

University of Wisconsin-Madison

Preemergence Evaluation: Non-atrazine Programs

Study Director: T. L. Trower **Title:** Senior Outreach Specialist
Investigator: Vince M. Davis
Discipline: H herbicide
Initiation Date: May-6-2011

Trial Location

City: Arlington **Latitude of LL Corner °:** 43.18001 N
State/Prov.: WI **Longitude of LL Corner °:** 89.20292 W
Postal Code: 53911 **Altitude of LL Corner, Unit:** 1100.00 FT
Country: USA

Crop Description

Crop 1: ZEAMD Zea mays indentata Dent corn
Variety: DKC 52-59 **Description:** VT3
BBCH Scale: BCOR **Planting Date:** May-4-2011
Planting Method: SEEDED seeded **Rate, Unit:** 32400 S/A
Depth, Unit: 1.5 IN
Row Spacing, Unit: 30 IN
Seed Bed: COMPAC compacted
Emergence Date: May-17-2011
Harvested Width, Unit: 5 FT **Harvested Length, Unit:** 25 FT

Pest Description

Pest 1 Type: W **Code:** SETFA Setaria faberi
Common Name: Faber's foxtail

Pest 2 Type: W **Code:** CHEAL Chenopodium album
Common Name: Common lambsquarters

Pest 3 Type: W **Code:** AMBEL Ambrosia artemisiifolia
Common Name: Hogweed

Pest 4 Type: W **Code:** ERBVI Eriochloa villosa
Common Name: Woolly cupgrass

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

Pest 6 Type: W **Code:** ABUTH Abutilon theophrasti
Common Name: Velvetleaf

Site and Design

Plot Width, Unit: 10 FT **Site Type:** FIELD field
Plot Length, Unit: 25 FT
Plot Area, Unit: 250 FT2 **Study Design:** RACOB L Randomized Complete Block (RCB)
Replications: 4

Soil Description

Description Name: Plano Silt Loam
% Sand: 9 **% OM:** 3.6 **Texture:** SIL silt loam
% Silt: 68 **pH:** 6 **Soil Name:** Plano
% Clay: 23 **Fert. Level:** F fair
Soil Drainage: E excellent

Application Description

	A	B
Application Date:	May-6-2011	Jun-8-2011
Time of Day:	6:00P	8:30A
Application Method:	Broadcast	Broadcast
Application Timing:	Pre	Post
Application Placement:	Surface	Foliage
Applied By:	T. Trower	T. Trower
Air Temperature, Unit:	66 F	77 F
% Relative Humidity:	37	74
Wind Velocity, Unit:	4 MPH	5 MPH
Wind Direction:	NW	SW
Dew Presence (Y/N):	N	N
Soil Temperature, Unit:	56 F	70 F
Soil Moisture:	DRY/MST	DRY/MST
% Cloud Cover:	50	100

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMD BCOR	ZEAMD BCOR
Stage Scale Used:	BBCH	BBCH
Stage Majority, Percent:	PRE	V4
Height, Unit:		6 IN
Height Minimum, Maximum:		8 10

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	SETFA W	SETFA W
Stage Minimum, Percent:		1 lv
Stage Maximum, Percent:		4 lf
Height, Unit:		3 IN
Height Minimum, Maximum:		1 5
Density, Unit:		11 FT2
Pest 2 Code, Type, Scale:	CHEAL W	CHEAL W
Stage Minimum, Percent:		4 lf
Stage Maximum, Percent:		7 lf
Height, Unit:		1 IN
Height Minimum, Maximum:		0.5 2
Density, Unit:		4 FT2
Pest 3 Code, Type, Scale:	AMBEL W	AMBEL W
Stage Minimum, Percent:		3 lf
Stage Maximum, Percent:		6 lf
Height, Unit:		2 IN
Height Minimum, Maximum:		0.5 3
Density, Unit:		5 FT2
Pest 4 Code, Type, Scale:	ERBVI W	ERBVI W
Stage Minimum, Percent:		3 lf
Stage Maximum, Percent:		4 lf
Height, Unit:		3 IN
Height Minimum, Maximum:		2 6
Density, Unit:		5 FT2
Pest 5 Code, Type, Scale:	AMARE W	AMARE W
Stage Minimum, Percent:		2 lf
Stage Maximum, Percent:		6 lf
Height, Unit:		1 IN
Height Minimum, Maximum:		0.5 1
Density, Unit:		2 FT2
Pest 6 Code, Type, Scale:	ABUTH W	ABUTH W
Stage Minimum, Percent:		2 lf
Stage Maximum, Percent:		4 lf
Height, Unit:		2 IN
Height Minimum, Maximum:		1.5 4
Density, Unit:		2 FT2

Application Equipment

	A	B
Operating Pressure, Unit:	30 PSI	30 PSI
Nozzle Type:	Flat Fan	Flat Fan
Nozzle Size:	XR8003	XR8002
Nozzle Spacing, Unit:	20 IN	20 IN
Boom Length, Unit:	10 FT	10 FT
Boom Height, Unit:	19 IN	19 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	Water	WATER
Spray Volume, Unit:	20 GAL/A	15 GAL/A
Mix Size, Unit:	2.2 Liters	2 Liters
Propellant:	CO2	CO2

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Faber's foxtail Jun-6-2011 CONTROL % 33 DP-1	Faber's foxtail Jun-15-2011 CONTROL % 42 DP-1	Faber's foxtail Jun-27-2011 CONTROL % 54 DP-1	Faber's foxtail Aug-10-2011 CONTROL % 98 DP-1	Faber's foxtail Oct-20-2011 Control % 169 DP-1
Trt No.	Treatment Name	Rate	Unit	Appl Code	2	8	12	17	22
1	Degree Xtra	2.53	lb ai/a	A	92	94	93	93	95
	Balance Flexx	0.078	lb ai/a	A					
	atrazine	0.5	lb ai/a	A					
	Roundup PowerMax	0.773	lb ae/a	A					
	Class Act Next Generation	2.5	% v/v	A					
2	Corvus	0.092	lb ai/a	A	85 a	88 c	89 f	88 b	84 a
	atrazine	0.5	lb ai/a	A					
	Roundup PowerMax	0.773	lb ae/a	A					
	Class Act Next Generation	2.5	% v/v	A					
3	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
4	Roundup PowerMax	0.773	lb ae/a	A	0 b	97 a	97 de	100 a	98 a
	Class Act Next Generation	2.5	% v/v	A					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
5	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	96 e	99 a	99 a
	Class Act Next Generation	2.5	% v/v	A					
	Laudis	0.082	lb ai/a	B					
	DestinyHC	0.5	% v/v	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
6	Roundup PowerMax	0.773	lb ae/a	A	0 b	93 b	98 b-e	99 a	98 a
	Class Act Next Generation	2.5	% v/v	A					
	Lumax	2.96	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
7	Roundup PowerMax	0.773	lb ae/a	A	0 b	97 a	100 ab	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A					
	Halex GT	2.195	lb ai/a	B					
	Class Act Next Generation	2.5	% v/v	B					
8	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	98 a-d	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Warrent	1.125	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
9	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	99 abc	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	0.930	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
10	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	99 ab	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.063	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Faber's foxtail Jun-6-2011 CONTROL % 33 DP-1	Faber's foxtail Jun-15-2011 CONTROL % 42 DP-1	Faber's foxtail Jun-27-2011 CONTROL % 54 DP-1	Faber's foxtail Aug-10-2011 CONTROL % 98 DP-1	Faber's foxtail Oct-20-2011 Control % 169 DP-1
Trt	Treatment	Rate	Unit	Appl					
No.	Name	Rate	Unit	Code	2	8	12	17	22
11	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
12	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	99 abc	99 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	0.930	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
13	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 ab	98 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.063	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
14	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
15	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	97 cde	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	atrazine	0.5	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
LSD (P=.10)					0.9	3.2	1.8	4.0	7.6

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.

Untreated treatment(s) 1 excluded from analysis.

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Common lambsqu> Jun-6-2011 CONTROL % 33 DP-1	Common lambsqu> Jun-15-2011 CONTROL % 42 DP-1	Common lambsqu> Jun-27-2011 CONTROL % 54 DP-1	Common lambsqu> Aug-10-2011 CONTROL % 98 DP-1
Trt	Treatment	Rate	Unit	Appl Code				
No.	Name	Rate	Unit	Code	3	11	14	20
1	Degree Xtra	2.53	lb ai/a	A	100	100	100	100
	Balance Flexx	0.078	lb ai/a	A				
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
2	Corvus	0.092	lb ai/a	A	100 a	100 a	100 a	100 a
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
3	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
4	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
5	Roundup PowerMax	0.773	lb ae/a	A	0 b	97 c	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Laudis	0.082	lb ai/a	B				
	DestinyHC	0.5	% v/v	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
6	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Lumax	2.96	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
7	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Halex GT	2.195	lb ai/a	B				
	Class Act Next Generation	2.5	% v/v	B				
8	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Warrent	1.125	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
9	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
10	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Common lambsqu Oct-20-2011 Control % 169 DP-1
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	24
1	Degree Xtra	2.53	lb ai/a	A	100
	Balance Flexx	0.078	lb ai/a	A	
	atrazine	0.5	lb ai/a	A	
	Roundup PowerMax	0.773	lb ae/a	A	
	Class Act Next Generation	2.5	% v/v	A	
2	Corvus	0.092	lb ai/a	A	100 a
	atrazine	0.5	lb ai/a	A	
	Roundup PowerMax	0.773	lb ae/a	A	
	Class Act Next Generation	2.5	% v/v	A	
3	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Tripleflex	1.549	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
4	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Callisto	0.094	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
5	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Laudis	0.082	lb ai/a	B	
	DestinyHC	0.5	% v/v	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
6	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Lumax	2.96	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
7	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Halex GT	2.195	lb ai/a	B	
	Class Act Next Generation	2.5	% v/v	B	
8	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Warrent	1.125	lb ai/a	B	
	Callisto	0.094	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
9	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Tripleflex	0.930	lb ai/a	B	
	Callisto	0.094	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	
10	Roundup PowerMax	0.773	lb ae/a	A	100 a
	Class Act Next Generation	2.5	% v/v	A	
	Tripleflex	1.063	lb ai/a	B	
	Callisto	0.094	lb ai/a	B	
	Roundup PowerMax	0.773	lb ae/a	B	
	Class Act Next Generation	2.5	% v/v	B	

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Common lambsqu> Jun-6-2011 CONTROL % 33 DP-1	Common lambsqu> Jun-15-2011 CONTROL % 42 DP-1	Common lambsqu> Jun-27-2011 CONTROL % 54 DP-1	Common lambsqu> Aug-10-2011 CONTROL % 98 DP-1
Trt	Treatment	Rate	Unit	Appl				
No.	Name	Rate	Unit	Code	3	11	14	20
11	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 ab	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
12	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 ab	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
13	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 bc	99 b	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
14	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
15	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	atrazine	0.5	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
LSD (P=.10)					0.2	1.8	0.5	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.

Untreated treatment(s) 1 excluded from analysis.

University of Wisconsin-Madison

Pest Name				Common lambsqu
Rating Date				Oct-20-2011
Rating Type				Control
Rating Unit				%
Plant-Eval Interval				169 DP-1
Trt No.	Treatment Name	Rate	Unit	Appl Code
				24
11	Roundup PowerMax	0.773	lb ae/a	A
	Class Act Next Generation	2.5	% v/v	A
	Tripleflex	1.549	lb ai/a	B
	Callisto	0.094	lb ai/a	B
	Roundup PowerMax	0.773	lb ae/a	B
	Class Act Next Generation	2.5	% v/v	B
12	Roundup PowerMax	0.773	lb ae/a	A
	Class Act Next Generation	2.5	% v/v	A
	Tripleflex	0.930	lb ai/a	B
	Laudis	0.055	lb ai/a	B
	Roundup PowerMax	0.773	lb ae/a	B
	DestinyHC	0.5	% v/v	B
	AMS	1	% w/v	B
13	Roundup PowerMax	0.773	lb ae/a	A
	Class Act Next Generation	2.5	% v/v	A
	Tripleflex	1.063	lb ai/a	B
	Laudis	0.055	lb ai/a	B
	Roundup PowerMax	0.773	lb ae/a	B
	DestinyHC	0.5	% v/v	B
	AMS	1	% w/v	B
14	Roundup PowerMax	0.773	lb ae/a	A
	Class Act Next Generation	2.5	% v/v	A
	Tripleflex	1.549	lb ai/a	B
	Laudis	0.055	lb ai/a	B
	Roundup PowerMax	0.773	lb ae/a	B
	DestinyHC	0.5	% v/v	B
	AMS	1	% w/v	B
15	Roundup PowerMax	0.773	lb ae/a	A
	Class Act Next Generation	2.5	% v/v	A
	Tripleflex	1.549	lb ai/a	B
	atrazine	0.5	lb ai/a	B
	Roundup PowerMax	0.773	lb ae/a	B
	Class Act Next Generation	2.5	% v/v	B
LSD (P=.10)				0.0

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval				Velvetleaf Jun-6-2011 CONTROL % 33 DP-1	Velvetleaf Jun-15-2011 CONTROL % 42 DP-1	Velvetleaf Jun-27-2011 CONTROL % 54 DP-1	Velvetleaf Aug-10-2011 CONTROL % 98 DP-1	Velvetleaf Oct-20-2011 Control % 169 DP-1
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code				
1	Degree Xtra	2.53	lb ai/a	A	99	100	100	100
	Balance Flexx	0.078	lb ai/a	A				
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
2	Corvus	0.092	lb ai/a	A	99 a	100 a	100 a	100 a
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
3	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
4	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
5	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Laudis	0.082	lb ai/a	B				
	DestinyHC	0.5	% v/v	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
6	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Lumax	2.96	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
7	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Halex GT	2.195	lb ai/a	B				
	Class Act Next Generation	2.5	% v/v	B				
8	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Warrent	1.125	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
9	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
10	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval				Velvetleaf Jun-6-2011 CONTROL % 33 DP-1	Velvetleaf Jun-15-2011 CONTROL % 42 DP-1	Velvetleaf Jun-27-2011 CONTROL % 54 DP-1	Velvetleaf Aug-10-2011 CONTROL % 98 DP-1	Velvetleaf Oct-20-2011 Control % 169 DP-1
Trt No.	Treatment Name	Rate	Unit	Appl Code				
11	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
12	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
13	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
14	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
15	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	atrazine	0.5	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
LSD (P=.10)					0.6	1.5	0.0	0.2
								0.8

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.

Untreated treatment(s) 1 excluded from analysis.

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval				Hogweed Jun-6-2011 CONTROL % 33 DP-1	Hogweed Jun-15-2011 CONTROL % 42 DP-1	Hogweed Jun-27-2011 CONTROL % 54 DP-1	Hogweed Aug-10-2011 CONTROL % 98 DP-1	Hogweed Oct-20-2011 Control % 169 DP-1
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code				
1	Degree Xtra	2.53	lb ai/a	A	100	100	100	100
	Balance Flexx	0.078	lb ai/a	A				
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
2	Corvus	0.092	lb ai/a	A	100 a	100 a	100 a	100 a
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
3	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
4	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	99 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
5	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Laudis	0.082	lb ai/a	B				
	DestinyHC	0.5	% v/v	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
6	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Lumax	2.96	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
7	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Halex GT	2.195	lb ai/a	B				
	Class Act Next Generation	2.5	% v/v	B				
8	Roundup PowerMax	0.773	lb ae/a	A	0 b	97 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Warrent	1.125	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
9	Roundup PowerMax	0.773	lb ae/a	A	0 b	97 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
10	Roundup PowerMax	0.773	lb ae/a	A	0 b	98 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Hogweed Jun-6-2011 CONTROL %	Hogweed Jun-15-2011 CONTROL %	Hogweed Jun-27-2011 CONTROL %	Hogweed Aug-10-2011 CONTROL %	Hogweed Oct-20-2011 Control %
					33 DP-1	42 DP-1	54 DP-1	98 DP-1	169 DP-1
Trt No.	Treatment Name	Rate	Unit	Appl Code	5	9	16	21	25
11	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
12	Roundup PowerMax	0.773	lb ae/a	A	0 b	100 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	0.930	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
13	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	99 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.063	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
14	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
15	Roundup PowerMax	0.773	lb ae/a	A	0 b	99 a	100 a	99 a	100 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	atrazine	0.5	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
LSD (P=.10)					0.0	2.5	0.7	0.7	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.

Untreated treatment(s) 1 excluded from analysis.

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Woolly cupgrass Jun-15-2011 CONTROL %	Woolly cupgrass Jun-27-2011 CONTROL %	Woolly cupgrass Aug-10-2011 CONTROL %	Woolly cupgrass Oct-20-2011 Control %
					42 DP-1	54 DP-1	98 DP-1	169 DP-1
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	7	13	18	26
1	Degree Xtra	2.53	lb ai/a	A	93	91	86	79
	Balance Flexx	0.078	lb ai/a	A				
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
2	Corvus	0.092	lb ai/a	A	83 b	86 b	79 c	67 c
	atrazine	0.5	lb ai/a	A				
	Roundup PowerMax	0.773	lb ae/a	A				
	Class Act Next Generation	2.5	% v/v	A				
3	Roundup PowerMax	0.773	lb ae/a	A	100 a	100 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
4	Roundup PowerMax	0.773	lb ae/a	A	100 a	100 a	92 b	90 b
	Class Act Next Generation	2.5	% v/v	A				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
5	Roundup PowerMax	0.773	lb ae/a	A	100 a	100 a	96 ab	94 ab
	Class Act Next Generation	2.5	% v/v	A				
	Laudis	0.082	lb ai/a	B				
	DestinyHC	0.5	% v/v	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
6	Roundup PowerMax	0.773	lb ae/a	A	68 c	100 a	99 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Lumax	2.96	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
7	Roundup PowerMax	0.773	lb ae/a	A	97 a	100 a	97 a	98 a
	Class Act Next Generation	2.5	% v/v	A				
	Halex GT	2.195	lb ai/a	B				
	Class Act Next Generation	2.5	% v/v	B				
8	Roundup PowerMax	0.773	lb ae/a	A	97 a	100 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Warrent	1.125	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
9	Roundup PowerMax	0.773	lb ae/a	A	98 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
10	Roundup PowerMax	0.773	lb ae/a	A	100 a	100 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				

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Pest Name Rating Date Rating Type Rating Unit Plant-Eval Interval					Woolly cupgrass Jun-15-2011 CONTROL % 42 DP-1	Woolly cupgrass Jun-27-2011 CONTROL % 54 DP-1	Woolly cupgrass Aug-10-2011 CONTROL % 98 DP-1	Woolly cupgrass Oct-20-2011 Control % 169 DP-1
Trt	Treatment	Rate	Unit	Appl				
No.	Name	Rate	Unit	Code	7	13	18	26
11	Roundup PowerMax	0.773	lb ae/a	A	99 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Callisto	0.094	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
12	Roundup PowerMax	0.773	lb ae/a	A	99 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	0.930	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
13	Roundup PowerMax	0.773	lb ae/a	A	98 a	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.063	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
14	Roundup PowerMax	0.773	lb ae/a	A	98 a	100 a	100 a	99 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	Laudis	0.055	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	DestinyHC	0.5	% v/v	B				
	AMS	1	% w/v	B				
15	Roundup PowerMax	0.773	lb ae/a	A	67 c	100 a	100 a	100 a
	Class Act Next Generation	2.5	% v/v	A				
	Tripleflex	1.549	lb ai/a	B				
	atrazine	0.5	lb ai/a	B				
	Roundup PowerMax	0.773	lb ae/a	B				
	Class Act Next Generation	2.5	% v/v	B				
LSD (P=.10)					8.2	2.0	4.8	7.4

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.

Untreated treatment(s) 1 excluded from analysis.

University of Wisconsin-Madison

Rating Date Rating Type Rating Unit Plant-Eval Interval Crop Name					Jun-6-2011 PHYCHL % 33 DP-1 Dent corn	Jun-15-2011 PHYCHL % 42 DP-1 Dent corn	Oct-20-2011 Moisture % 169 DP-1 Dent corn	Oct-20-2011 Yield Lb 169 DP-1 Dent corn	Oct-20-2011 YIELD BU 169 DP-1 Dent corn
Trt	Treatment	Rate	Appl						
No.	Name	Rate	Unit	Code	1	6	27	28	29
1	Degree Xtra	2.53	lb ai/a	A	0 a	0 a	15 b-e	33 a	205.5 a
	Balance Flexx	0.078	lb ai/a	A					
	atrazine	0.5	lb ai/a	A					
	Roundup PowerMax	0.773	lb ae/a	A					
	Class Act Next Generation	2.5	% v/v	A					
2	Corvus	0.092	lb ai/a	A	0 a	0 a	14 e	31 a	196.1 a
	atrazine	0.5	lb ai/a	A					
	Roundup PowerMax	0.773	lb ae/a	A					
	Class Act Next Generation	2.5	% v/v	A					
3	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	16 bcd	33 a	202.6 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
4	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 cde	32 a	202.8 a
	Class Act Next Generation	2.5	% v/v	A					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
5	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 bcd	34 a	208.8 a
	Class Act Next Generation	2.5	% v/v	A					
	Laudis	0.082	lb ai/a	B					
	DestinyHC	0.5	% v/v	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
6	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 b-e	31 a	196.1 a
	Class Act Next Generation	2.5	% v/v	A					
	Lumax	2.96	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
7	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 b-e	33 a	203.7 a
	Class Act Next Generation	2.5	% v/v	A					
	Halex GT	2.195	lb ai/a	B					
	Class Act Next Generation	2.5	% v/v	B					
8	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	14 de	33 a	204.9 a
	Class Act Next Generation	2.5	% v/v	A					
	Warrent	1.125	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
9	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	16 bcd	34 a	211.7 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	0.930	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
10	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 bcd	33 a	203.3 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.063	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					

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Rating Date Rating Type Rating Unit Plant-Eval Interval Crop Name					Jun-6-2011 PHYCHL % 33 DP-1 Dent corn	Jun-15-2011 PHYCHL % 42 DP-1 Dent corn	Oct-20-2011 Moisture % 169 DP-1 Dent corn	Oct-20-2011 Yield Lb 169 DP-1 Dent corn	Oct-20-2011 YIELD BU 169 DP-1 Dent corn
Trt No.	Treatment Name	Rate	Unit	Appl Code	1	6	27	28	29
11	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 bcd	35 a	217.9 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Callisto	0.094	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
12	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	16 bc	35 a	219.9 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	0.930	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
13	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	15 b-e	35 a	220.7 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.063	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
14	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	17 a	36 a	222.8 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	Laudis	0.055	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	DestinyHC	0.5	% v/v	B					
	AMS	1	% w/v	B					
15	Roundup PowerMax	0.773	lb ae/a	A	0 a	0 a	16 b	33 a	206.1 a
	Class Act Next Generation	2.5	% v/v	A					
	Tripleflex	1.549	lb ai/a	B					
	atrazine	0.5	lb ai/a	B					
	Roundup PowerMax	0.773	lb ae/a	B					
	Class Act Next Generation	2.5	% v/v	B					
LSD (P=.10)					0.2	0.2	1.1	4.7	28.28

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.