22.8 a	22.8 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C		0.0 a	1.8 a	0.0 a	0.0 b	0.0 a	1.3 a
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
3	ATRAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
4	ATRAZINE	1.5	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
5	ATRAZINE	2	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A							
	SIMAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	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 ai/a	2.5	lb/a	EAPOWE B							
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B							
10	HARNESS XTRA 5.6	3.36	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
11	LEXAR	1.57	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
12	LEXAR	2.22	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
13	LEXAR	3.24	lb ai/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 ai/a	2.5	lb/a	EAPOWE B							
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.3 a	4.5 a	0.8 a	0.3 b	0.5 a	2.5 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		0.5 a	5.5 a	0.0 a	0.5 b	0.0 a	0.8 a
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C							
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C							

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	IPHOE	AMARE	AMARE	AMARE	AMARE	AMARE						
Pest Name	lvyleaf mor->	Redroot pig->	Redroot pig->	Redroot pig->	Redroot pig->	Redroot pig->						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007						
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA						
Rating Unit												
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6						
Pest Stage												
Pest Density, Unit												
Footnote Number	8	1	2	3	5	6						
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN						
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2						
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1						
ARM Action Codes												
Number of Decimals												
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	58	59	60	61	62	63
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	0.0 a	1.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	2.0 a	0.0 a	0.3 b	0.0 a	1.8 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C						
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	1.0 a	0.0 a	0.0 b	0.0 a	0.3 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A						
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
19	HARNESXTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.3 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
20	HARNESXTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
21	HARNESXTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.8 a	4.3 a	0.0 a	1.0 b	2.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.3 a	0.0 a	0.0 b	0.0 a	0.3 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
25	Weed free check						0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B						
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B						
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C						
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C						
26	non-treated check						0.3 a	16.5 a	1.0 a	13.3 a	1.8 a	0.0 a
27	non-treated check						0.5 a	7.5 a	6.8 a	0.0 b	0.0 a	0.0 a
LSD (P=.05)		0.73	16.81				0.73	16.81	16.66	5.60	1.89	2.29
Standard Deviation		0.51	11.77				0.51	11.77	11.66	3.92	1.32	1.60
CV		347.69	298.53				347.69	298.53	634.03	436.56	528.41	402.72
Bartlett's X2		7.307	70.802				7.307	70.802	30.872	45.338	4.61	19.507
P(Bartlett's X2)		0.199	0.001*				0.199	0.001*	0.001*	0.001*	0.10	0.002*
Replicate F		1.575	4.598				1.575	4.598	1.383	1.154	1.761	3.089
Replicate Prob(F)		0.2086	0.0069				0.2086	0.0069	0.2603	0.3377	0.1681	0.0365
Treatment F		0.844	1.191				0.844	1.191	0.934	2.661	0.895	0.868
Treatment Prob(F)		0.6322	0.3111				0.6322	0.3111	0.5395	0.0051	0.5785	0.6064

Purdue University

Pest Type	W Weed					
Pest Code	IPOHE	AMARE	AMARE	AMARE	AMARE	AMARE
Pest Name	lvyleaf mor->	Redroot pig->				
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Part Rated	PLAQUA P					
Rating Date	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007	Jun/07/2007
Rating Data Type	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA	COUPLA
Rating Unit						
Crop Stage	V5-6	V5-6	V5-6	V5-6	V5-6	V5-6
Pest Stage						
Pest Density, Unit						
Footnote Number	8	1	2	3	5	6
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN	WGJAWVMBN
Days After First/Last Applic.	44 2	44 2	44 2	44 2	44 2	44 2
Plant-Eval Interval	44 DP-1					
ARM Action Codes						
Number of Decimals						

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMARE	AMARE		SETFA	AMBTR	CHEAL	SETFA						
Pest Name	Redroot pig->	Redroot pig->		Giant foxta>	Giant ragwe>	Common lamb>	Giant foxta>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P						
Rating Date	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Sep/13/2007						
Rating Data Type	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit													
Crop Stage	V5-6	V5-6	V12	V12	V12	V12	Mature						
Pest Stage				30-40"	30-60"	34-40"	3-6'						
Pest Density, Unit				162 YD2	1 YD2	5 YD2	18 YD2						
Footnote Number	7	8	10										
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD	WGJ & VMD	KW AW						
Days After First/Last Applic.	44 2	44 2	62 20	62 20	62 20	62 20	142 100						
Plant-Eval Interval	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1	62 DP-1	142 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	64	65	66	67	68	69	70
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A		1.0 a	0.0 a	24.5 abc	99.0 a	87.0 a	100.0 a	78.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		0.0 a	0.0 a	19.5 b-e	98.8 a	92.0 a	100.0 a	88.5 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE C								
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE A		0.8 a	0.0 a	33.3 ab	99.0 a	94.0 a	100.0 a	74.5 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE A								
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE A		0.0 a	0.0 a	14.3 cde	99.5 a	85.8 a	100.0 a	87.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE A		0.0 a	0.0 a	14.3 cde	99.3 a	83.8 a	100.0 a	89.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE A		0.0 a	0.0 a	11.3 cde	98.5 a	267.5 a	100.0 a	97.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE A		1.3 a	0.0 a	18.3 b-e	99.3 a	86.3 a	100.0 a	93.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE A		0.0 a	0.0 a	9.8 cde	98.3 a	93.0 a	97.0 a	97.8 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE A		0.0 a	0.0 a	10.0 cde	99.0 a	93.8 a	100.0 a	99.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
25	Weed free check						0.0 a	0.0 a	1.3 e	99.3 a	97.5 a	100.0 a	95.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE A								
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE B								
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE B								
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE C								
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE C								
26	non-treated check						0.0 a	0.5 a	27.5 abc	12.5 c	12.5 a	12.5 c	0.0 b
27	non-treated check						0.0 a	0.8 a	13.3 cde	25.0 b	25.0 a	25.0 b	0.0 b
LSD (P=.05)		2.94	0.67				2.94	0.67	11.21	12.45	98.41	10.90	19.31
Standard Deviation		2.06	0.47				2.06	0.47	7.93	8.80	69.59	7.71	13.65
CV		437.86	530.32				437.86	530.32	68.56	10.0	81.34	8.25	17.01
Bartlett's X2		24.659	3.08				24.659	3.08	54.459	184.293	307.173	30.93	94.049
P(Bartlett's X2)		0.001*	0.214				0.001*	0.214	0.001*	0.001*	0.001*	0.001*	0.001*
Replicate F		2.743	0.985				2.743	0.985	1.197	0.072	0.734	1.628	7.634
Replicate Prob(F)		0.0541	0.4083				0.0541	0.4083	0.3166	0.9749	0.5349	0.1896	0.0002
Treatment F		1.044	0.848				1.044	0.848	7.864	23.343	1.403	31.525	13.466
Treatment Prob(F)		0.4324	0.6278				0.4324	0.6278	0.0001	0.0001	0.1286	0.0001	0.0001

Purdue University

Pest Type	W Weed	W Weed		W Weed	W Weed	W Weed	W Weed
Pest Code	AMARE	AMARE		SETFA	AMBTR	CHEAL	SETFA
Pest Name	Redroot pig->	Redroot pig->		Giant foxta->	Giant ragwe->	Common lamb->	Giant foxta->
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	PLAQUA P	PLAQUA P	PLAQUA C	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P
Rating Date	Jun/07/2007	Jun/07/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Sep/13/2007
Rating Data Type	COUPLA	COUPLA	PHYSTU	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit							
Crop Stage	V5-6	V5-6	V12	V12	V12	V12	Mature
Pest Stage				30-40"	30-60"	34-40"	3-6'
Pest Density, Unit				162 YD2	1 YD2	5 YD2	18 YD2
Footnote Number	7	8	10				
Assessed By	WGJAWVMBN	WGJAWVMBN	WGJ & VMD	WGJ & VMD	WGJ & VMD	WGJ & VMD	KW AW
Days After First/Last Applic.	44 2	44 2	62 20	62 20	62 20	62 20	142 100
Plant-Eval Interval	44 DP-1	44 DP-1	62 DP-1	62 DP-1	62 DP-1	62 DP-1	142 DP-1
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

							W Weed SETFA Giant foxta> ZEAMX BCOR Corn DKC 60-18 PLATOT P Sep/13/2007 COUPLA	W Weed SETFA Giant foxta> ZEAMX BCOR Corn DKC 60-18 SEED P Sep/13/2007 FLOWER	W Weed AMBTR Giant ragwe> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Sep/13/2007 CONTRO	W Weed AMBTR Giant ragwe> ZEAMX BCOR Corn DKC 60-18 PLATOT P Sep/13/2007 COUPLA	W Weed AMBTR Giant ragwe> ZEAMX BCOR Corn DKC 60-18 SEED P Sep/13/2007 FLOWER	W Weed CHEAL Common lamb> ZEAMX BCOR Corn DKC 60-18 PLAQUA P Sep/13/2007 CONTRO	W Weed CHEAL Common lamb> ZEAMX BCOR Corn DKC 60-18 PLATOT P Sep/13/2007 COUPLA						
Pest Type	Pest Code	Pest Name	Crop Code	BBCH Scale	Crop Name	Crop Variety	Part Rated	Rating Date	Rating Data Type	Rating Unit	Crop Stage	Pest Stage	Pest Density, Unit	Footnote Number	Assessed By	Days After First/Last Applic.	Plant-Eval Interval	ARM Action Codes	Number of Decimals
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	71	72	73	74	75	76	77					
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B	29.8 c	95.8 a	95.0 abc	5.8 a	67.5 a	90.8 a	4.3 a					
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C	C												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C	C												
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C	C	119.3 abc	87.5 a	80.0 a-e	7.8 a	75.0 a	55.0 b	6.5 a					
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C	C												
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A	A	95.0 bc	100.0 a	63.8 cde	8.5 a	75.0 a	97.5 a	0.5 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A	A	98.3 bc	99.3 a	58.8 e	10.8 a	87.5 a	92.5 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE A	A	97.5 bc	100.0 a	76.3 a-e	5.0 a	75.0 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A	A	63.5 bc	100.0 a	83.8 a-e	7.5 a	100.0 a	100.0 a	0.0 a					
	BALANCE PRO	0.047	lb ai/a	1.5	fl oz/a	PREPRE A	A												
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A	A	103.3 bc	100.0 a	65.0 cde	11.3 a	87.5 a	100.0 a	0.0 a					
	SIMAZINE	1	lb ai/a	1	qt/a	PREPRE A	A												
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
8	HARNESS XTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE A	A	8.3 c	75.0 ab	61.3 de	11.8 a	87.5 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
9	HARNESS XTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A	A	6.8 c	50.0 ab	66.3 b-e	19.0 a	86.3 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
10	HARNESS XTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE A	A	4.5 c	46.8 ab	82.5 a-e	9.8 a	98.8 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE A	A	41.5 c	100.0 a	78.8 a-e	5.5 a	73.8 a	100.0 a	0.3 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE A	A	38.5 c	100.0 a	86.3 a-e	7.0 a	96.3 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE A	A	21.8 c	87.5 a	90.0 a-e	4.8 a	56.3 a	100.0 a	0.0 a					
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B	B												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B	B												
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A	A	38.3 c	87.5 a	88.8 a-e	6.5 a	70.0 a	95.0 a	2.0 a					
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C	C												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C	C												
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A	A	45.3 c	50.0 ab	92.3 a-d	53.8 a	33.3 a	88.5 a	1.0 a					
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C	C												
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C	C												

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	SETFA	SETFA	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL						
Pest Name	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P						
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007						
Rating Data Type	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA						
Rating Unit													
Crop Stage	Mature	Mature	Mature	Mature	Mature	Mature	Mature						
Pest Stage	3-6'	3-6'	4-10'	4-10'	4-10'	4-7'	4-7'						
Pest Density, Unit	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2	5 YD2	5 YD2						
Footnote Number													
Assessed By	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW						
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100						
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	71	72	73	74	75	76	77
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	75.5 bc	68.0 ab	82.5 a-e	4.0 a	46.8 a	100.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	68.8 bc	75.0 ab	94.8 abc	3.3 a	56.3 a	98.8 a	1.8 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C							
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	133.0 abc	87.5 a	90.8 a-d	3.5 a	75.0 a	95.0 a	0.3 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A							
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
19	HARNESS XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	43.3 c	73.8 ab	91.0 a-d	7.5 a	37.5 a	98.8 a	1.3 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
20	HARNESS XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	14.8 c	62.5 ab	85.5 a-e	6.3 a	59.8 a	99.5 a	0.5 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
21	HARNESS XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	16.0 c	50.0 ab	90.0 a-e	5.8 a	50.0 a	99.5 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	13.0 c	50.0 ab	93.8 abc	5.0 a	55.0 a	100.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	6.8 c	58.8 ab	97.5 ab	0.5 a	25.0 a	99.5 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	1.3 c	12.5 b	99.3 a	1.5 a	31.3 a	100.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
25	Weed free check						27.0 c	99.3 a	94.8 abc	1.5 a	20.0 a	100.0 a	0.3 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B							
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
26	non-treated check						219.5 a	99.3 a	0.0 f	17.0 a	87.5 a	0.0 c	5.5 a
27	non-treated check						188.8 ab	100.0 a	0.0 f	8.8 a	75.0 a	0.0 c	4.3 a
LSD (P=.05)							77.34	39.56	17.64	28.70	44.02	15.12	3.79
Standard Deviation							54.69	27.97	12.47	20.29	31.12	10.69	2.68
CV							91.22	35.7	16.13	229.24	46.99	11.98	255.98
Bartlett's X2							107.101	61.598	80.178	216.235	27.866	76.839	56.345
P(Bartlett's X2)							0.001*	0.001*	0.001*	0.001*	0.314	0.001*	0.001*
Replicate F							22.707	11.586	6.853	3.203	2.191	0.452	0.638
Replicate Prob(F)							0.0001	0.0001	0.0004	0.0277	0.0957	0.7163	0.5927
Treatment F							4.293	2.863	16.205	0.958	2.184	25.911	1.917
Treatment Prob(F)							0.0001	0.0002	0.0001	0.5322	0.0044	0.0001	0.0149

Purdue University

Pest Type	W Weed						
Pest Code	SETFA	SETFA	AMBTR	AMBTR	AMBTR	CHEAL	CHEAL
Pest Name	Giant foxta>	Giant foxta>	Giant ragwe>	Giant ragwe>	Giant ragwe>	Common lamb>	Common lamb>
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Part Rated	PLATOT P	SEED P	PLAQUA P	PLATOT P	SEED P	PLAQUA P	PLATOT P
Rating Date	Sep/13/2007						
Rating Data Type	COUPLA	FLOWER	CONTRO	COUPLA	FLOWER	CONTRO	COUPLA
Rating Unit							
Crop Stage	Mature						
Pest Stage	3-6'	3-6'	4-10'	4-10'	4-10'	4-7'	4-7'
Pest Density, Unit	18 YD2	18 YD2	1 YD2	1 YD2	1 YD2	5 YD2	5 YD2
Footnote Number							
Assessed By	KW AW						
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100
Plant-Eval Interval	142 DP-1						
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	CHEAL	AMARE	AMARE	AMARE	IPHOE	IPHOE	SOLPT						
Pest Name	Common lamb>	Redroot pig>	Redroot pig>	Ivyleaf mor>	Ivyleaf mor>	Eastern bla>	Eastern bla>						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P						
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007						
Rating Data Type	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER						
Rating Unit													
Crop Stage	Mature	Mature	Mature	Mature	Mature	Mature	Mature						
Pest Stage	4-7'												
Pest Density, Unit	5 YD2												
Footnote Number													
Assessed By	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW						
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100						
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Unit	Growth Stage	Appl Code	78	79	80	81	82	83	84
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	21.8 a	0.5 a	37.5 a	3.0 a	47.8 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	12.5 a	3.0 a	28.3 a	5.0 a	43.8 ab	0.0 a	0.0 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C							
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	50.0 a	3.5 a	60.0 a	3.3 a	37.5 ab	0.0 a	0.0 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A							
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	25.0 a	2.5 a	6.3 a	2.5 a	6.3 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	21.8 a	0.0 a	0.0 a	2.5 a	31.3 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	25.0 a	3.8 a	12.5 a	1.3 a	12.5 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	42.5 a	3.8 a	12.5 a	4.3 a	46.8 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	2.0 a	12.5 ab	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	1.3 a	0.0 b	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
25	Weed free check						8.3 a	5.0 a	0.0 a	0.8 a	0.0 b	0.0 a	0.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B							
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
26	non-treated check						75.0 a	2.5 a	37.5 a	0.0 a	0.0 b	0.0 a	0.0 a
27	non-treated check						50.0 a	7.8 a	25.0 a	1.0 a	12.5 ab	0.0 a	0.0 a
LSD (P=.05)							46.52	5.74	42.05	3.14	41.62	0.23	6.80
Standard Deviation							32.90	4.06	29.73	2.22	29.43	0.16	4.81
CV							105.68	201.9	162.5	76.48	97.16	576.46	1039.23
Bartlett's X2							10.315	50.843	12.82	18.39	16.197	0.0	0.0
P(Bartlett's X2)							0.983	0.001*	0.802	0.825	0.806	.	.
Replicate F							14.180	3.081	0.163	3.768	2.740	3.250	1.000
Replicate Prob(F)							0.0001	0.0322	0.9209	0.0139	0.0489	0.0262	0.3975
Treatment F							1.604	0.928	1.354	1.335	1.668	1.000	1.000
Treatment Prob(F)							0.0576	0.5698	0.1543	0.1657	0.0440	0.4786	0.4786

Purdue University

Pest Type	W Weed						
Pest Code	CHEAL	AMARE	AMARE	IPHOE	IPHOE	SOLPT	SOLPT
Pest Name	Common lamb>	Redroot pig>	Redroot pig>	Ivyleaf mor>	Ivyleaf mor>	Eastern bla>	Eastern bla>
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Part Rated	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P
Rating Date	Sep/13/2007						
Rating Data Type	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER
Rating Unit							
Crop Stage	Mature						
Pest Stage	4-7'						
Pest Density, Unit	5 YD2						
Footnote Number							
Assessed By	KW AW						
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100
Plant-Eval Interval	142 DP-1						
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	SIDSP	SIDSP	CYPES	CYPES	ABUTH	ABUTH	MOLSS						
Pest Name	Prickly sida	Prickly sida	Yellow nuts>	Yellow nuts>	Velvetleaf	Velvetleaf	Carpetweed						
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P						
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007						
Rating Data Type	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA						
Rating Unit													
Crop Stage	Mature	Mature	Mature	Mature	Mature	Mature	Mature						
Pest Stage													
Pest Density, Unit													
Footnote Number													
Assessed By	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW						
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100						
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1						
ARM Action Codes													
Number of Decimals													
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	85	86	87	88	89	90	91
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	1.3 a	12.5 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.3 a	0.0 a	0.3 a	0.0 a	0.0 a
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C							
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A							
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.8 a	25.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	2.5 a	21.3 a	0.3 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.8 a	12.5 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
25	Weed free check						1.8 a	6.3 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B							
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B							
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C							
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C							
26	non-treated check						0.0 a	0.0 a	0.0 a	0.0 a	1.3 a	25.0 a	0.0 a
27	non-treated check						0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 a
LSD (P=.05)							2.81	33.52	0.73	6.80	0.76	16.84	0.14
Standard Deviation							1.99	23.70	0.51	4.81	0.53	11.91	0.10
CV							271.73	221.98	505.61	1039.23	525.15	643.16	1039.23
Bartlett's X2							42.113	15.216	13.135	0.0	13.859	2.057	0.0
P(Bartlett's X2)							0.001*	0.364	0.022*	.	0.008*	0.358	.
Replicate F							0.977	3.359	1.338	1.000	1.672	0.435	1.000
Replicate Prob(F)							0.4079	0.0229	0.2680	0.3975	0.1798	0.7284	0.3975
Treatment F							0.715	1.131	0.889	1.000	1.093	0.916	1.000
Treatment Prob(F)							0.8309	0.3303	0.6210	0.4786	0.3701	0.5854	0.4786

Purdue University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	SIDSP	SIDSP	CYPES	CYPES	ABUTH	ABUTH	MOLSS
Pest Name	Prickly sida	Prickly sida	Yellow nuts>	Yellow nuts>	Velvetleaf	Velvetleaf	Carpetweed
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P	SEED P	PLATOT P
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/13/2007
Rating Data Type	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA	FLOWER	COUPLA
Rating Unit							
Crop Stage	Mature	Mature	Mature	Mature	Mature	Mature	Mature
Pest Stage							
Pest Density, Unit							
Footnote Number							
Assessed By	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW	KW AW
Days After First/Last Applic.	142 100	142 100	142 100	142 100	142 100	142 100	142 100
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1	142 DP-1
ARM Action Codes							
Number of Decimals							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Purdue University

								W Weed MOLSS Carpetweed ZEAMX BCOR Corn DKC 60-18 SEED P Sep/13/2007 FLOWER Mature KW AW 142 100 142 DP-1	W Weed DIGSA Large crabg-> ZEAMX BCOR Corn DKC 60-18 PLATOT P Sep/13/2007 COUPLA Mature KW AW 142 100 142 DP-1	W Weed DIGSA Large crabg-> ZEAMX BCOR Corn DKC 60-18 SEED P Sep/13/2007 FLOWER Mature KW AW 142 100 142 DP-1		
								ZEAMX BCOR Corn DKC 60-18 SEMAHA C YIELD Lbs Mature KW 156 114 156 DP-1				
								ZEAMX BCOR Corn DKC 60-18 SEMAHA C YIELD BU Mature KW 156 114 156 DP-1 TY1 1				
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	92	93	94	95	96
1	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B		0.0 a	0.5 a	25.0 a	31.33 ab	181.9 ab
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
	Roundup WeatherMAX AMS	1.13	lb ae/a	32	fl oz/a	LAPOWE C						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C						
2	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C		0.0 a	0.0 a	0.0 a	22.75 b	132.1 b
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C						
3	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		25.0 a	0.0 a	0.0 a	28.65 ab	166.3 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
4	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	28.53 ab	165.6 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
5	ATRAZINE	2	lb ai/a	2	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	31.23 ab	181.3 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
6	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	29.78 ab	172.9 ab
	BALANCE PRO	0.047	lb ai/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 ai/a	2.5	lb/a	EAPOWE B						
7	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	28.10 ab	163.1 ab
	SIMAZINE	1	lb ai/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 ai/a	2.5	lb/a	EAPOWE B						
8	HARNESXTRA 5.6	1.68	lb ai/a	1.2	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	28.23 ab	163.9 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
9	HARNESXTRA 5.6	2.52	lb ai/a	1.8	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	27.33 ab	158.6 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
10	HARNESXTRA 5.6	3.36	lb ai/a	2.4	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	29.43 ab	170.8 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
11	LEXAR	1.57	lb ai/a	1.7	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	27.90 ab	162.0 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
12	LEXAR	2.22	lb ai/a	2.4	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	29.43 ab	170.8 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
13	LEXAR	3.24	lb ai/a	3.5	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	26.63 ab	154.6 ab
	Roundup WeatherMAX AMS	0.75	lb ae/a	21.3	fl oz/a	EAPOWE B						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	EAPOWE B						
14	ATRAZINE	1	lb ai/a	1	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	26.25 ab	152.4 ab
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C						
15	ATRAZINE	1.5	lb ai/a	1.5	qt/a	PREPRE A		0.0 a	0.0 a	0.0 a	27.20 ab	157.9 ab
	Roundup WeatherMAX AMS	1.12	lb ae/a	32	fl oz/a	LAPOWE C						
	Roundup WeatherMAX AMS	2.5	lb ai/a	2.5	lb/a	LAPOWE C						

Purdue University

Pest Type	W Weed	W Weed	W Weed								
Pest Code	MOLSS	DIGSA	DIGSA								
Pest Name	Carpetweed	Large crabg>	Large crabg>								
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Name	Corn	Corn	Corn	Corn	Corn						
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18						
Part Rated	SEED P	PLATOT P	SEED P	SEMAHA C	SEMAHA C						
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/27/2007	Sep/27/2007						
Rating Data Type	FLOWER	COUPLA	FLOWER	YIELD	YIELD						
Rating Unit				Lbs	BU						
Crop Stage	Mature	Mature	Mature	Mature	Mature						
Pest Stage											
Pest Density, Unit											
Footnote Number											
Assessed By	KW AW	KW AW	KW AW	KW	KW						
Days After First/Last Applic.	142 100	142 100	142 100	156 114	156 114						
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	156 DP-1	156 DP-1						
ARM Action Codes					TY1						
Number of Decimals					1						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code	92	93	94	95	96
16	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	27.50 ab	159.7 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
17	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	27.33 ab	158.6 ab
	BALANCE PRO	0.047 lb ai/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 ai/a	2.5 lb/a		LAPOWE	C					
18	ATRAZINE	1 lb ai/a	1 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	25.53 ab	148.2 ab
	SIMAZINE	1 lb ai/a	1 qt/a		PREPRE	A					
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
19	HARNESX XTRA 5.6	1.68 lb ai/a	1.2 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	28.20 ab	163.7 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
20	HARNESX XTRA 5.6	2.52 lb ai/a	1.8 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	29.15 ab	169.2 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
21	HARNESX XTRA 5.6	3.36 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	29.20 ab	169.5 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
22	LEXAR	1.57 lb ai/a	1.7 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	28.60 ab	166.0 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
23	LEXAR	2.22 lb ai/a	2.4 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	30.20 ab	175.3 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
24	LEXAR	3.24 lb ai/a	3.5 qt/a		PREPRE	A	0.0 a	0.0 a	0.0 a	28.43 ab	165.0 ab
	Roundup WeatherMAX	1.12 lb ae/a	32 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
25	Weed free check						0.0 a	0.0 a	0.0 a	32.60 a	189.3 a
	ATRAZINE	2 lb ai/a	2 qt/a		PREPRE	A					
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		EAPOWE	B					
	AMS	2.5 lb ai/a	2.5 lb/a		EAPOWE	B					
	Roundup WeatherMAX	0.75 lb ae/a	21.3 fl oz/a		LAPOWE	C					
	AMS	2.5 lb ai/a	2.5 lb/a		LAPOWE	C					
26	non-treated check						0.0 a	0.0 a	0.0 a	5.38 c	31.2 c
27	non-treated check						0.0 a	0.0 a	0.0 a	3.65 c	21.2 c
LSD (P=.05)							13.61	0.27	13.61	5.150	29.90
Standard Deviation							9.62	0.19	9.62	3.642	21.14
CV							1039.23	1039.23	1039.23	13.68	13.68
Bartlett's X2							0.0	0.0	0.0	11.23	11.23
P(Bartlett's X2)							.	.	.	0.995	0.995
Replicate F							1.000	1.000	1.000	61.185	61.180
Replicate Prob(F)							0.3975	0.3975	0.3975	0.0001	0.0001
Treatment F							1.000	1.000	1.000	13.364	13.363
Treatment Prob(F)							0.4786	0.4786	0.4786	0.0001	0.0001

Purdue University

Pest Type	W Weed	W Weed	W Weed		
Pest Code	MOLSS	DIGSA	DIGSA		
Pest Name	Carpetweed	Large crabg->	Large crabg->		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Name	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18
Part Rated	SEED P	PLATOT P	SEED P	SEMAHA C	SEMAHA C
Rating Date	Sep/13/2007	Sep/13/2007	Sep/13/2007	Sep/27/2007	Sep/27/2007
Rating Data Type	FLOWER	COUPLA	FLOWER	YIELD	YIELD
Rating Unit				Lbs	BU
Crop Stage	Mature	Mature	Mature	Mature	Mature
Pest Stage					
Pest Density, Unit					
Footnote Number					
Assessed By	KW AW	KW AW	KW AW	KW	KW
Days After First/Last Applic.	142 100	142 100	142 100	156 114	156 114
Plant-Eval Interval	142 DP-1	142 DP-1	142 DP-1	156 DP-1	156 DP-1
ARM Action Codes					TY1
Number of Decimals					1

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

<u>ARM Action Codes</u>
TY1 = 5.80556*[95]
Footnote 1: Total count for pest in subplot; on 5/18/07 used meter stick to count all weeds and ft2 quad to count SETFA; on 6/7/07 used m2 quad to count all weeds and ft2 quad to count SETFA
Footnote 2: 0-3 in. size group
Footnote 3: 3-6 in. size group
Footnote 4: >6 in. size group
Footnote 5: 6-9 in. size group
Footnote 6: 9-12 in. size groups
Footnote 7: 12-15 in. size group
Footnote 8: 15-18 in size counts
Footnote 9: 30 in. size count
Footnote 10: Stunting due to weed competition