**Burndown Evaluation: Minimum Tillage** 

Study Director: T. L. Trower Title: Sr. Outreach Specialist

Investigator: V. M. Davis
Discipline: H herbicide
Initiation Date: Apr-29-2011

Trial Location

City: Arlington
State/Prov.: WI
Postal Code: 53911

Latitude of LL Corner °: 43.18081 N
Longitude of LL Corner °: 89.20252 W
Altitude of LL Corner, Unit: 1221.00 FT

Country: USA

**Crop Description** 

Crop 1: ZEAMD Zea mays indentata Dent corn

Variety: Pioneer P99 19 AM1

BBCH Scale: BCOR

Planting Method: SEEDED seeded

Description: RR/LL

Planting Date: May-5-2011

Rate, Unit: 32500 S/A

Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN

Seed Bed: SMOOTH smooth

Harvested Width, Unit: 5 FT Harvested Length, Unit: 25 FT

**Pest Description** 

Pest 1 Type: W Code: TAROF Taraxacum officinale

Common Name: Common dandelion

Pest 2 Type: W Code: SETFA Setaria faberi

Common Name: Giant foxtail

Pest 3 Type: W Code: ABUTH Abutilon theophrasti

Common Name: Velvetleaf

Pest 4 Type: W Code: AMBEL Ambrosia artemisiifolia

Common Name: Common ragweed

Pest 5 Type: W Code: CHEAL Chenopodium album

**Common Name:** Common lambsquarters

Site and Design

Plot Width, Unit: 10 FT Site Type: FIELD field Plot Length, Unit: 25 FT Tillage Type: NOTILL no-till

Plot Area, Unit: 250 FT2 Study Design: RACOBL Randomized Complete Block (RCB)

Replications: 4

Soil Description

Description Name: Plano Silt Loam % Sand: 7 % OM: 3.9 Textur

% Sand: 7 % OM: 3.9 Texture: SIL silt loam Soil Name: Plano Fert. Level: F fair Soil Drainage: E excellent

**Application Description** 

	Α	В	С	
Application Date:	Apr-29-2011	May-12-2011	Jun-24-2011	
Time of Day:	4:45P	1:40P	11:30A	
Application Method:	Broadcast	Broadcast	Broadcast	
Application Timing:	PREPLT	PRE	POST	
Application Placement:	Soil	Soil	Foliage	
Applied By:	T. Trower	T. Trower	T. Trower	
Air Temperature, Unit:	61 F	85 F	69 F	
% Relative Humidity:	30	68	79	
Wind Velocity, Unit:	6 MPH	5 MPH	7 MPH	
Wind Direction:	SE	S	NE	
Soil Temperature, Unit:	58 F	74 F	64 F	
Soil Moisture:	MST/MST	MST/MST	WET	
% Cloud Cover:	100	40	100	

**Crop Stage At Each Application** 

	Α	В	С
Crop 1 Code, BBCH Scale:	ZEAMD BCOR	ZEAMD BCOR	ZEAMD BCOR
Stage Scale Used:	BBCH	BBCH	BBCH
Stage Majority, Percent:	PREPLT	PRE	V6
Height, Unit:			13 IN
Height Minimum, Maximum:			12 14

Pest Stage At Each Application

r oot otago / it Laon / ippnoation	Α		В		С	
Pest 1 Code, Type, Scale:	TAROF	W	TAROF	W	TAROF	w
Stage Minimum, Percent:	2 lvs		.,		.,	
Stage Maximum, Percent:	4 lvs					
Height, Unit:	0.5 IN	1				
Height Minimum, Maximum:	0.5 0.	75				
Density, Unit:	0.2 F	T2				
Pest 2 Code, Type, Scale:	SETFA	W	SETFA	W	SETFA	W
Stage Majority, Percent:					4 lvs	
Height, Unit:					3	IN
Height Minimum, Maximum:					3	4
Density, Unit:					2	FT2
Pest 3 Code, Type, Scale:	ABUTH	W	ABUTH	W	ABUTH	l W
Stage Majority, Percent:					4 lvs	
Height, Unit:					3	IN
Density, Unit:					1	FT2
Pest 4 Code, Type, Scale:	AMBEL	W	AMBEL	W	AMBEL	. W
Stage Minimum, Percent:					6 lvs	
Stage Maximum, Percent:					7 lvs	
Height, Unit:					4	IN
Height Minimum, Maximum:					3	5
Density, Unit:						FT2
Pest 5 Code, Type, Scale:	CHEAL	W	CHEAL	W	CHEAL	. W
Stage Majority, Percent:					4 lvs	
Stage Minimum, Percent:	0 lvs					
Height, Unit:	0.25 IN	1			1	IN
Density, Unit:	1 F	T2			1	FT2

**Application Equipment** 

		Α		В		С	
Operating Pressure, Unit:	30	PSI	30	PSI	30	PSI	
Nozzle Type:	XR8	003	XR8	3003	XR8	XR8002	
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN	
Nozzles/Row:	6		6		6		
Boom Length, Unit:	10	FT	10	FT	10	FT	
Boom Height, Unit:	19	IN	19	IN	19	IN	
Ground Speed, Unit:	3	MPH	3	MPH	3	MPH	
Carrier:	Wat	er	Wat	Water		WATER	
Spray Volume, Unit:	20		20		15		
Spray Volume, Onit.	GAL	./A	GAI	L/A	GAL/A		
Mix Size, Unit:	2.2	Liters	2.2	Liters	2	Liters	
Propellant:	CO2	2	CO	2	CO2	2	

Post	Name				Common dandeli>
	g Date				May-11-2011
	g Type				Control
	g Únit				%
Plant	-Eval Interval				6 DP-1
Trt	Treatment		Rate	Appl	
No.	Name	Rate	Unit	Code	1
	Nontreated				0
2	Fierce		oz/a	A	100 a
	Roundup PowerMax		fl oz/a	Α	
	AMS	2.5	lb/a	Α	
	Roundup PowerMax	22	fl oz/a	С	
	AMS	2.5	lb/a	С	
3	Fierce	3	oz/a	Α	100 a
	atrazine	1	pt/a	Α	
	Roundup PowerMax	22	fl oz/a	Α	
	AMS	2.5	lb/a	Α	
	Roundup PowerMax	_	fl oz/a	C	
	·			C	
	AMS		lb/a		100 -
4	Fierce		oz/a	A	100 a
	Roundup PowerMax		fl oz/a	A	
	Roundup PowerMax		fl oz/a	С	
	AMS		lb/a	С	
5	Fierce		oz/a	Α	100 a
	Roundup PowerMax	22	fl oz/a	Α	
	Roundup PowerMax	22	fl oz/a	С	
	AMS	2.5	lb/a	С	
6	Harness Xtra 5.6	1.4	qt/a	В	0 b
	Roundup PowerMax	22	fl oz/a	В	
	AMS	2.5	lb/a	В	
	Roundup PowerMax	_	fl oz/a	С	
	AMS		lb/a	C	
7	Lexar	2.25		В	0 b
,	Roundup PowerMax		fl oz/a	В	0.0
	·			_	
	AMS	_	lb/a	В	
	Roundup PowerMax		fl oz/a	С	
	AMS		lb/a	С	
8	Corvus		fl oz/a	В	0 b
	atrazine	1	pt/a	В	
	Roundup PowerMax	22	fl oz/a	В	
	AMS	2.5	lb/a	В	
	Roundup PowerMax	22	fl oz/a	С	
	AMS	2.5	lb/a	С	
9	Verdict	-	fl oz/a	В	0 b
	Roundup PowerMax		fl oz/a	В	0 2
	AMS		lb/a	В	
	Roundup PowerMax		fl oz/a	С	
1.0	AMS	2.5	lb/a	С	0 :
	Nontreated		fl/-	_	0 b
11	Corvus		fl oz/a	В	0 b
	atrazine		qt/a	В	
	COC		% v/v	В	
12	Corvus		fl oz/a	В	0 b
	atrazine		qt/a	В	
	Roundup PowerMax	22	fl oz/a	В	
	AMS	8.5	lb/100 gal	В	
13	Corvus	5.6	fl oz/a	В	0 b
	atrazine	1	qt/a	В	
	Ignite 280	22	fl oz/a	В	
	AMS	8.5	lb/100 gal	В	
			3		II.

			Univ	ersi	ty of wisco
Pest I					Common dandeli>
	g Date				May-11-2011
	g Type g Unit				Control %
	-Eval Interval				6 DP-1
Trt	Treatment		Rate	Appl	
No.	Name	Rate	Unit	Code	1
14	Capreno	3	fl oz/a	В	0 b
	COC	1	% v/v	В	
	AMS	8.5	lb/100 gal	В	
15	Capreno	3	fl oz/a	В	0 b
	atrazine	1	qt/a	В	
	COC	1	% v/v	В	
	AMS	8.5	lb/100 gal	В	
16	Capreno	4	fl oz/a	В	0 b
	COC	1	% v/v	В	
	AMS	8.5	lb/100 gal	В	
17	Capreno	5	fl oz/a	В	0 b
	COC	1	% v/v	В	
	AMS	8.5	lb/100 gal	В	
18	Capreno	3	fl oz/a	В	0 b
	Ignite 280	22	fl oz/a	В	
	AMS	8.5	lb/100 gal	В	
19	Capreno	3	fl oz/a	В	0 b
	Ignite 280	22	fl oz/a	В	
	Harness	2.1	pt/a	В	
	AMS	8.5	lb/100 gal	В	
20	Capreno	3	fl oz/a	В	0 b
	Roundup PowerMax	22	fl oz/a	В	
	AMS	8.5	lb/100 gal	В	
21	Capreno	3	fl oz/a	В	0 b
	Roundup PowerMax	22	fl oz/a	В	
	Harness	2.1	pt/a	В	
	AMS	8.5	lb/100 gal	В	
22	Halex GT	3.8	pt/a	В	0 b
	Activator 90	0.25	% v/v	В	
	AMS	8.5	lb/100 gal	В	
23	Harness	2.1	pt/a	В	0 b
	Roundup PowerMax	22	fl oz/a	В	
24	Verdict	16	fl oz/a	В	0 b
	MSO	1	% v/v	В	
	Roundup PowerMax	22	fl oz/a	В	
	AMS	8.5	lb/100 gal	В	
LSD (	(P=.10)				0.0

Pest Name Rating Date				Common lambsqu> May-11-2011	Common lambsqu> May-30-2011	Common lambsqu> Jun-24-2011	Common lambsqu> Jul-8-2011
Rating Type				Control	ĆONTROL	CONTROL	CONTROL
Rating Unit				%	100%	%	%
Plant-Eval Interval				6 DP-1	25 DP-1	50 DP-1	64 DP-1
Trt Treatment	Б.	Rate	Appl			40	0.4
No. Name 1 Nontreated	Rate	Unit	Code	2 0	9 0	19	24
2 Fierce	3	oz/a	Α	100 a	100 a	100 a	100 a
Roundup PowerMax		fl oz/a	A	100 u	100 u	100 a	100 u
AMS		lb/a	A				
Roundup PowerMax		fl oz/a	C				
AMS		lb/a	C				
3 Fierce		oz/a	A	100 a	100 a	100 a	100 a
atrazine		pt/a	A	100 a	100 a	100 a	100 α
Roundup PowerMax		fl oz/a	A				
AMS		lb/a	A				
Roundup PowerMax		fl oz/a	C				
-		lb/a					
AMS 4 Fierce		oz/a	C	100 a	100 0	100 a	100.0
Roundup PowerMax		fl oz/a	A A	100 a	100 a	100 a	100 a
-		fl oz/a					
Roundup PowerMax		lb/a	С				
AMS 5 Fierce		oz/a	C A	100 a	100.0	100 a	100.0
Roundup PowerMax		fl oz/a	A	100 a	100 a	100 a	100 a
-		fl oz/a	C				
Roundup PowerMax							
AMS 6 Harness Xtra 5.6		lb/a	В	0 b	100 a	100 a	100 a
		qt/a fl oz/a	В	U D	100 a	100 a	100 a
Roundup PowerMax AMS		lb/a	В				
Roundup PowerMax		fl oz/a	С				
AMS 7 Lexar		lb/a qt/a	В	0 b	100 a	100 a	100 a
Roundup PowerMax		fl oz/a	В	U D	100 a	100 a	100 a
AMS		lb/a	В				
Roundup PowerMax		fl oz/a	С				
· ·		lb/a					
AMS 8 Corvus		fl oz/a	В	0 b	99 b	100 a	100 a
atrazine		pt/a	В	U D	99 D	100 a	100 a
Roundup PowerMax		fl oz/a	В				
AMS		lb/a	В				
Roundup PowerMax		fl oz/a	С				
AMS 9 Verdict		lb/a fl oz/a	В	0 b	100 a	100 a	100 a
Roundup PowerMax		fl oz/a	В	0.0	100 a	100 a	100 a
AMS		lb/a	В				
Roundup PowerMax		fl oz/a	С				
AMS		lb/a	C				
10 Nontreated	2.0	ID/a	C	0 b	0 c	0 e	0 b
11 Corvus	5.6	fl oz/a	В	0 b	100 a	100 a	100 a
atrazine	1	qt/a	В				
COC	1	% v/v	В				
12 Corvus		fl oz/a	В	0 b	100 a	100 a	100 a
atrazine	1	qt/a	В				
Roundup PowerMax		fl oz/a	В				
AMS		lb/100 gal	В				
13 Corvus		fl oz/a	В	0 b	100 a	100 a	100 a
atrazine	1	qt/a	В				
Ignite 280		fl oz/a	В				
AMS	8.5	lb/100 gal	В				
		-					

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	Name				Common lambsqu>	Common lambsqu
	g Date				Aug-9-2011	Sep-8-201
	g Type g Unit				CONTROL %	CONTRO
	-Eval Interval				96 DP-1	126 DP-
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	28	32
1	Nontreated				0	0
2	Fierce	3	oz/a	Α	100 a	100 a
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	2.5	lb/a	Α		
	Roundup PowerMax	22	fl oz/a	С		
	AMS	2.5	lb/a	С		
3	Fierce	3	oz/a	Α	100 a	100 a
	atrazine	1	pt/a	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	2.5	lb/a	Α		
	Roundup PowerMax	22	fl oz/a	С		
	AMS	2.5	lb/a	С		
4	Fierce		oz/a	A	100 a	100 a
	Roundup PowerMax	22	fl oz/a	Α		
	Roundup PowerMax	22	fl oz/a	С		
	AMS	2.5	lb/a	С		
5	Fierce		oz/a	A	100 a	100 a
_	Roundup PowerMax		fl oz/a	Α		
	Roundup PowerMax		fl oz/a	С		
	AMS		lb/a	C		
6	Harness Xtra 5.6		qt/a	В	100 a	100 a
Ū	Roundup PowerMax		fl oz/a	В	100 a	100 a
,	AMS		lb/a	В		
	Roundup PowerMax	_	fl oz/a	С		
	·					
7	AMS Lexar		lb/a	В	100 0	100 0
,		2.25	qиа fl oz/a	В	100 a	100 a
	Roundup PowerMax					
	AMS	_	lb/a	В		
	Roundup PowerMax		fl oz/a	С		
	AMS		lb/a	С	400	
8	Corvus		fl oz/a	В	100 a	100 a
	atrazine		pt/a	В		
	Roundup PowerMax		fl oz/a	В		
	AMS		lb/a	В		
	Roundup PowerMax		fl oz/a	С		
	AMS		lb/a	С		
9	Verdict		fl oz/a	В	100 a	100 a
	Roundup PowerMax		fl oz/a	В		
	AMS	2.5	lb/a	В		
	Roundup PowerMax	22	fl oz/a	С		
	AMS	2.5	lb/a	С		
	Nontreated				0 c	0 d
11	Corvus		fl oz/a	В	100 a	100 a
	atrazine		qt/a	В		
	COC		% v/v	В		
12	Corvus		fl oz/a	В	100 a	100 a
	atrazine	1	qt/a	В		
	Roundup PowerMax	22	fl oz/a	В		
	AMS	8.5	lb/100 gal	В		
13	Corvus		fl oz/a	В	100 a	100 a
	atrazine	1	qt/a	В		
	Ignite 280		fl oz/a	В		
			lb/100 gal		i .	

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Pest Name			Common lambsqu>	Common lambsqu>	Common lambsqu>	Common lambsqu>
Rating Date			May-11-2011	May-30-2011	Jun-24-2011	Jul-8-2011
Rating Type Rating Unit			Control %	CONTROL 100%	CONTROL %	CONTROL %
Plant-Eval Interval			6 DP-1	25 DP-1	50 DP-1	64 DP-1
Trt Treatment	Rate	Appl	0 51 1	20 51 1	00 21 1	01511
No. Name	Rate Unit	Code	2	9	19	24
14 Capreno	3 fl oz/a	В	0 b	100 a	99 b	100 a
coc	1 % v/v	В				
AMS	8.5 lb/100 gal	В				
15 Capreno	3 fl oz/a	В	0 b	100 a	100 a	100 a
atrazine	1 qt/a	В				
coc	1 % v/v	В				
AMS	8.5 lb/100 gal	В				
16 Capreno	4 fl oz/a	В	0 b	100 a	100 a	100 a
coc	1 % v/v	В				
AMS	8.5 lb/100 gal	В				
17 Capreno	5 fl oz/a	В	0 b	100 a	100 a	100 a
coc	1 % v/v	В				
AMS	8.5 lb/100 gal	В				
18 Capreno	3 fl oz/a	В	0 b	100 a	99 bc	100 a
Ignite 280	22 fl oz/a	В				
AMS	8.5 lb/100 gal	В				
19 Capreno	3 fl oz/a	В	0 b	100 a	100 a	100 a
Ignite 280	22 fl oz/a	В				
Harness	2.1 pt/a	В				
AMS	8.5 lb/100 gal	В				
20 Capreno	3 fl oz/a	В	0 b	100 a	98 c	100 a
Roundup PowerMax	22 fl oz/a	В				
AMS	8.5 lb/100 gal	В				
21 Capreno	3 fl oz/a	В	0 b	100 a	100 a	100 a
Roundup PowerMax	22 fl oz/a	В				
Harness	2.1 pt/a	В				
AMS	8.5 lb/100 gal	В				
22 Halex GT	3.8 pt/a	В	0 b	100 a	100 a	100 a
Activator 90	0.25 % v/v	В				
AMS	8.5 lb/100 gal	В				
23 Harness	2.1 pt/a	В	0 b	100 a	96 d	100 a
Roundup PowerMax	22 fl oz/a	В		., .		
24 Verdict	16 fl oz/a	В	0 b	100 a	100 a	100 a
MSO	1 % v/v	В				
Roundup PowerMax	22 fl oz/a	В				
AMS	8.5 lb/100 gal	В				
LSD (P=.10)	<del>9-</del>		0.0	0.4	1.1	0.0
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Pest I				Common lambsqu>	Common lambsqu>
,	g Date			Aug-9-2011	Sep-8-2011
	g Type			CONTROL %	CONTROL %
,	g Unit ·Eval Interval			96 DP-1	126 DP-1
Trt	Treatment	Rate	Appl	30 DI 1	120 DI - 1
No.	Name	Rate Unit	Code	28	32
_	Capreno	3 fl oz/a	В	97 b	99 ab
	COC	1 % v/v	В		
	AMS	8.5 lb/100 gal	В		
15	Capreno	3 fl oz/a	В	100 a	100 a
	atrazine	1 qt/a	В		
	COC	1 % v/v	В		
	AMS	8.5 lb/100 gal	В		
16	Capreno	4 fl oz/a	В	100 a	97 bc
	COC	1 % v/v	В		
	AMS	8.5 lb/100 gal	В		
17	Capreno	5 fl oz/a	В	100 a	99 ab
	COC	1 % v/v	В		
	AMS	8.5 lb/100 gal	В		
18	Capreno	3 fl oz/a	В	97 b	99 ab
	Ignite 280	22 fl oz/a	В		
	AMS	8.5 lb/100 gal	В		
19	Capreno	3 fl oz/a	В	100 a	100 a
	Ignite 280	22 fl oz/a	В		
	Harness	2.1 pt/a	В		
	AMS	8.5 lb/100 gal	В		
20	Capreno	3 fl oz/a	В	98 b	96 c
	Roundup PowerMax	22 fl oz/a	В		
	AMS	8.5 lb/100 gal	В		
21	Capreno	3 fl oz/a	В	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В		
	Harness	2.1 pt/a	В		
	AMS	8.5 lb/100 gal	В		
22	Halex GT	3.8 pt/a	В	100 a	100 a
	Activator 90	0.25 % v/v	В		
	AMS	8.5 lb/100 gal	В		
23	Harness	2.1 pt/a	В	96 b	98 bc
_	Roundup PowerMax	22 fl oz/a	В		
24	Verdict	16 fl oz/a	В	100 a	100 a
	MSO	1 % v/v	В		
	Roundup PowerMax	22 fl oz/a	В		
	AMS	8.5 lb/100 gal	В		
LSD (	P=.10)			1.5	2.2

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	Name			Faber's foxtail	Giant foxtail	Faber's foxtail	Faber's foxtail	Faber's foxtail	
	g Date			May-11-2011	May-30-2011 CONTROL	Jun-24-2011	Jul-8-2011	Aug-9-2011	Sep-8-2011
	g Type g Unit			Control %	100%	CONTROL %	CONTROL %	CONTROL %	CONTROL %
	-Eval Interval			6 DP-1	25 DP-1	50 DP-1	64 DP-1	96 DP-1	126 DP-1
Trt	Treatment	Rate	Appl						
No.	Name	Rate Unit	Code	3	8	18	23	27	31
	Nontreated			0	0	0	0	0	0
2	Fierce	3 oz/a	Α	100 a	100 a	98 ab	100 a	100 a	99 a
	Roundup PowerMax	22 fl oz/a	Α						
	AMS	2.5 lb/a	Α						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
3	Fierce	3 oz/a	Α	100 a	100 a	100 a	100 a	100 a	100 a
	atrazine	1 pt/a	Α						
	Roundup PowerMax	22 fl oz/a	Α						
	AMS	2.5 lb/a	Α						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
4	Fierce	3.75 oz/a	Α	100 a	100 a	99 a	100 a	100 a	99 a
	Roundup PowerMax	22 fl oz/a	A						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
5	Fierce	4.5 oz/a	Α	100 a	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	Α						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
6	Harness Xtra 5.6	1.4 qt/a	В	0 b	100 a	100 a	100 a	99 a	98 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
7	Lexar	2.25 qt/a	В	0 b	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
8	Corvus	3 fl oz/a	В	0 b	100 a	100 a	100 a	99 a	99 a
	atrazine	1 pt/a	В						
	Roundup PowerMax	22 fl oz/a	В						
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
9	Verdict	13 fl oz/a	В	0 b	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	С						
	AMS	2.5 lb/a	С						
	Nontreated	F 0 0 '		0 b	0 c	0 c	0 e	0 e	0 e
11	Corvus	5.6 fl oz/a	В	0 b	100 a	100 a	100 a	98 a	96 a
	atrazine	1 qt/a	В						
40	COC	1 % v/v	В	0 h	100 -	100 -	100 -	07 -	07 -
12	Corvus	5.6 fl oz/a	В	0 b	100 a	100 a	100 a	97 a	97 a
	atrazine	1 qt/a	В						
	Roundup PowerMax	22 fl oz/a	В						
40	AMS	8.5 lb/100 ga		0.1	100 -	400 -	400 -	07 -	22
13	Corvus	5.6 fl oz/a	В	0 b	100 a	100 a	100 a	97 a	97 a
	atrazine	1 qt/a	В						
	Ignite 280	22 fl oz/a	В						
	AMS	8.5 lb/100 ga	I B						

			/CI 3I	ty of wist	COHSIII-II	<u>//aaiooii</u>			
	Name			Faber's foxtail	Giant foxtail		Faber's foxtail		
	ng Date			May-11-2011	May-30-2011	Jun-24-2011	Jul-8-2011	Aug-9-2011	Sep-8-2011
	ng Type ng Unit			Control %	CONTROL 100%	CONTROL %	CONTROL %	CONTROL %	CONTROL %
	t-Eval Interval			6 DP-1	25 DP-1	50 DP-1	64 DP-1	96 DP-1	126 DP-1
Trt	Treatment	Rate	Appl			332.			.202.
No.	Name	Rate Unit	Code	3	8	18	23	27	31
	1 Capreno	3 fl oz/a	В	0 b	99 b	98 ab	92 d	83 cd	82 c
	COC	1 % v/v	В			1	,		
	AMS	8.5 lb/100 gal	В						
15	5 Capreno	3 fl oz/a	В	0 b	100 a	98 ab	95 bcd	90 bc	86 b
	atrazine	1 qt/a	В						1
	COC	1 % v/v	В			1	,		1
	AMS	8.5 lb/100 gal	В						
16	Capreno	4 fl oz/a	В	0 b	100 a	98 ab	95 bcd	89 bc	85 b
	COC	1 % v/v	В			1			·
	AMS	8.5 lb/100 gal	В			1	,		
17	7 Capreno	5 fl oz/a	В	0 b	99 b	98 ab	96 bc	89 bc	89 b
	coc	1 % v/v	В			1			
	AMS	8.5 lb/100 gal	В				1	1	
18	3 Capreno	3 fl oz/a	В	0 b	100 a	98 ab	93 cd	81 d	74 d
	Ignite 280	22 fl oz/a	В			1	ı	1	
	AMS	8.5 lb/100 gal	В				1	1	[
19	) Capreno	3 fl oz/a	В	0 b	100 a	100 a	100 a	97 a	96 a
	Ignite 280	22 fl oz/a	В			1			
	Harness	2.1 pt/a	В			1	,		
	AMS	8.5 lb/100 gal	В		l			<u> </u>	<u></u>
20	) Capreno	3 fl oz/a	В	0 b	99 ab	98 ab	95 bcd	88 cd	81 c
	Roundup PowerMax	22 fl oz/a	В					, I	1
<u></u>	AMS	8.5 lb/100 gal							<u></u>
21	Capreno	3 fl oz/a	В	0 b	100 a	99 a	100 a	97 a	99 a
	Roundup PowerMax	22 fl oz/a	В			1	,		
	Harness	2.1 pt/a	В			1	,		
	AMS	8.5 lb/100 gal	В						
22	2 Halex GT	3.8 pt/a	В	0 b	100 a	96 b	93 cd	84 cd	83 b
	Activator 90	0.25 % v/v	В						
	AMS	8.5 lb/100 gal				1	1		
23	3 Harness	2.1 pt/a	В	0 b	100 a	98 ab	98 ab	96 ab	95 a
	Roundup PowerMax	22 fl oz/a	В						ļ .
24	1 Verdict	16 fl oz/a	В	0 b	100 a	96 b	92 cd	87 cd	85 <sup>b</sup> c
	MSO	1 % v/v	В			1			ĺ
	Roundup PowerMax	22 fl oz/a	В			1	,		
1	AMS	8.5 lb/100 gal	В						<u></u>
LSD	(P=.10)	-		0.0	0.9	2.6	3.9	7.0	6.0

Pest N Rating Rating	Date   Type			Velvetleaf May-30-2011 CONTROL	Velvetleaf Jun-24-2011 CONTROL	Velvetleaf Jul-8-2011 CONTROL	Velvetleaf Aug-9-2011 CONTROL	Velvetleaf Sep-8-2011 CONTROL
Rating Plant-I	ı Unit Eval Interval			100% 25 DP-1	% 50 DP-1	% 64 DP-1	% 96 DP-1	% 126 DP-1
No.	Treatment Name Nontreated	Rate Rate Unit	Appl Code	10	20	25 0	29 0	33 0
2	Fierce Roundup PowerMax	3 oz/a 22 fl oz/a	A A	100 a	100 a	99 a	100 a	100 a
	AMS	2.5 lb/a	A					
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
;	Fierce atrazine	3 oz/a 1 pt/a	A A	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	A A					
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
4	Fierce Roundup PowerMax	3.75 oz/a 22 fl oz/a	A A	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
	Fierce Roundup PowerMax Roundup PowerMax	4.5 oz/a 22 fl oz/a 22 fl oz/a	A A C	97 abc	100 a	99 a	100 a	100 a
	AMS	2.5 lb/a	С					
	Harness Xtra 5.6 Roundup PowerMax AMS	1.4 qt/a 22 fl oz/a 2.5 lb/a	B B B	95 bc	100 a	95 b	100 a	100 a
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
	Lexar Roundup PowerMax AMS	2.25 qt/a 22 fl oz/a 2.5 lb/a	B B B	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax AMS Corvus	22 fl oz/a 2.5 lb/a 3 fl oz/a	C C B	98 ab	100 a	99 a	100 a	100 a
;	atrazine Roundup PowerMax AMS	1 pt/a 22 fl oz/a 2.5 lb/a	B B B					
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
9	Verdict Roundup PowerMax AMS	13 fl oz/a 22 fl oz/a 2.5 lb/a	B B B	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax AMS	22 fl oz/a 2.5 lb/a	C C					
10	Nontreated Corvus	5.6 fl oz/a	В	0 d 100 a	0 b 100 a	0 c 100 a	0 e 100 a	0 d 100 a
	corvus atrazine COC	1 qt/a 1 % v/v	B B	100 a	100 a	тоо а	100 a	100 a
12	Corvus atrazine Roundup PowerMax	5.6 fl oz/a 1 qt/a 22 fl oz/a	B B B	100 a	100 a	100 a	100 a	100 a
13	AMS Corvus atrazine	8.5 lb/100 gal 5.6 fl oz/a 1 qt/a	B B B	100 a	100 a	100 a	100 a	100 a
	Ignite 280 AMS	22 fl oz/a 8.5 lb/100 gal	B B					

		Uni	versi	ty of wis	COH2111-1	viaui50i	1	
	Name			Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf
	g Date			May-30-2011	Jun-24-2011	Jul-8-2011	Aug-9-2011	Sep-8-2011
	g Type			CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	g Unit -Eval Interval			100% 25 DP-1	% 50 DP-1	% 64 DP-1	% 96 DP-1	% 126 DP-1
	Treatment	Doto	Annl	25 DF-1	30 DF-1	04 DF-1	90 DF-1	120 DF-1
Trt No.	Name	Rate Rate Unit	Appl Code	10	20	25	29	33
	Capreno	3 fl oz/a	B	99 a	100 a	25 99 a	97 bcd	97 ab
14	COC	1 % v/v	В	99 a	100 a	99 a	97 bcu	91 ab
	AMS							
15	Capreno	8.5 lb/100 gal	В	100 a	100 a	100 a	99 ab	100 a
15	atrazine	3 ii 02/a 1 qt/a	В	100 a	100 a	100 a	99 ab	100 a
	COC	•						
		1 % v/v	В					
	AMS	8.5 lb/100 gal			100		100	
16	Capreno	4 fl oz/a	В	98 ab	100 a	99 a	100 a	95 b
	COC	1 % v/v	В					
	AMS	8.5 lb/100 gal						
17	Capreno	5 fl oz/a	В	98 ab	100 a	98 a	98 abc	98 ab
	COC	1 % v/v	В					
	AMS	8.5 lb/100 ga						
18	Capreno	3 fl oz/a	В	100 a	100 a	97 ab	97 cd	97 ab
	Ignite 280	22 fl oz/a	В					
	AMS	8.5 lb/100 gal	В					
19	Capreno	3 fl oz/a	В	100 a	100 a	99 a	97 bcd	97 ab
	Ignite 280	22 fl oz/a	В					
	Harness	2.1 pt/a	В					
	AMS	8.5 lb/100 gal	В					
20	Capreno	3 fl oz/a	В	99 a	100 a	99 a	98 abc	95 b
	Roundup PowerMax	22 fl oz/a	В					
	AMS	8.5 lb/100 gal	В					
21	Capreno	3 fl oz/a	В	100 a	100 a	99 a	97 bcd	98 ab
	Roundup PowerMax	22 fl oz/a	В					
	Harness	2.1 pt/a	В					
	AMS	8.5 lb/100 gal						
22	Halex GT	3.8 pt/a	В	99 a	100 a	98 a	100 a	98 ab
	Activator 90	0.25 % v/v	В	35 u	100 a	50 u	100 a	00 db
	AMS	8.5 lb/100 gal						
23	Harness	2.1 pt/a	В	94 c	100 a	95 b	95 d	88 c
23	Roundup PowerMax	2.1 pt/a 22 fl oz/a	В	54.6	100 a	55 5	55 u	30 C
24	Verdict	16 fl oz/a	В	100 a	100 a	98 a	99 ab	100 a
24	MSO	1 % v/v	В	100 a	100 a	30 a	33 ab	100 a
		22 fl oz/a	В					
	Roundup PowerMax							
1.00	AMS	8.5 lb/100 ga	В	0.5	0.0	0.0	2.5	4.0
LSD	(P=.10)			3.5	0.0	3.3	2.5	4.3

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	Name			Common ragweed	Hogweed	Hogweed	Hogweed	Hogweed
	ng Date			May-30-2011	Jun-24-2011	Jul-8-2011	Aug-9-2011	Sep-8-2011
	ng Type			CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	ng Unit i-Eval Interval			100% 25 DP-1	% 50 DP-1	% 64 DP-1	% 96 DP-1	% 126 DP-1
	Treatment	Doto	Annl	25 DF-1	30 DF-1	04 DF-1	90 DF-1	120 DF-1
Trt		Rate	Appl	44	0.4	00	00	0.4
No.	Name	Rate Unit	Code	11	21	26	30	34
	Nontreated Fierce	3 oz/a	٨	0 100 a	0 100 a	0 100 a	0 100 a	0
			A	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	A					
	AMS	2.5 lb/a	Α					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	С					
3	Fierce	3 oz/a	Α	100 a	100 a	100 a	100 a	100 a
	atrazine	1 pt/a	Α					
	Roundup PowerMax	22 fl oz/a	Α					
	AMS	2.5 lb/a	Α					
		22 fl oz/a						
	Roundup PowerMax		С					
	AMS	2.5 lb/a	С					
4	Fierce	3.75 oz/a	Α	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	Α					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	С					
5	Fierce	4.5 oz/a	Α	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	Α					
	Roundup PowerMax	22 fl oz/a	С					
	•							
	AMS	2.5 lb/a	С	400 -	400 -	400 -	400 -	400 -
6	Harness Xtra 5.6	1.4 qt/a	В	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В					
	AMS	2.5 lb/a	В					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	С					
7	Lexar	2.25 qt/a	В	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В					
	AMS	2.5 lb/a	В					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	С					
8	Corvus	3 fl oz/a	В	99 b	100 a	100 a	100 a	100 a
	atrazine	1 pt/a	В					
	Roundup PowerMax	22 fl oz/a	В					
	AMS	2.5 lb/a	В					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	C					
_				100 -	100 -	100 a	400 -	400 -
9	Verdict	13 fl oz/a	В	100 a	100 a	100 a	100 a	100 a
	Roundup PowerMax	22 fl oz/a	В					
	AMS	2.5 lb/a	В					
	Roundup PowerMax	22 fl oz/a	С					
	AMS	2.5 lb/a	С					
10	Nontreated			0 c	0 b	0 b	0 d	0 c
	Corvus	5.6 fl oz/a	В	100 a	100 a	100 a	100 a	100 a
	atrazine	1 qt/a	В					
	COC	1 % v/v	В					
12	Corvus	5.6 fl oz/a	В	100 a	100 a	100 a	100 a	100 a
12	atrazine	1 qt/a		100 a	100 a	100 a	100 a	100 a
			В					
	Roundup PowerMax	22 fl oz/a	В					
	AMS	8.5 lb/100 gal	В					
13	Corvus	5.6 fl oz/a	В	100 a	100 a	100 a	100 a	100 a
	atrazine	1 qt/a	В					
	Ignite 280	22 fl oz/a	В					
	AMS	8.5 lb/100 gal	В					
	AIVIS	8.5 lb/100 gal	R					

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			Common ragweed	Hogweed	Hogweed	Hogweed	Hogweed
						•	Sep-8-2011
							CONTROL %
al							126 DP-1
<u> </u>	Rate	Appl	202	00 2	0.2.	00 2	.202.
			11	21	26	30	34
		В	100 a	100 a	100 a	100 a	100 a
1	% v/v	В					
8.5	lb/100 gal	В					
3	fl oz/a	В	100 a	100 a	100 a	100 a	100 a
1	qt/a	В					
1	% v/v	В					
8.5	lb/100 gal	В					
4	fl oz/a	В	100 a	100 a	100 a	100 a	99 a
1	% v/v	В					
8.5	lb/100 gal	В					
5	fl oz/a	В	100 a	100 a	100 a	100 a	100 a
1	% v/v	В					
8.5	lb/100 gal	В					
3	fl oz/a	В	100 a	100 a	100 a	99 b	99 a
22	fl oz/a	В					
8.5	lb/100 gal	В					
		В	100 a	100 a	100 a	100 a	100 a
22	fl oz/a	В					
2.1	pt/a	В					
8.5	lb/100 gal	В					
3	fl oz/a	В	100 a	100 a	100 a	98 c	93 b
PowerMax 22	fl oz/a	В					
8.5	lb/100 gal	В					
3	fl oz/a	В	100 a	100 a	100 a	100 a	100 a
PowerMax 22	fl oz/a	В					
2.1	pt/a	В					
	•	В					
		В	100 a	100 a	100 a	100 a	100 a
		В					
8.5	lb/100 gal	В					
			100 a	100 a	100 a	100 ab	100 a
	•	В					
	fl oz/a	В	100 a	100 a	100 a	100 a	99 a
		В					
PowerMax 22	fl oz/a	В					
		В					
	Jun	-	0.4	0.0	0.0	0.9	1.6
			0.4	0.0	0.0	0.9	1.
•	Rate  3 1 8.5 3 1 1 8.5 4 1 8.5 5 1 8.5 5 1 8.5 3 22 8.5 3 22 2.1 8.5 3 PowerMax 22 2.1 8.5 3 22 20 20 20 20 20 20 20 20 20 20 20 20	Rate Rate Unit 3 fl oz/a 1 % v/v 8.5 lb/100 gal 3 fl oz/a 1 qt/a 1 gv/v 8.5 lb/100 gal 4 fl oz/a 1 % v/v 8.5 lb/100 gal 5 fl oz/a 1 % v/v 8.5 lb/100 gal 5 fl oz/a 22 fl oz/a 22 fl oz/a 3 fl oz/a 22 fl oz/a 22 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 22 fl oz/a 21 pt/a 8.5 lb/100 gal 3 fl oz/a 21 pt/a	Rate   Appl   Code   S   Fl oz/a   B   S   B   B   B   B   B   B   B   B	Common ragweed May-30-2011 CONTROL 100% 25 DP-1    Rate	Common ragweed May-30-2011 CONTROL 100% 25 DP-1 CONTROL 100% 25 DP-1 S DP-1 CONTROL 100% 25 DP-1 CONTROL 100% 25 DP-1 S DP-1 S DP-1 CONTROL 100% 25 DP-1 CONTROL 100 a CONTROL 10	Common ragweed May-30-2011 CONTROL CONTROL CONTROL 100% % 25 DP-1 50 DP-1 64 DP-1    Rate	Common ragweed   Hogweed   Hogweed   Aug-9-2011   CONTROL   Jun-24-2011   CONTROL   Jun-24-2011   CONTROL   CONTRO

	Oili	/CI 31t)	y OI VVIS	COHSIII-N	iadisoii			
Rating Date			May-31-2011	May-31-2011	May-30-2011	May-30-2011	Jun-6-2011	Jun-6-2011
Rating Type			Stand Count	Stand Count	PHYCHL	PHYDEF	Stand Count	Stand Count
Rating Unit			#/25 ft	#/25 ft	100%	100%	#/25 ft	#/25 ft
Plant-Eval Interval Crop Name			26 DP-1 Dent corn	26 DP-1 Dent corn	25 DP-1 Dent corn	25 DP-1 Dent corn	32 DP-1 Dent corn	32 DP-1 Dent corn
	Rate	Anal	Dent com	Dent com	Dent com	Deni com	Dent com	Deni com
Trt Treatment No. Name	Rate Unit	Appl Code	4	5	6	7	12	13
1 Nontreated	Rate Utili	Code	36 a	37 a	0 a	0 a	41 a	39 a
2 Fierce	3 oz/a	Α	39 a	39 a	0 a	1 a	43 a	41 a
Roundup PowerMax	22 fl oz/a	A	35 a	33 a	σα	ıα	43 α	41 α
AMS	2.5 lb/a							
		A						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	С						
3 Fierce	3 oz/a	Α	38 a	39 a	0 a	0 a	43 a	42 a
atrazine	1 pt/a	Α						
Roundup PowerMax	22 fl oz/a	Α						
AMS	2.5 lb/a	Α						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	С						
4 Fierce	3.75 oz/a	A	42 a	40 a	0 a	1 a	43 a	43 a
Roundup PowerMax	22 fl oz/a	A	+∠ a	70 a	Ja	ıa	75 a	+5 a
Roundup PowerMax	22 fl oz/a	C						
· ·								
AMS	2.5 lb/a	С						
5 Fierce	4.5 oz/a	Α	40 a	40 a	0 a	1 a	43 a	42 a
Roundup PowerMax	22 fl oz/a	Α						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	С						
6 Harness Xtra 5.6	1.4 qt/a	В	39 a	39 a	0 a	1 a	43 a	42 a
Roundup PowerMax	22 fl oz/a	В						
AMS	2.5 lb/a	В						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	C						
7 Lexar		В	39 a	39 a	0.0	0.0	42 a	43 a
	2.25 qt/a		39 a	39 a	0 a	0 a	42 a	43 a
Roundup PowerMax	22 fl oz/a	В						
AMS	2.5 lb/a	В						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	С						
8 Corvus	3 fl oz/a	В	36 a	39 a	0 a	0 a	42 a	39 a
atrazine	1 pt/a	В						
Roundup PowerMax	22 fl oz/a	В						
AMS	2.5 lb/a	В						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	C						
9 Verdict	2.5 lb/a 13 fl oz/a	В	39 a	39 a	0 a	1 a	43 a	43 a
Roundup PowerMax	22 fl oz/a		39 a	39 a	U a	ı a	43 a	43 d
· ·		В						
AMS	2.5 lb/a	В						
Roundup PowerMax	22 fl oz/a	С						
AMS	2.5 lb/a	С						
10 Nontreated			39 a	38 a	0 a	0 a	41 a	40 a
11 Corvus	5.6 fl oz/a	В	38 a	37 a	0 a	0 a	42 a	41 a
atrazine	1 qt/a	В						
COC	1 % v/v	В						
12 Corvus	5.6 fl oz/a	В	43 a	37 a	1 a	1 a	44 a	41 a
atrazine	1 qt/a	В						
Roundup PowerMax	22 fl oz/a	В						
AMS	8.5 lb/100 gal							
13 Corvus	5.6 fl oz/a	В	40 a	39 a	0 a	0 a	43 a	43 a
atrazine	1 qt/a	В	+∪ a	Ja a	U a	U a	<del>-1</del> 3 a	+3 a
Ignite 280	22 fl oz/a	В						
AMS	8.5 lb/100 gal	В						

		01111	0.01			i-iviaui50i			
	ng Date			Jun-6-2011 PHYDEF	Jun-6-2011	Jun-24-2011	Jun-24-2011	Jul-8-2011	Oct-21-2011
	ng Type ng Unit			PHIDEF	PHYDEF %	HEIGHT (cm) LEFT	HEIGHT (cm) RIGHT	PHYGEN %	Moisture %
	t-Eval Interval			32 DP-1	32 DP-1	50 DP-1	50 DP-1	64 DP-1	169 DP-1
	Name			Dent corn	Dent corn	Dent corn	Dent corn	Dent corn	ZEAMD
Trt	Treatment	Rate	Appl						
No.	Name	Rate Unit	Code	14	15	16	17	22	35
	Nontreated Prierce	3 oz/a	Α	1 a 0 a	1 a 0 a	38 a 35 a	37 a 31 a	0 a 0 a	17 a 18 a
	Roundup PowerMax	22 fl oz/a	A	0 a	0 a	35 a	Si a	0 a	10 a
	AMS	2.5 lb/a	A						
	Roundup PowerMax	22 fl oz/a	C						
	AMS	2.5 lb/a	C						
3	Fierce	3 oz/a	A	1 a	1 a	32 a	33 a	0 a	20 a
3	atrazine	1 pt/a	A	ια	ı a	32 a	55 a	0 a	20 a
	Roundup PowerMax	22 fl oz/a	A						
	AMS	2.5 lb/a	A						
	Roundup PowerMax	22 fl oz/a	C						
	AMS	2.5 lb/a	C						
1	Fierce	3.75 oz/a	A	1 a	0 a	37 a	36 a	0 a	18 a
4	Roundup PowerMax	22 fl oz/a	A	ıa	0 a	Si a	30 a	0 a	10 a
	Roundup PowerMax	22 fl oz/a	C						
	AMS	2.5 lb/a	C						
5	Fierce	4.5 oz/a	A	0 a	1 a	34 a	50 a	0 a	20 a
3	Roundup PowerMax	22 fl oz/a	A	υa	ı a	54 a	30 a	0 a	20 a
	Roundup PowerMax	22 fl oz/a	C						
	AMS	2.5 lb/a	С						
6	Harness Xtra 5.6	1.4 qt/a	В	0 a	1 a	34 a	36 a	0 a	18 a
0	Roundup PowerMax	22 fl oz/a	В	υa	ı a	54 a	30 a	0 a	10 α
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	C						
7	AMS Lexar	2.5 lb/a 2.25 qt/a	В	1 a	1 a	33 a	32 a	0 a	21 a
,	Roundup PowerMax	2.23 qt/a 22 fl oz/a	В	ıa	ı a	33 a	32 a	0 a	21 a
	AMS	2.5 lb/a	В						
		2.5 fb/a 22 fl oz/a							
	Roundup PowerMax		С						
0	AMS	2.5 lb/a	С	0.0	0.0	25.0	26.0	0.0	20. 0
8	Corvus atrazine	3 fl oz/a	B B	0 a	0 a	35 a	36 a	0 a	20 a
		1 pt/a							
	Roundup PowerMax	22 fl oz/a	В						
	AMS	2.5 lb/a	В						
	Roundup PowerMax	22 fl oz/a	С						
_	AMS	2.5 lb/a	С	4 -	4 -	05 -	00 -	0 -	40 -
9	Verdict	13 fl oz/a 22 fl oz/a	В	1 a	1 a	35 a	33 a	0 a	18 a
	Roundup PowerMax	2.5 lb/a	В						
	AMS		В						
	Roundup PowerMax	22 fl oz/a	С						
40	AMS	2.5 lb/a	С	0 -	0 -			0 -	40 -
	Nontreated Corvus	5.6 fl oz/a	В	0 a 1 a	0 a 0 a			0 a 0 a	19 a 20 a
''	atrazine	1 qt/a	В	ıa	υa			o a	20 a
	COC	1 % v/v	В						
12	? Corvus	5.6 fl oz/a	В	0 a	0 a			0 a	20 a
12	atrazine	1 qt/a	В	σα	σα			σα	20 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	8.5 lb/100 gal	В						
13	Corvus	5.6 fl oz/a	В	0 a	0 a			0 a	19 a
13	atrazine	1 qt/a	В	U a	υa			o a	13 d
	Ignite 280	22 fl oz/a	В						
	AMS	8.5 lb/100 gal	В						
	7 (1910	0.0 ib/ 100 gal	D						

		Onn	/ersi	ty of wis	consin-
Rating Date				Oct-21-2011	Oct-21-2011
Rating Type				Yield	YIELD
Rating Unit Plant-Eval Interval				lb/plot 169 DP-1	BU 169 DP-1
Crop Name				ZEAMD	ZEAMD
Trt Treatment		Rate	Appl	ZE/ (IVID	ZL/ (IVID
No. Name	Rate	Unit	Code	36	37
1 Nontreated	rtato	OTIN	0000	22 f	134.4 e
2 Fierce	3	oz/a	Α	33 a-e	196.6 a-d
Roundup PowerMax	22	fl oz/a	Α		
AMS	2.5	lb/a	Α		
Roundup PowerMax	22	fl oz/a	С		
AMS	2.5	lb/a	С		
3 Fierce		oz/a	A	34 a-e	197.8 a-d
atrazine	1	pt/a	Α		
Roundup PowerMax		fl oz/a	Α		
AMS		lb/a	Α		
Roundup PowerMax	_	fl oz/a	C		
AMS			C		
		lb/a		22 h a	100.4 a.d
4 Fierce	3.75		A	32 b-e	192.4 a-d
Roundup PowerMax		fl oz/a	A		
Roundup PowerMax		fl oz/a	С		
AMS		lb/a	С		
5 Fierce		oz/a	A	35 a-d	202.8 abc
Roundup PowerMax		fl oz/a	Α		
Roundup PowerMax	22	fl oz/a	С		
AMS	2.5	lb/a	С		
6 Harness Xtra 5.6	1.4	qt/a	В	32 a-e	194.5 a-d
Roundup PowerMax	22	fl oz/a	В		
AMS	2.5	lb/a	В		
Roundup PowerMax	22	fl oz/a	С		
AMS	2.5	lb/a	С		
7 Lexar	2.25	qt/a	В	38 ab	220.1 ab
Roundup PowerMax		fl oz/a	В		
AMS	2.5	lb/a	В		
Roundup PowerMax	22	fl oz/a	С		
AMS		lb/a	C		
8 Corvus		fl oz/a	В	38 abc	223.4 a
atrazine		pt/a	В	00 000	220.4 u
Roundup PowerMax		fl oz/a	В		
		lb/a			
AMS	_		В		
Roundup PowerMax		fl oz/a	С		
AMS		lb/a	С		004.0
9 Verdict		fl oz/a	В	34 a-e	204.0 abc
Roundup PowerMax		fl oz/a	В		
AMS		lb/a	В		
Roundup PowerMax	22	fl oz/a	С		
AMS	2.5	lb/a	С		
10 Nontreated				24 f	140.8 e
11 Corvus		fl oz/a	В	35 abc	205.6 ab
atrazine	1	qt/a	В		
COC	1	% v/v	В		
12 Corvus	5.6	fl oz/a	В	36 abc	211.3 ab
atrazine	1	qt/a	В		
Roundup PowerMax	22	fl oz/a	В		
AMS	8.5	lb/100 gal	В		
13 Corvus		fl oz/a	В	32 a-e	190.2 a-d
atrazine		qt/a	В		
Ignite 280		fl oz/a	В		
AMS		lb/100 gal	В		
,	0.0	, 100 gai			

			OIIIV	CISI	Ly OI WIS		viauisoii			
	g Date				May-31-2011	May-31-2011	May-30-2011	May-30-2011	Jun-6-2011	Jun-6-2011
	ig Type				Stand Count	Stand Count	PHYCHL	PHYDEF	Stand Count	Stand Count
	g Unit				#/25 ft	#/25 ft	100%	100%	#/25 ft	#/25 ft
	-Eval Interval				26 DP-1 Dent corn	26 DP-1	25 DP-1	25 DP-1	32 DP-1 Dent corn	32 DP-1 Dent corn
Trt	Name		Rate	امم۸	Dent com	Dent corn	Dent corn	Dent corn	Dent com	Dent com
Iπ No.	Treatment Name	Rate	Unit	Appl	4	5	6	7	12	13
	Capreno		fl oz/a	Code B	37 a	38 a	0 0 a	7 0 a	40 a	42 a
17	COC		% v/v	В	37 a	30 a	0 a	0 a	40 a	42 a
	AMS		lb/100 gal	В						
15	Capreno		fl oz/a	В	32 a	37 a	0 a	0 a	38 a	38 a
15	atrazine	_	qt/a	В	32 a	31 a	0 a	0 a	30 a	30 a
	COC		чиа % v/v	В						
40	AMS		lb/100 gal	В	07	40			10	10
16	Capreno		fl oz/a	В	37 a	40 a	0 a	0 a	43 a	42 a
	COC		% v/v	В						
	AMS		lb/100 gal	В				_		
17	Capreno	_	fl oz/a	В	35 a	35 a	0 a	2 a	40 a	40 a
	COC		% v/v	В						
	AMS		lb/100 gal	В						
18	Capreno		fl oz/a	В	38 a	36 a	0 a	0 a	41 a	41 a
	Ignite 280		fl oz/a	В						
	AMS		lb/100 gal	В						
19	Capreno		fl oz/a	В	37 a	38 a	1 a	0 a	40 a	41 a
	Ignite 280	22	fl oz/a	В						
	Harness	2.1	pt/a	В						
	AMS	8.5	lb/100 gal	В						
20	Capreno	3	fl oz/a	В	41 a	39 a	0 a	1 a	43 a	45 a
	Roundup PowerMax	22	fl oz/a	В						
	AMS	8.5	lb/100 gal	В						
21	Capreno	3	fl oz/a	В	37 a	40 a	1 a	0 a	40 a	42 a
	Roundup PowerMax	22	fl oz/a	В						
	Harness	2.1	pt/a	В						
	AMS	8.5	lb/100 gal	В						
22	Halex GT		pt/a	В	40 a	36 a	1 a	0 a	42 a	41 a
	Activator 90		% v/v	В			-			
	AMS		lb/100 gal	В						
23	Harness		pt/a	В	38 a	37 a	0 a	0 a	43 a	41 a
-0	Roundup PowerMax		fl oz/a	В		J. 4	5 4	0 4		4
24	Verdict		fl oz/a	В	37 a	36 a	1 a	1 a	39 a	41 a
	MSO		% v/v	В	J. u	35 U	. u	. u	33 u	u
	Roundup PowerMax		fl oz/a	В						
	AMS		lb/100 gal	В						
LSD	(P=.10)	0.0	ib/ 100 gai	ט	4.5	4.3	0.8	1.0	3.6	3.7
LJU	(1 –. 10)				4.5	4.3	0.6	1.0	3.0	3.7

Means followed by same letter do not significantly differ (P=.10, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

				, <b>,</b>					
Ratin	g Date			Jun-6-2011	Jun-6-2011	Jun-24-2011	Jun-24-2011	Jul-8-2011	Oct-21-2011
	g Type			PHYDEF	PHYDEF	HEIGHT (cm)	HEIGHT (cm)	PHYGEN	Moisture
	g Unit			% 32 DP-1	%	LEFT	RIGHT	% C4 DD 4	% 460 DD 4
	-Eval Interval				32 DP-1	50 DP-1	50 DP-1	64 DP-1	169 DP-1 Dent Corn
	Name Treatment	Rate	Annl	Dent corn	Dent corn	Dent corn	Dent corn	Dent corn	Deni Com
			Appl	4.4	4.5	40	47	22	25
No.	Name Capreno	Rate Unit 3 fl oz/a	Code B	14 0 a	15 1 a	16	17	0 a	35 19 a
14	COC	1 % v/v	В	U a	ı a			0 a	19 a
	AMS	8.5 lb/100 gal	В						
15		3 fl oz/a	В	0 a	0 a			0 a	19 a
15	Capreno atrazine		В	0 а	υа			0 a	19 a
		1 qt/a							
	COC	1 % v/v	В						
	AMS	8.5 lb/100 gal	В	_					
16	Capreno	4 fl oz/a	В	0 a	0 a			0 a	22 a
	COC	1 % v/v	В						
	AMS	8.5 lb/100 gal	В						
17	Capreno	5 fl oz/a	В	1 a	0 a			0 a	18 a
	COC	1 % v/v	В						
	AMS	8.5 lb/100 gal	В						
18	Capreno	3 fl oz/a	В	1 a	1 a			0 a	19 a
	Ignite 280	22 fl oz/a	В						
	AMS	8.5 lb/100 gal	В						
19	Capreno	3 fl oz/a	В	0 a	0 a			0 a	18 a
	Ignite 280	22 fl oz/a	В						
	Harness	2.1 pt/a	В						
	AMS	8.5 lb/100 gal	В						
20	Capreno	3 fl oz/a	В	0 a	0 a			0 a	18 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	8.5 lb/100 gal	В						
21	Capreno	3 fl oz/a	В	0 a	0 a			0 a	20 a
	Roundup PowerMax	22 fl oz/a	В	0 4	0 4			٥۵	
	Harness	2.1 pt/a	В						
	AMS	8.5 lb/100 gal	В						
22	Halex GT	3.8 pt/a	В	1 a	1 a			0 a	19 a
	Activator 90	0.25 % v/v	В	ı a	ıa			o a	ı ə a
	AMS		В						
22		8.5 lb/100 gal		0.5	0 -			0 -	20
23	Harness	2.1 pt/a 22 fl oz/a	B B	0 a	0 a			0 a	20 a
24	Roundup PowerMax			1 -	0 -			0.5	10 -
24	Verdict MSO	16 fl oz/a 1 % v/v	B B	1 a	0 a			0 a	19 a
	Roundup PowerMax	22 fl oz/a	В						
	AMS	8.5 lb/100 gal	В						
LSD	(P=.10)			0.9	0.6	5.5	13.6	0.0	2.8

Rating Date   Rating Type   Rating Type   Rating Unit   Rating Type   Rating Unit   Plant-Eval Interval   Crop Name   Rate   Code   169 DP-1				OHI	vei Si	ty OI WIS	PC0112111-
Rating Unit   Plant-Eval Interval   Crop Name   Rate   Crop Name   Rate   Code   169 DP-1   Dent Corn							
Plant-Eval Interval Crop Name							
Crop Name							
Trit							
No. Name				Rate	Appl	20.11.00.11	20.11.00.11.
COC			Rate			36	37
AMS 8.5 lb/100 gal B  15 Capreno 3 fl oz/a B 33 a-e 196.1 a-d atrazine 1 qt/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  16 Capreno 4 fl oz/a B 39 a 221.3 ab COC 1 % v/v B AMS 8.5 lb/100 gal B  17 Capreno 5 fl oz/a B 33 a-e 197.0 a-d COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 5 fl oz/a B 33 a-e 197.0 a-d COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B 33 a-e 199.4 a-d lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B 28 ef 164.5 de lgnite 280 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B 28 def Roundup PowerMax AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B 34 a-d 200.0 a-d Roundup PowerMax AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B 32 a-e 193.3 a-d AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B 32 a-e 193.3 a-d 200.0 a-d Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup P	14	Capreno	3	fl oz/a		35 abc	
15 Capreno   3 fl oz/a   B   33 a-e   196.1 a-d     COC		coc	1	% v/v	В		
atrazine		AMS	8.5	lb/100 gal	В		
COC 1 % v/v B AMS 8.5 lb/100 gal B  16 Capreno 4 fl oz/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  17 Capreno 5 fl oz/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  22 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  24 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  25 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  26 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  27 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  28 def 168.9 cde Coc a def coc a d	15	Capreno	3	fl oz/a	В	33 a-e	196.1 a-d
AMS 8.5 lb/100 gal B  16 Capreno 4 fl oz/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  17 Capreno 5 fl oz/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B Ignite 280 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  22 fl oz/a B AMS 8.5 lb/100 gal B  23 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  24 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  25 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  26 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  27 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  28 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  29 Halex GT 3.8 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 0 0.25 % v/v B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B		atrazine	1	qt/a	В		
16 Capreno		COC	1	% v/v	В		
COC 1 % v/v B AMS 8.5 lb/100 gal B  17 Capreno 5 fl oz/a B COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B		AMS	8.5	lb/100 gal	В		
AMS 8.5 lb/100 gal B  17 Capreno 5 fl oz/a B 33 a-e 197.0 a-d COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B 33 a-e 199.4 a-d Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B 28 ef I64.5 de Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B 28 def Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B 28 def Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B 34 a-d 200.0 a-d Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B 32 a-e 193.3 a-d Activator 90 0.25 % v/v B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B 35 abc 205.9 ab Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B 31 cde 187.0 bcd MSO 1 % v/v B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B	16	Capreno	4	fl oz/a	В	39 a	221.3 ab
17 Capreno 5 fl oz/a B 33 a-e 197.0 a-d COC 1 % v/v B AMS 8.5 lb/100 gal B 33 a-e 199.4 a-d lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef la4.5 de lgnite 280 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef la6.9 cde Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B 28 ef la6.9 cde Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B 20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B 20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B 20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B 20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B 20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B 32 a-e 193.3 a-d Activator 90 0.25 % v/v B AMS 8.5 lb/100 gal B 20 Capreno B Capreno B Soundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B 31 cde 187.0 bcd AMS 8.5 lb/100 gal B 31 cde 187.0 bcd AMS 8.5 lb/100 gal B 31 cde 187.0 bcd AMS 8.5 lb/100 gal B 31 cde 187.0 bcd AMS 8.5 lb/100 gal B 31 cde 187.0 bcd		COC	1	% v/v	В		
COC 1 % v/v B AMS 8.5 lb/100 gal B  18 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B Ignite 280 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B Roundup PowerMax 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B		AMS	8.5	lb/100 gal	В		
AMS       8.5 lb/100 gal       B         18 Capreno       3 fl oz/a       B         Ignite 280       22 fl oz/a       B         AMS       8.5 lb/100 gal       B         19 Capreno       3 fl oz/a       B         Ignite 280       22 fl oz/a       B         Harness       2.1 pt/a       B         AMS       8.5 lb/100 gal       B         20 Capreno       3 fl oz/a       B         Roundup PowerMax       22 fl oz/a       B         AMS       8.5 lb/100 gal       B         21 Capreno       3 fl oz/a       B         Roundup PowerMax       22 fl oz/a       B         Harness       2.1 pt/a       B         AMS       8.5 lb/100 gal       B         22 Halex GT       3.8 pt/a       B       32 a-e       193.3 a-d         Activator 90       0.25 % v/v       B       35 abc       205.9 ab         23 Harness       2.1 pt/a       B       35 abc       205.9 ab         24 Verdict       16 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       AMS       8.5 lb/100 gal       B         24 Verdict       16 fl	17	Capreno				33 a-e	197.0 a-d
18 Capreno       3 fl oz/a       B       33 a-e       199.4 a-d         Ignite 280       22 fl oz/a       B       33 a-e       199.4 a-d         AMS       8.5 lb/100 gal       B       28 ef       164.5 de         19 Capreno       3 fl oz/a       B       28 ef       164.5 de         Ignite 280       22 fl oz/a       B       28 def       164.5 de         Harness       2.1 pt/a       B       28 def       168.9 cde         AMS       8.5 lb/100 gal       B       28 def       168.9 cde         Roundup PowerMax       22 fl oz/a       B       28 def       168.9 cde         Roundup PowerMax       22 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       32 a-e       193.3 a-d         AKS       8.5 lb/100 gal       B       32 a-e       193.3 a-d         23 Harness       2.1 pt/a       B       35 abc       205.9 ab         24 Verdict       16 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       31 cde       187.0 bcd		coc	1	% v/v	В		
18 Capreno       3 fl oz/a       B       33 a-e       199.4 a-d         Ignite 280       22 fl oz/a       B       33 a-e       199.4 a-d         AMS       8.5 lb/100 gal       B       28 ef       164.5 de         19 Capreno       3 fl oz/a       B       28 ef       164.5 de         Ignite 280       22 fl oz/a       B       28 def       164.5 de         Harness       2.1 pt/a       B       28 def       168.9 cde         AMS       8.5 lb/100 gal       B       28 def       168.9 cde         Roundup PowerMax       22 fl oz/a       B       28 def       168.9 cde         Roundup PowerMax       22 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       32 a-e       193.3 a-d         AKS       8.5 lb/100 gal       B       32 a-e       193.3 a-d         23 Harness       2.1 pt/a       B       35 abc       205.9 ab         24 Verdict       16 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       31 cde       187.0 bcd		AMS	8.5	lb/100 gal	В		
AMS 8.5 lb/100 gal B  19 Capreno 3 fl oz/a B 28 ef 164.5 de lgnite 280 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B Z8 def 168.9 cde Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B Z9 def Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B Z9 def Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  22 Harness 2.1 pt/a B Z9 def Z9 de	18	Capreno				33 a-e	199.4 a-d
19 Capreno 3 fl oz/a B		Ignite 280	22	fl oz/a	В		
Ignite 280   22 fl oz/a   B   Harness   2.1 pt/a   B   B   AMS   8.5 lb/100 gal   B   28 def   168.9 cde   Roundup PowerMax   22 fl oz/a   B   AMS   8.5 lb/100 gal   B   20 Capreno   3 fl oz/a   B   AMS   8.5 lb/100 gal   B   20 Capreno   3 fl oz/a   B   AMS   8.5 lb/100 gal   B   34 a-d   200.0 a-d   Roundup PowerMax   22 fl oz/a   B   AMS   8.5 lb/100 gal   B   22 Halex GT   3.8 pt/a   B   32 a-e   193.3 a-d   Activator 90   0.25 % v/v   B   AMS   8.5 lb/100 gal   B   23 Harness   2.1 pt/a   B   35 abc   205.9 ab   Roundup PowerMax   22 fl oz/a   B   31 cde   187.0 bcd   MSO   1 % v/v   B   Roundup PowerMax   22 fl oz/a   B   AMS   8.5 lb/100 gal   B   AMS		AMS	8.5	lb/100 gal	В		
Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B Roundup PowerMax 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B	19	Capreno	3	fl oz/a	В	28 ef	164.5 de
AMS 8.5 lb/100 gal B  20 Capreno 3 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  22 Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B 32 a-e 193.3 a-d Activator 90 0.25 % v/v B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B 35 abc 205.9 ab Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B  24 Verdict 16 fl oz/a B 31 cde 187.0 bcd MSO 1 % v/v B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B		Ignite 280	22	fl oz/a	В		
20 Capreno   3 fl oz/a   B   28 def   168.9 cde		Harness	2.1	pt/a	В		
20 Capreno   3 fl oz/a   B   28 def   168.9 cde		AMS	8.5	lb/100 gal	В		
AMS 8.5 lb/100 gal B  21 Capreno 3 fl oz/a B ACUNDUP PowerMax 22 fl oz/a B Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B ACUNDUP SWORD SWO	20	Capreno				28 def	168.9 cde
21 Capreno       3 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       34 a-d       200.0 a-d         Harness       2.1 pt/a       B       B       34 a-d       200.0 a-d         AMS       8.5 lb/100 gal       B       32 a-e       193.3 a-d         22 Halex GT       3.8 pt/a       B       32 a-e       193.3 a-d         Activator 90       0.25 % v/v       B       Activator       205.9 ab         AMS       8.5 lb/100 gal       B       35 abc       205.9 ab         Roundup PowerMax       22 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       AMS       8.5 lb/100 gal       B         AMS       8.5 lb/100 gal       B       AMS       8.5 lb/100 gal       B		Roundup PowerMax	22	fl oz/a	В		
21 Capreno       3 fl oz/a       B       34 a-d       200.0 a-d         Roundup PowerMax       22 fl oz/a       B       B       Adada       200.0 a-d         Harness       2.1 pt/a       B       B       B       Adada       200.0 a-d         AMS       8.5 lb/100 gal       B <td< td=""><td></td><td>AMS</td><td>8.5</td><td>lb/100 gal</td><td>В</td><td></td><td></td></td<>		AMS	8.5	lb/100 gal	В		
Harness 2.1 pt/a B AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B Activator 90 0.25 % v/v B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 3.5 lb/100 gal B	21	Capreno				34 a-d	200.0 a-d
AMS 8.5 lb/100 gal B  22 Halex GT 3.8 pt/a B 32 a-e 193.3 a-d Activator 90 0.25 % v/v B AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B 35 abc 205.9 ab Roundup PowerMax 22 fl oz/a B  24 Verdict 16 fl oz/a B 31 cde 187.0 bcd MSO 1 % v/v B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B		Roundup PowerMax	22	fl oz/a	В		
22 Halex GT       3.8 pt/a       B       32 a-e       193.3 a-d         Activator 90       0.25 % v/v       B       32 a-e       193.3 a-d         AMS       8.5 lb/100 gal       B       35 abc       205.9 ab         23 Harness       2.1 pt/a       B       35 abc       205.9 ab         Roundup PowerMax       22 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       31 cde       187.0 bcd         Roundup PowerMax       22 fl oz/a       B       AMS       8.5 lb/100 gal       B		Harness	2.1	pt/a	В		
22 Halex GT       3.8 pt/a       B       32 a-e       193.3 a-d         Activator 90       0.25 % v/v       B       32 a-e       193.3 a-d         AMS       8.5 lb/100 gal       B       35 abc       205.9 ab         23 Harness       2.1 pt/a       B       35 abc       205.9 ab         Roundup PowerMax       22 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       31 cde       187.0 bcd         Roundup PowerMax       22 fl oz/a       B       AMS       8.5 lb/100 gal       B		AMS	8.5	lb/100 gal	В		
AMS 8.5 lb/100 gal B  23 Harness 2.1 pt/a B Roundup PowerMax 22 fl oz/a B  24 Verdict 16 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B	22	Halex GT				32 a-e	193.3 a-d
23 Harness       2.1 pt/a       B       35 abc       205.9 ab         Roundup PowerMax       22 fl oz/a       B       31 cde       187.0 bcd         24 Verdict       16 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       Roundup PowerMax       22 fl oz/a       B         AMS       8.5 lb/100 gal       B       B       B		Activator 90	0.25	% v/v	В		
23 Harness       2.1 pt/a       B       35 abc       205.9 ab         Roundup PowerMax       22 fl oz/a       B       31 cde       187.0 bcd         24 Verdict       16 fl oz/a       B       31 cde       187.0 bcd         MSO       1 % v/v       B       Roundup PowerMax       22 fl oz/a       B         AMS       8.5 lb/100 gal       B       B		AMS	8.5	lb/100 gal	В		
Roundup PowerMax         22 fl oz/a         B           24 Verdict         16 fl oz/a         B         31 cde         187.0 bcd           MSO         1 % v/v         B           Roundup PowerMax         22 fl oz/a         B           AMS         8.5 lb/100 gal         B	23	Harness				35 abc	205.9 ab
24 Verdict 16 fl oz/a B 31 cde 187.0 bcd  MSO 1 % v/v B  Roundup PowerMax 22 fl oz/a B  AMS 8.5 lb/100 gal B		Roundup PowerMax		•	В		
Roundup PowerMax 22 fl oz/a B AMS 8.5 lb/100 gal B	24		16	fl oz/a	В	31 cde	187.0 bcd
AMS 8.5 lb/100 gal B		MSO	1	% v/v	В		
AMS 8.5 lb/100 gal B		Roundup PowerMax	22	fl oz/a	В		
9			8.5	lb/100 gal	В		
	LSD					6.6	35.82