Burndown Evaluation: Minimum Tillage

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

seeded

medium/trashy

Investigator: V. M. Davis Discipline: H herbicide

Crop Description

ZEAMD Crop 1: Zea mays indentata Dent corn

Variety: Croplan T8 421 VT3 **BBCH Scale: BCOR**

Description: VT3 Planting Date: May-6-2011

Planting Method: SEEDED

Rate, Unit: 36000 S/A

Depth, Unit: 1.75 IN

Row Spacing, Unit: 30 IN

Spacing Within Row, Unit: 5

Seed Bed: MEDTRA Soil Moisture: MOIST

Emergence Date: May-19-2011

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: VERAR Veronica arvensis

Common Name: Corn speedwell

Pest 4 Type: W Code: CAPBP Capsella bursa-pastoris

Common Name: Shepherd's purse

Pest 5 Type: W Code: POROL Portulaca oleracea

Common Name: Common purslane

Site and Design

Site Type: CROPL Plot Width, Unit: 10

Plot Length, Unit: 25 FT

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

Replications: 4

Soil Description

Description Name: Fayette

Texture: SIL silt loam Soil Name: Fayette

Application Description

	Α		
Application Date:	May-7-2011		
Time of Day:	11:50AM		
Application Method:	Broadcast		
Application Timing:	Pre		
Application Placement:	Surface		
Applied By:	T. Trower		
Air Temperature, Unit:	77 F		
% Relative Humidity:	35		
Wind Velocity, Unit:	5 MPH		
Wind Direction:	NE		
Soil Temperature, Unit:	62 F		
Soil Moisture:	DRY/MST		
% Cloud Cover:	50		

Crop Stage At Each Application

	Α
Crop 1 Code, BBCH Scale:	ZEAMD BCOR
Stage Scale Used:	BBCH
Stage Majority, Percent:	Pre

Pest Stage At Each Application

	Α
Pest 1 Code, Type, Scale:	SETFA W
Stage Majority, Percent:	1 If
Height, Unit:	0.25 IN
Pest 2 Code, Type, Scale:	AMBTR W
Stage Majority, Percent:	2 lvs
Height, Unit:	1 IN
Height Minimum, Maximum:	1 2
Density, Unit:	2 FT2
Pest 3 Code, Type, Scale:	VERAR W
Stage Majority, Percent:	2 lv
Height, Unit:	0.5 IN
Height Minimum, Maximum:	0.5 1
Pest 4 Code, Type, Scale:	CAPBP W
Stage Majority, Percent:	Pre
Pest 5 Code, Type, Scale:	POROL W
Stage Majority, Percent:	Pre

Application Equipment

	Α
Appl. Equipment:	BACSPR
Operating Pressure, Unit:	23 PSI
Nozzle Type:	Flat Fan
Nozzle Size:	TT 11015
Nozzle Spacing, Unit:	20 IN
Boom Length, Unit:	10 FT
Boom Height, Unit:	19 IN
Ground Speed, Unit:	3 MPH
Carrier:	WATER
Spray Volume, Unit:	20
Spray Volume, Onic.	gal/ac
Mix Size, Unit:	2.2 liters
Propellant:	CO2

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	Name				Faber's fox		aber's fox	
	g Date				May-23-20		Jun-3-20	
	g Type g Unit				CONTR		CONTR	(OL %
	g Onit Eval Interval				17 DF	% P-1	28 D	
Trt	Treatment	R	ate	Appl	17 01	-	20 D	_
No.	Name		nit	Code	3		10	
	Nontreated	rate of	1111	Outc	0		0	
	Corvus	5.6 fl	oz/a	Α	100	а	100	а
	atrazine	1 qt	/a	Α				
	COC	1 %	v/v	Α				
3	Corvus	5.6 fl		Α	100	а	100	а
	atrazine	1 qt	/a	Α				
	Roundup PowerMax	22 fl		Α				
	AMS		/100 gal	Α				
	Corvus	5.6 fl		A	100	а	100	а
	atrazine	1 qt		A	100	۵	100	u
	Ignite 280	22 fl		A				
	AMS							
			/100 gal	A	400	_	400	
5	Capreno	3 fl 1 %		A	100	a	100	а
	COC			A				
	AMS		/100 gal	A				
6	Capreno	3 fl		A	100	a	100	а
	atrazine	1 qt		Α				
	COC	1 %		Α				
	AMS		/100 gal	Α				
7	Capreno	4 fl		Α	100	а	100	а
	COC	1 %	v/v	Α				
	AMS	8.5 lb	/100 gal	Α				
8	Capreno	5 fl	oz/a	Α	100	а	100	а
	COC	1 %	v/v	Α				
	AMS	8.5 lb	/100 gal	Α				
9	Capreno	3 fl	oz/a	Α	100	а	100	а
	Ignite 280	22 fl	oz/a	Α				
	AMS	8.5 lb	/100 gal	Α				
10	Capreno	3 fl	oz/a	Α	100	а	100	а
	Ignite 280	22 fl	oz/a	Α				
	Harness	2.1 pt	/a	Α				
	AMS	8.5 lb	/100 gal	Α				
11	Capreno	3 fl		Α	100	а	100	а
	Roundup PowerMax	22 fl		Α				
	AMS	8.5 lb	/100 gal	Α				
12	Capreno	3 fl		A	100	а	100	а
	Roundup PowerMax	22 fl		A		-	.00	_
	Harness	2.1 pt		Α				
	AMS	-						
12	Halex GT		/100 gal	A	100	2	100	_
13	Activator 90	3.8 pt 0.25 %		A	100	a	100	a
	ACTIVATOR 90							
	CIVIA		/100 gal	Α				
4 4	Harness	2.1 pt	/_	Α	100		100	

					- J	
Pest	Name				Faber's foxtail	Faber's foxtail
Ratin	g Date				May-23-2011	Jun-3-2011
Ratin	g Type				CONTROL	CONTROL
Ratin	g Unit				%	%
Plant	-Eval Interval				17 DP-1	28 DP-1
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	3	10
15	Verdict	16	fl oz/a	Α	100 a	100 a
	MSO	1	% v/v	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
LSD	(P=.10)				0.0	0.2

Ratin	Name g Date g Type				Crownweed May-23-2011 CONTROL	Crownweed Jun-3-2011 CONTROL
	g Unit				%	%
Plant-	-Eval Interval				17 DP-1	28 DP-1
Trt	Treatment		Rate	Appl		
No.		Rate	Unit	Code	5	12
	Nontreated	F.C	fl/-	۸	0	0 07 -
2	Corvus		fl oz/a	A A	99 a	97 a
	atrazine		qt/a			
	COC		% v/v	A	400 -	00 -
3	Corvus		fl oz/a	A	100 a	99 a
	atrazine		qt/a	A		
	Roundup PowerMax		fl oz/a	Α		
	AMS		lb/100 gal	A		
4	Corvus		fl oz/a	A	100 a	100 a
	atrazine		qt/a	Α		
	Ignite 280		fl oz/a	Α		
	AMS		lb/100 gal	Α		
5	Capreno		fl oz/a	Α	91 a	88 a
	COC		% v/v	Α		
	AMS	8.5	lb/100 gal	Α		
6	Capreno		fl oz/a	Α	98 a	96 a
	atrazine	1	qt/a	Α		
	COC	1	% v/v	Α		
	AMS	8.5	lb/100 gal	Α		
7	Capreno	4	fl oz/a	Α	89 a	84 a
	COC	1	% v/v	Α		
	AMS	8.5	lb/100 gal	Α		
8	Capreno	5	fl oz/a	Α	93 a	90 a
	COC	1	% v/v	Α		
	AMS	8.5	lb/100 gal	Α		
9	Capreno	3	fl oz/a	Α	90 a	85 a
	Ignite 280	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
10	Capreno	3	fl oz/a	Α	95 a	90 a
	Ignite 280	22	fl oz/a	Α		
	Harness	2.1	pt/a	Α		
	AMS	8.5	lb/100 gal	Α		
11	Capreno	3	fl oz/a	Α	94 a	88 a
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
12	Capreno		fl oz/a	Α	95 a	94 a
	Roundup PowerMax		fl oz/a	Α		
	Harness		pt/a	Α		
	AMS		lb/100 gal	Α		
13	Halex GT		pt/a	A	96 a	93 a
	Activator 90		% v/v	A	00 4	00 4
	AMS		lb/100 gal	A		
14	Harness		pt/a	A	96 a	88 a
17	Roundup PowerMax	۷.۱	fl oz/a	, ·	50 a	00 a

					•	
Pest	Name				Crownweed	Crownweed
Ratin	g Date				May-23-2011	Jun-3-2011
Ratin	g Type				CONTROL	CONTROL
Ratin	g Unit				%	%
Plant	-Eval Interval				17 DP-1	28 DP-1
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	5	12
15	Verdict	16	fl oz/a	Α	98 a	94 a
	MSO	1	% v/v	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
LSD	(P=.10)				7.4	12.4

Ratin Ratin Ratin	Name g Date g Type g Unit -Eval Interval				Shepherd's pur> May-23-2011 CONTROL % 17 DP-1	Shepherd's pur> Jun-3-2011 CONTROL % 28 DP-1
Trt	Treatment		Rate	Appl	17 51 1	20 01 1
No.	Name	Rate	Unit	Code	6	13
_	Nontreated	Nato	OTIIC	Couc	0	0
	Corvus	5.6	fl oz/a	Α	100 a	100 a
	atrazine	1	qt/a	Α		
	COC	1	% v/v	Α		
3	Corvus	5.6	fl oz/a	Α	100 a	100 a
	atrazine	1	qt/a	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
4	Corvus		fl oz/a	Α	100 a	100 a
	atrazine		qt/a	Α	.00 a	.00 a
	Ignite 280		fl oz/a	Α		
	AMS		lb/100 gal	Α		
5	Capreno		fl oz/a	A	100 a	100 a
J	COC		% v/v	A	100 a	100 a
	AMS		lb/100 gal	A		
6	Capreno		fl oz/a	A	100 a	100 a
O	atrazine		qt/a	A	100 a	100 α
	COC		% v/v	A		
	AMS	· ·		_		
7			lb/100 gal fl oz/a	A	100.0	00.0
,	Capreno COC		11 02/a % v/v	A	100 a	99 a
	AMS					
0			lb/100 gal fl oz/a	A	100 a	100.0
0	Capreno COC		11 02/a % v/v	A	100 a	100 a
	AMS		lb/100 gal			
0	Capreno		fl oz/a	A	100 a	100 a
9	Ignite 280		fl oz/a	A	100 a	100 a
	AMS					
10			lb/100 gal fl oz/a	A	100 a	100 a
10	Capreno Ignite 280	_	fl oz/a	A	100 a	100 a
	Harness		pt/a	A		
	AMS		•			
11			lb/100 gal fl oz/a	A	100.0	100.0
11	Capreno Poundup PowerMax		fl oz/a	A	100 a	100 a
	Roundup PowerMax					
40	AMS		lb/100 gal	A	100 0	00 -
12	Capreno Roundup PowerMax		fl oz/a	A	100 a	99 a
	•		fl oz/a	A		
	Harness		pt/a	A		
40	AMS		lb/100 gal	A	100 -	400
13	Halex GT		pt/a	A	100 a	100 a
	Activator 90		% v/v	A		
	AMS		lb/100 gal	A	100	
14	Harness		pt/a	A	100 a	100 a
	Roundup PowerMax	22	fl oz/a	Α		

D 1	NI				Object to a sell a server	01
	Name				Shepherd's pur>	Shepherd's pur>
Ratin	g Date				May-23-2011	Jun-3-2011
Ratin	g Type				CONTROL	CONTROL
Ratin	g Unit				%	%
Plant	-Eval Interval				17 DP-1	28 DP-1
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	6	13
15	Verdict	16	fl oz/a	Α	100 a	100 a
	MSO	1	% v/v	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
LSD	(P=.10)				0.0	0.7

		Univ	ersi	ty ot Wisco	nsin-waui
	Name			Common purslane	Common purslane
	g Date			May-23-2011	Jun-3-2011
	g Type			CONTROL	CONTROL
	g Unit -Eval Interval			% 17 DP-1	% 28 DP-1
Trt	Treatment	Rate	Appl	17 01 -1	20 DI - I
No.	Name	Rate Unit	Code	7	14
	Nontreated	itale Offic	Code	0	0
	Corvus	5.6 fl oz/a	Α	100 a	99 a
	atrazine	1 qt/a	Α		
	COC	1 % v/v	Α		
3	Corvus	5.6 fl oz/a	Α	100 a	100 a
_	atrazine	1 qt/a	Α		
	Roundup PowerMax	22 fl oz/a	Α		
	AMS	8.5 lb/100 gal	Α		
4	Corvus	5.6 fl oz/a	A	100 a	100 a
7	atrazine	1 qt/a	A	100 a	100 u
	Ignite 280	22 fl oz/a	A		
	AMS	8.5 lb/100 gal	A		
		3 fl oz/a	A	96 a	92 a
5	Capreno COC	1 % v/v	A	90 a	92 a
	AMS	8.5 lb/100 gal	A	00	00 -
Ь	Capreno	3 fl oz/a	A	99 a	98 a
	atrazine	1 qt/a	A		
	COC	1 % v/v	A		
	AMS	8.5 lb/100 gal	Α		
7	Capreno	4 fl oz/a	A	99 a	96 a
	COC	1 % v/v	Α		
	AMS	8.5 lb/100 gal	Α		
8	Capreno	5 fl oz/a	Α	98 a	98 a
	COC	1 % v/v	Α		
	AMS	8.5 lb/100 gal	Α		
9	Capreno	3 fl oz/a	Α	96 a	94 a
	Ignite 280	22 fl oz/a	Α		
	AMS	8.5 lb/100 gal	Α		
10	Capreno	3 fl oz/a	Α	99 a	99 a
	Ignite 280	22 fl oz/a	Α		
	Harness	2.1 pt/a	Α		
	AMS	8.5 lb/100 gal	Α		
11	Capreno	3 fl oz/a	Α	100 a	100 a
	Roundup PowerMax	22 fl oz/a	Α		
	AMS	8.5 lb/100 gal	Α		
12	Capreno	3 fl oz/a	Α	100 a	99 a
	Roundup PowerMax	22 fl oz/a	Α		
	Harness	2.1 pt/a	Α		
	AMS	8.5 lb/100 gal	Α		
13	Halex GT	3.8 pt/a	A	98 a	98 a
	Activator 90	0.25 % v/v	Α		-3 4
	AMS	8.5 lb/100 gal	Α		
14	Harness	2.1 pt/a	A	95 a	93 a
ι-τ	Roundup PowerMax	22 fl oz/a	A	J	υυ α

					<i>J</i>	
Pest	Name				Common purslane	Common purslane
Ratin	g Date				May-23-2011	Jun-3-2011
Ratin	g Type				CONTROL	CONTROL
Ratin	g Unit				%	%
	-Eval Interval				17 DP-1	28 DP-1
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	7	14
15	Verdict	16	fl oz/a	Α	92 a	89 a
	MSO	1	% v/v	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
	(-					
LSD	(P=.10)				4.6	6.9

		Ulliv	ersi	ty of wi
Pest Name				Velvetleaf
Rating Date				Jun-3-2011
Rating Type				CONTROL
Rating Unit				%
Plant-Eval Interval		D-4-	A I	28 DP-1
Trt Treatment	Data	Rate	Appl	45
No. Name 1 Nontreated	Rate	Unit	Code	15 0
2 Corvus	5.6	fl oz/a	Α	100 a
atrazine		qt/a	A	100 a
COC		% v/v	A	
3 Corvus		fl oz/a	A	100 a
atrazine		qt/a	A	100 a
		fl oz/a	A	
Roundup PowerMax				
AMS		lb/100 gal	A	400 -
4 Corvus		fl oz/a	A	100 a
atrazine		qt/a	A	
Ignite 280		fl oz/a	Α	
AMS	8.5	lb/100 gal	Α	
5 Capreno	3	fl oz/a	Α	100 a
COC	1	% v/v	Α	
AMS	8.5	lb/100 gal	Α	
6 Capreno	3	fl oz/a	Α	100 a
atrazine	1	qt/a	Α	
COC	1	% v/v	Α	
AMS	8.5	lb/100 gal	Α	
7 Capreno		fl oz/a	Α	100 a
coc	1	% v/v	Α	
AMS	8.5	lb/100 gal	Α	
8 Capreno		fl oz/a	Α	100 a
COC		% v/v	Α	
AMS		lb/100 gal	Α	
9 Capreno		fl oz/a	A	100 a
Ignite 280		fl oz/a	A	100 a
AMS		lb/100 gal	Α	
10 Capreno		fl oz/a	A	100 a
Ignite 280		fl oz/a	A	100 a
=			A	
Harness		pt/a		
AMS		lb/100 gal	A	400
11 Capreno		fl oz/a	A	100 a
Roundup PowerMax		fl oz/a	A	
AMS		lb/100 gal	A	
12 Capreno		fl oz/a	A	100 a
Roundup PowerMax		fl oz/a	Α	
Harness		pt/a	Α	
AMS		lb/100 gal	Α	
13 Halex GT	3.8	pt/a	Α	100 a
Activator 90	0.25	% v/v	Α	
AMS	8.5	lb/100 gal	Α	
14 Harness		pt/a	Α	99 a
Roundup PowerMax		fl oz/a	Α	

		• • • • • • • • • • • • • • • • • • • •		-,
Pest Name				Velvetleaf
Rating Date				Jun-3-2011
Rating Type				CONTROL
Rating Unit				%
Plant-Eval Interval				28 DP-1
Trt Treatment		Rate	Appl	
No. Name	Rate	Unit	Code	15
15 Verdict	16	fl oz/a	Α	100 a
MSO	1	% v/v	Α	
Roundup PowerMax	22	fl oz/a	Α	
AMS	8.5	lb/100 gal	Α	
LSD (P=.10)				0.8

Ratin	ig Date ig Type			Jun-3-2011 CONTROL	May-23-2011 PHYSTU	May-23-2011 PHYCHL	Jun-3-2011 PHYSTU	Jun-3-2011 PHYCHL
	ig Unit :-Eval Interval			% 28 DP-1	% 17 DP-1	% 17 DP-1	% 28 DP-1	% 28 DP-1
	Name			20 DF-1	Dent corn	Dent corn	Dent corn	Dent corn
Trt	Treatment	Rate	Appl		Done com	Don't com	Bonk com	Done com
No.	Name	Rate Unit	Code	15	1	2	8	9
	Nontreated	rtato Onit	0000	0 c	0 a	0 a	0 a	0 a
	Corvus	5.6 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	atrazine	1 qt/a	Α					
	COC	1 % v/v	Α					
3	Corvus	5.6 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	atrazine	1 qt/a	Α					
	Roundup PowerMax	22 fl oz/a	Α					
	AMS	8.5 lb/100 gal	Α					
4	Corvus	5.6 fl oz/a	A	100 a	0 a	0 a	0 a	0 a
	atrazine	1 qt/a	Α	, , , ,				
	Ignite 280	22 fl oz/a	Α					
	AMS	8.5 lb/100 gal	A					
5	Capreno	3 fl oz/a	A	100 a	0 a	0 a	0 a	0 a
)	COC	1 % v/v	A	100 a	0 a	0 a	0 a	0 a
	AMS	8.5 lb/100 gal						
6	Capreno	3 fl oz/a	A	100 a	0 a	0 a	0 a	0 a
0	atrazine	1 qt/a	A	100 a	0 a	0 a	0 a	0 a
		·						
	COC	1 % v/v	A					
	AMS	8.5 lb/100 gal	A	100				
/	Capreno	4 fl oz/a	A	100 a	0 a	0 a	0 a	0 a
	COC	1 % v/v	A					
	AMS	8.5 lb/100 gal	A	100				
8	Capreno	5 fl oz/a	A	100 a	0 a	0 a	0 a	0 a
	COC	1 % v/v	Α					
	AMS	8.5 lb/100 gal	Α					
9	Capreno	3 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	Ignite 280	22 fl oz/a	Α					
	AMS	8.5 lb/100 gal	Α					
10	Capreno	3 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	Ignite 280	22 fl oz/a	Α					
	Harness	2.1 pt/a	Α					
	AMS	8.5 lb/100 gal	Α					
11	Capreno	3 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	Roundup PowerMax	22 fl oz/a	Α					
	AMS	8.5 lb/100 gal	Α					
12	Capreno	3 fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	Roundup PowerMax	22 fl oz/a	Α					
	Harness	2.1 pt/a	Α					
	AMS	8.5 lb/100 gal	Α					
13	Halex GT	3.8 pt/a	Α	100 a	0 a	0 a	0 a	0 a
	Activator 90	0.25 % v/v	Α					
	AMS	8.5 lb/100 gal	Α					
14	Harness	2.1 pt/a	Α	99 b	0 a	0 a	0 a	0 a
	Roundup PowerMax	22 fl oz/a	Α					

					1				
Ratin	g Date				Jun-3-2011	May-23-2011	May-23-2011	Jun-3-2011	Jun-3-2011
Ratin	g Type				CONTROL	PHYSTU	PHYCHL	PHYSTU	PHYCHL
Ratin	g Unit				%	%	%	%	%
	Eval Interval				28 DP-1	17 DP-1	17 DP-1	28 DP-1	28 DP-1
Crop	Name					Dent corn	Dent corn	Dent corn	Dent corn
Trt	Treatment		Rate	Appl					
No.	Name	Rate	Unit	Code	15	1	2	8	9
15	Verdict	16	fl oz/a	Α	100 a	0 a	0 a	0 a	0 a
	MSO	1	% v/v	Α					
	Roundup PowerMax	22	fl oz/a	Α					
	AMS	8.5	lb/100 gal	Α					
LSD ((P=.10)	•			0.8	0.0	0.0	0.0	0.0

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.

e e e : Interval e trment e reated us cine us cine e dup PowerMax	1 1 5.6	Rate Unit fl oz/a qt/a % v/v fl oz/a	Appl Code A A	May-23-20 CONTRO 17 DP corn speedw 4 0 c 100 a	OL CON % P-1 28 ell corn spec	0 c
Interval et treated us cine	5.6 1 1 5.6	fl oz/a qt/a % v/v	Code	17 DP corn speedw 4 0 c	% 1 28 rell corn spec	90 P-10 P-10 P-10 P-10 P-10 P-10 P-10 P-1
Interval tment e reated us tine is us cine us cine ndup PowerMax	5.6 1 1 5.6	fl oz/a qt/a % v/v	Code	corn speedw 4 0 c	28 corn spec	DP- ² edwel
trment e reated us ine is us cine us cine ndup PowerMax	5.6 1 1 5.6	fl oz/a qt/a % v/v	Code	corn speedw 4 0 c	corn spec	edwel
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reated us ine is us us us ine one ndup PowerMax	5.6 1 1 5.6	fl oz/a qt/a % v/v	Α	0 c		
us ine ; us ine ndup PowerMax	1 1 5.6	qt/a % v/v			10	
tine ; us tine ndup PowerMax	1 1 5.6	qt/a % v/v		100 a		00 a
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us :ine ndup PowerMax	5.6		Α			
ine ndup PowerMax			A	100 a	11	00 a
ndup PowerMax		qt/a	A	100 a		JU a
	22	fl oz/a	A			
		lb/100 gal	A	100 -	4.	00 -
us		fl oz/a	A	100 a	10	00 a
rine		qt/a	A			
e 280		fl oz/a	Α			
		lb/100 gal	Α			
eno		fl oz/a	Α	99 b	9	97 b
;		% v/v	Α			
<u> </u>	8.5	lb/100 gal	Α			
eno		fl oz/a	Α	100 a	10	00 a
rine	1	qt/a	Α			
;	1	% v/v	Α			
	8.5	lb/100 gal	Α			
eno	4	fl oz/a	Α	100 a	10	00 a
;	1	% v/v	Α			
	8.5	lb/100 gal	Α			
eno	5	fl oz/a	Α	100 a	10	00 a
;	1	% v/v	Α			
	8.5	lb/100 gal	Α			
eno	3	fl oz/a	Α	99 al	o 9	99 a
e 280	22	fl oz/a	Α			
	8.5	lb/100 gal	Α			
eno		fl oz/a	Α	100 a	10	00 a
e 280		fl oz/a	Α			
ess	2.1	pt/a	Α			
		lb/100 gal	Α			
eno		fl oz/a	A	100 a	10	00 a
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i	2.1			100 a	10	00 a
e	dup PowerMax eno dup PowerMax ess GT etor 90	dup PowerMax 22 8.5 200 3 200 22 201 22 202 22 203 22 204 22 205 22 206 22 207 22 208 22 209 209 22 209 209 22 209 209 22 209 209 22 209 209 22 209 20 200 200 20 200 200 200 200 200 200 2	dup PowerMax 22 fl oz/a 8.5 lb/100 gal 90 gal 10 gal 10 gal 22 fl oz/a 22 fl oz/a 22 fl oz/a 25 gal 26 gal 3 gal 3 gal 3 gal 4 gal 4 gal 4 gal 5 gal 6 gal 1 gal 2 gal <	dup PowerMax 22 fl oz/a A 8.5 lb/100 gal A 90 or	dup PowerMax 22 fl oz/a A 8.5 lb/100 gal A and 3 fl oz/a A dup PowerMax 22 fl oz/a A ass 2.1 pt/a A 8.5 lb/100 gal A GT 3.8 pt/a A 100 a attor 90 0.25 % v/v A 8.5 lb/100 gal A sss 2.1 pt/a A 100 a	dup PowerMax 22 fl oz/a A 8.5 lb/100 gal A 9 100 a 100

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Ratin	g Date				May-23-2011	Jun-3-2011
Ratin	g Type				CONTROL	CONTROL
Ratin	g Unit				%	%
Plant	-Eval Interval				17 DP-1	28 DP-1
Crop	Name				corn speedwell	corn speedwell
Trt	Treatment		Rate	Appl		
No.	Name	Rate	Unit	Code	4	11
15	Verdict	16	fl oz/a	Α	100 a	100 a
	MSO	1	% v/v	Α		
	Roundup PowerMax	22	fl oz/a	Α		
	AMS	8.5	lb/100 gal	Α		
LSD	(P=.10)				0.9	1.4

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.