Sequential Herbicide Evaluation: 2,4-D

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

Investigator: Vince M. Davis Discipline: H herbicide Initiation Date: May-6-2011

Trial Location

Latitude of LL Corner °: 43.17996 City: Arlington Ν Longitude of LL Corner °: 89.20374 State/Prov.: WI W Postal Code: 53911 Altitude of LL Corner, Unit: 1074.00

Country: USA

Crop Description

ZEAMD Crop 1: 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: 324000 S/A Depth, Unit: 1.5 IN

Row Spacing, Unit: 30 Spacing Within Row, Unit: 3 IN

IN Seed Bed: SMOOTH smooth

Soil Moisture: MST Emergence Date: May-16-2011

Pest Description

Code: CHEAL Pest 1 Type: Chenopodium album

Common Name: Common lambsquarters

Pest 2 Type: W Code: SETFA Setaria faberi

Common Name: Giant foxtailr's foxtail

Pest 3 Type: W Code: AMARE Amaranthus retroflexus

Common Name: Redroot pigweed

Pest 4 Type: W Code: PANMI Panicum miliaceum

Common Name: Wild proso millet

Pest 5 Type: W Code: ABUTH Abutilon theophrasti

Common Name: Velvetleaf

Site and Design

Plot Width, Unit: 10 Site Type: CROP FT

Plot Length, Unit: 25

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

Replications: 4

Soil Description

Description Name: Plano Silt Loam

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

Application Description

Application Description			
	Α	В	С
Application Date:	May-6-2011	Jun-6-2011	Jun-14-2011
Time of Day:	7:00P	1:30PM	11:00am
Application Method:	Broadcast	Broadcast	Broadcast
Application Timing:	PRE	V2	V4
Application Placement:	Surface	Foliage	Foliage
Applied By:	T. Trower	T. Trower	T. Trower
Air Temperature, Unit:	66 F	96 F	76 F
% Relative Humidity:	37	40	39
Wind Velocity, Unit:	4 MPH	9 MPH	7 MPH
Wind Direction:	NW	SW	ESE
Soil Temperature, Unit:	56 F	98 F	88 F
Soil Moisture:	DRY/ MOIST	DRY	DRY/MST
% Cloud Cover:	50	100	75

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:	PRE	V3	V4-V5
Height, Unit:		5 IN	9 IN
Height Minimum, Maximum:		4 4	8 9

Pest Stage At Each Application

Pest Stage At Each Application						
	Α		E	3	(3
Pest 1 Code, Type, Scale:	CHEAL	W	CHEA	L W	CHEA	L W
Stage Majority, Percent:	Pre					
Stage Minimum, Percent:			2 lvs		5 lvs	
Stage Maximum, Percent:			5 lvs		8 lvs	
Height, Unit:			2	IN	2	IN
Height Minimum, Maximum:			0.5	3	2	3
Density, Unit:			7	FT2	4	FT2
Pest 2 Code, Type, Scale:	SETFA	W	SETF/	A W	SETF	W A
Stage Majority, Percent:	Pre					
Stage Minimum, Percent:			2 lvs			
Stage Maximum, Percent:			4 lvs			
Height, Unit:			4	IN		
Height Minimum, Maximum:			3	7		
Density, Unit:			9	FT2		
Pest 3 Code, Type, Scale:	AMARE	W	AMAR	E W	AMAR	E W
Stage Majority, Percent:	Pre					
Stage Minimum, Percent:			2 lvs			
Stage Maximum, Percent:			5 lvs			
Height, Unit:			0.5	IN		
Height Minimum, Maximum:			0.5	1		
Density, Unit:			3	FT2		
Pest 4 Code, Type, Scale:	PANMI	W	PANM	I W	PANM	I W
Stage Majority, Percent:	Pre					
Stage Minimum, Percent:			2 lvs		5 lvs	
Stage Maximum, Percent:			5 lvs		7 lvs	
Height, Unit:			3	IN	6	IN
Height Minimum, Maximum:			1	6	6	9
Density, Unit:			11	FT2	8	FT2
Pest 5 Code, Type, Scale:	ABUTH	W	ABUTI	H W	ABUT	H W
Stage Minimum, Percent:			2 lvs		3 lvs	
Stage Maximum, Percent:			3		4 lvs	
Height, Unit:			0.5	IN	2	IN
Height Minimum, Maximum:					2	3
Density, Unit:			2	FT2	1	FT2

Application Equipment

		Α			В			С
Operating Pressure, Unit:	30		PSI	30		PSI	30	PSI
Nozzle Type:	Flat	Fan		Flat	Fan		Flat	Fan
Nozzle Size:	XR 8003			XR 8	3003		XR 8	3002
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		Water		WATER		
Spray Volume, Unit:	20			20			15	
Spray volume, om.	GAL	_/A		GAL/A			GAL/A	
Mix Size, Unit:	2.2	Lite	ers	2.2	Lite	ers	2	Liters
Propellant:	CO2	2		CO2)		CO2	

	Name			Giant foxtail	Faber's foxtail	Faber's foxtail	Giant foxtail	Faber's foxtail	Faber's foxtail
	g Date			May-31-2011	Jun-10-2011	Jun-14-2011	Jun-27-2011	Jul-21-2011	Aug-10-2011
	g Type			Control	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	g Unit -Eval Interval			% 27 DP-1	% 37 DP-1	% 41 DP-1	% 54 DP-1	% 78 DP-1	% 98 DP-1
	Treatment	Rate	Appl	2. 2	0, 2, 1	11 21 1	0.12.	7021	00 21 1
No.	Name	Rate Unit	Code	3	8	16	23	31	39
1	SureStart	1.75 pt/a	Α	95 a	98 ab	98 b	99 abc	100 a	98 ab
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
2	SureStart	1.75 pt/a	Α	95 a	98 b	99 ab	100 ab	99 a	98 b
	GF-2726	56 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
3	Corvus	5.6 fl oz/a	Α	93 a	98 ab	99 ab	100 a	100 a	100 ab
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
4	Verdict	15 fl oz/a	Α	93 a	99 a	99 ab	99 ab	100 a	99 ab
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
5	Lumax	2.5 qt/a	Α	94 a	99 a	100 a	99 abc	100 a	100 a
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
6	SureStart	1.75 pt/a	Α	87 a	99 ab	100 a	99 abc	100 a	98 ab
	Durango DMA	24 fl oz/a	В						
	N-Pak	2.5 % v/v	В						
7	SureStart	1.75 pt/a	Α	94 a	99 a	100 a	100 a	100 a	99 ab
	GF-2726	56 fl oz/a	В						
	N-Pak	2.5 % v/v	В						
8	Corvus	5.6 fl oz/a	Α	84 a	99 ab	100 a	99 abc	100 a	99 ab
	Durango DMA	24 fl oz/a	В						
	N-Pak	2.5 % v/v	В						
9	Dual II Magnum	1.37 pt/a	В	0 с	0 c	92 d	100 a	100 a	99 ab
	atrazine	1.5 qt/a	В						
	Durango DMA	24 fl oz/a	В						
	N-Pak	2.5 % v/v	В						
10	Halex GT	4 pt/a	В	0 с	0 c	96 c	100 a	100 a	99 ab
	Activator 90	0.25 % v/v	В						
	N-Pak	2.5 % v/v	В						
11	SureStart	1.75 pt/a	С	0 с	0 c	0 e	96 cd	96 b	99 ab
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
12	SureStart	1.75 pt/a	С	0 с	0 с	0 e	99 abc	95 b	98 ab
	GF-2726	56 fl oz/a	С						
	N-Pak		С						
13	Dual II Magnum	1.37 pt/a	С	0 c	0 с	0 e	95 d	99 a	99 ab
	atrazine	1.5 qt/a	С						
	Durango DMA	24 fl oz/a	С						
	N-Pak	2.5 % v/v	С						
14	Halex GT	4 pt/a	С	22 b	0 с	0 e	89 e	92 c	93 c
	Activator 90	0.25 % v/v	С						
	N-Pak	2.5 % v/v	С						
15	Durango DMA	24 fl oz/a	С	0 с	0 с	0 e	97 bcd	96 b	95 c
	N-Pak	2.5 % v/v	С						
16	GF-2726		С	0 c	0 c	0 e	97 a-d	94 bc	95 c
	N-Pak	2.5 % v/v	С						
17	Nontreated			0	0	0	0	0	0

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Pest Name				Giant foxtail	Faber's foxtail	Faber's foxtail	Giant foxtail	Faber's foxtail	Faber's foxtail
Rating Date			ļ	May-31-2011	Jun-10-2011	Jun-14-2011	Jun-27-2011	Jul-21-2011	Aug-10-2011
Rating Type			ļ	Control	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit			ļ	%	%	%	%	%	%
Plant-Eval Interval				27 DP-1	37 DP-1	41 DP-1	54 DP-1	78 DP-1	98 DP-1
Trt Treatment		Rate	Appl						
No. Name	Rate	Unit	Code	3	8	16	23	31	39
18 Nontreated				0	0	0	0	0	0
LSD (P=.10)				13.8	1.4	1.7	3.0	2.6	2.0

Pest Name			Common lambsqu>	Common lambsqu>	Common lambsqu> Jun-14-2011	Common lambsqu> Jun-27-2011
Rating Date Rating Type			May-31-2011 Control	CONTROL	CONTROL	CONTROL
Rating Unit			%	%	%	%
Plant-Eval Interval			27 DP-1	37 DP-1	41 DP-1	54 DP-1
Trt Treatment	Rate	Appl				
No. Name	Rate Unit	Code	4	11	17	26
1 SureStart	1.75 pt/a	Α	100 a	99 b	99 a	100 a
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
2 SureStart	1.75 pt/a	Α	100 a	99 b	99 a	100 a
GF-2726	56 fl oz/a	С				
N-Pak	2.5 % v/v	С				
3 Corvus	5.6 fl oz/a	Α	100 a	99 ab	100 a	100 a
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
4 Verdict	15 fl oz/a	Α	100 a	99 ab	100 a	100 a
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
5 Lumax	2.5 qt/a	Α	100 a	99 ab	100 a	100 a
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
6 SureStart	1.75 pt/a	Α	100 a	99 b	100 a	100 a
Durango DMA	24 fl oz/a	В				
N-Pak	2.5 % v/v	В				
7 SureStart	1.75 pt/a	Α	100 a	100 a	100 a	100 a
GF-2726	56 fl oz/a	В				
N-Pak	2.5 % v/v	В				
8 Corvus	5.6 fl oz/a	Α	100 a	100 ab	100 a	100 a
Durango DMA	24 fl oz/a	В				
N-Pak	2.5 % v/v	В				
9 Dual II Magnum	1.37 pt/a	В	0 b	0 c	94 b	100 a
atrazine	1.5 qt/a	В				
Durango DMA	24 fl oz/a	В				
N-Pak	2.5 % v/v	В				
10 Halex GT	4 pt/a	В	0 b	0 c	75 c	100 a
Activator 90	0.25 % v/v	В				
N-Pak	2.5 % v/v	В				
11 SureStart	1.75 pt/a	С	0 b	0 c	0 d	91 cd
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
12 SureStart	1.75 pt/a	С	0 b	0 c	0 d	96 ab
GF-2726		С				
N-Pak	2.5 % v/v	С				
13 Dual II Magnum	1.37 pt/a	С	0 b	0 c	0 d	96 ab
atrazine	1.5 qt/a	С				
Durango DMA	24 fl oz/a	С				
N-Pak	2.5 % v/v	С				
14 Halex GT	4 pt/a	C	0 b	0 c	0 d	90 cd
Activator 90	0.25 % v/v	С				
N-Pak	2.5 % v/v	С				
15 Durango DMA	24 fl oz/a	C	0 b	0 c	0 d	88 d
N-Pak	2.5 % v/v	Ċ				
16 GF-2726	56 fl oz/a	С	0 b	0 c	0 d	93 bc
N-Pak	2.5 % v/v	С				
17 Nontreated			0	0	0	0

			OHIIV	ersity of wis	
	Name			Common lambsqu>	Common lambsqu:
,	g Date			Jul-21-2011	Aug-10-201
	g Type g Unit			CONTROL %	CONTROI %
	Eval Interval			78 DP-1	98 DP-
Trt	Treatment	Rate	Appl	70 21 1	00 5.
No.	Name	Rate Unit	Code	33	40
_	SureStart	1.75 pt/a	A	98 a	100 a
	Durango DMA	24 fl oz/a	С		
	N-Pak	2.5 % v/v	С		
2	SureStart	1.75 pt/a	A	98 a	100 a
_	GF-2726	56 floz/a	C	00 4	.00 a
	N-Pak	2.5 % v/v	С		
3	Corvus	5.6 fl oz/a	A	100 a	100 a
Ŭ	Durango DMA	24 fl oz/a	C	100 a	100 a
	N-Pak	2.5 % v/v	C		
1	Verdict	15 fl oz/a	A	99 a	100 a
7	Durango DMA	24 fl oz/a	C	55 a	100 α
	N-Pak	2.5 % v/v	C		
	Lumax	2.5 % v/v 2.5 qt/a	A	100 a	100 a
5	Durango DMA	2.5 qt/a 24 fl oz/a	C	100 a	100 a
	ū		C		
	N-Pak	2.5 % v/v		400 -	400 -
6	SureStart	1.75 pt/a	A	100 a	100 a
	Durango DMA	24 fl oz/a	В		
	N-Pak	2.5 % v/v	В	100	
1	SureStart	1.75 pt/a	A	100 a	100 a
	GF-2726	56 fl oz/a	В		
	N-Pak	2.5 % v/v	В		
8	Corvus	5.6 fl oz/a	A	100 a	100 a
	Durango DMA	24 fl oz/a	В		
	N-Pak	2.5 % v/v	В		
9	Dual II Magnum	1.37 pt/a	В	100 a	100 a
	atrazine	1.5 qt/a	В		
	Durango DMA	24 fl oz/a	В		
	N-Pak	2.5 % v/v	В		
10	Halex GT	4 pt/a	В	96 a	100 a
	Activator 90	0.25 % v/v	В		
	N-Pak	2.5 % v/v	В		
11	SureStart	1.75 pt/a	С	82 b	98 b
	Durango DMA	24 fl oz/a	С		
	N-Pak	2.5 % v/v	С		
12	SureStart	1.75 pt/a	С	96 a	100 a
	GF-2726	56 fl oz/a	С		
	N-Pak	2.5 % v/v	С		
13	Dual II Magnum	1.37 pt/a	С	96 a	100 a
	atrazine	1.5 qt/a	C		
	Durango DMA	24 fl oz/a	C		
	N-Pak	2.5 % v/v	C		
14	Halex GT	4 pt/a	C	96 a	96 c
	Activator 90	0.25 % v/v	C	30 u	00 0
	N-Pak	2.5 % v/v	C		
15	Durango DMA	2.5 % v/v 24 fl oz/a	C	86 b	OF a
13	N-Pak	24 11 02/a 2.5 % v/v	C	ου υ	95 c
16	GF-2726	2.5 % v/v 56 fl oz/a	C	98 a	100 a
10	N-Pak	2.5 % v/v	C	90 a	100 a
	Nontreated	2.0 /0 V/V	U	0	0

		,			
Pest Name	Common lambsqu>				
Rating Date	May-31-2011	Jun-10-2011	Jun-14-2011	Jun-27-2011	Jul-21-2011
Rating Type	Control	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Plant-Eval Interval	27 DP-1	37 DP-1	41 DP-1	54 DP-1	78 DP-1
Trt Treatment Rate Appl					
No. Name Rate Unit Code	4	11	17	26	33
18 Nontreated	0	0	0	0	0
LSD (P=.10)	0.0	1.4	3.5	4.1	4.8

Ratin Ratin	Name g Date g Type			Velvetleaf May-31-2011 Control	Velvetleaf Jun-10-2011 CONTROL	Velvetleaf Jun-14-2011 CONTROL	Velvetleaf Jun-27-2011 CONTROL	Velvetleaf Jul-21-2011 CONTROL	Velvetleaf Aug-10-2011 CONTROL
	g Unit -Eval Interval			% 27 DP-1	% 37 DP-1	% 41 DP-1	% 54 DP-1	% 78 DP-1	% 98 DP-1
Trt No.	Treatment Name SureStart Durango DMA	Rate Unit 1.75 pt/a 24 fl oz/a	Appl Code A C	5 92 c	10 74 c	18 30 c	24 100 a	35 98 a	42 100 a
	N-Pak	2.5 % v/v	С						
2	SureStart GF-2726 N-Pak	1.75 pt/a 56 fl oz/a	A C C	92 c	75 c	79 b	100 a	99 a	99 b
3	Corvus Durango DMA	2.5 % v/v 5.6 fl oz/a 24 fl oz/a	A C	95 abc	98 a	100 a	100 a	100 a	100 a
4	N-Pak Verdict	2.5 % v/v 15 fl oz/a	C A	97 ab	97 a	97 a	100 a	100 a	100 a
	Durango DMA N-Pak	24 fl oz/a 2.5 % v/v	C C	37 db	37 u	37 d	100 u	100 a	100 u
5	Lumax Durango DMA N-Pak	2.5 qt/a 24 fl oz/a 2.5 % v/v	A C C	98 a	99 a	99 a	100 a	100 a	100 ab
6	SureStart Durango DMA N-Pak	1.75 pt/a 24 fl oz/a 2.5 % v/v	A B B	87 d	69 c	100 a	100 a	100 a	100 ab
7	SureStart GF-2726 N-Pak	1.75 pt/a 56 fl oz/a 2.5 % v/v	A B B	92 c	83 b	100 a	100 a	100 a	100 a
8	Corvus Durango DMA N-Pak	5.6 fl oz/a 24 fl oz/a 2.5 % v/v	A B B	94 bc	99 a	100 a	100 a	100 a	100 a
9	Dual II Magnum atrazine Durango DMA N-Pak	1.37 pt/a 1.5 qt/a 24 fl oz/a 2.5 % v/v	B B B	0 e	0 d	100 a	100 a	100 a	100 a
10	Halex GT Activator 90 N-Pak	4 pt/a 0.25 % v/v 2.5 % v/v	B B B	0 e	0 d	100 a	100 a	100 a	100 a
11	SureStart Durango DMA N-Pak	1.75 pt/a 24 fl oz/a 2.5 % v/v	C C C	0 e	0 d	0 d	100 a	77 a	100 ab
12	SureStart GF-2726 N-Pak	1.75 pt/a 56 fl oz/a 2.5 % v/v	C C	0 e	0 d	0 d	100 a	97 a	100 a
13	Dual II Magnum atrazine Durango DMA	1.37 pt/a 1.5 qt/a 24 fl oz/a	C C	0 e	0 d	0 d	100 a	100 a	100 a
14	N-Pak Halex GT Activator 90 N-Pak	2.5 % v/v 4 pt/a 0.25 % v/v 2.5 % v/v	C C C	0 e	0 d	0 d	99 a	100 a	100 ab
	Durango DMA N-Pak	24 fl oz/a 2.5 % v/v	C C	0 e	0 d	0 d	100 a	99 a	99 c
16	GF-2726 N-Pak	56 fl oz/a 2.5 % v/v	C C	0 e	0 d	0 d	100 a	100 a	100 a
17	Nontreated			0	0	0	0	0	0

Pest Name				Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf	Velvetleaf
Rating Date				May-31-2011	Jun-10-2011	Jun-14-2011	Jun-27-2011	Jul-21-2011	Aug-10-2011
Rating Type				Control	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%	%	%	%
Plant-Eval Interval				27 DP-1	37 DP-1	41 DP-1	54 DP-1	78 DP-1	98 DP-1
Trt Treatment		Rate	Appl						
No. Name	Rate	Unit	Code	5	10	18	24	35	42
18 Nontreated				0	0	0	0	0	0
LSD (P=.10)				3.9	7.9	12.1	0.5	13.3	0.6

Ratin Ratin	Name g Date g Type g Unit			Common ragweed May-31-2011 Control %	Common ragweed Jun-10-2011 CONTROL %	Hogweed Jun-14-2011 CONTROL %	Common ragweed Jun-27-2011 CONTROL %	Hogweed Jul-21-2011 CONTROL %
	Eval Interval			27 DP-1	37 DP-1	41 DP-1	54 DP-1	78 DP-1
Trt No.	Treatment Name SureStart Durango DMA	Rate Unit 1.75 pt/a 24 fl oz/a	Appl Code A C	6 100 a	12 100 a	19 100 a	25 100 a	34 99 a
	N-Pak	24 11 02/a 2.5 % v/v	C					
2	SureStart	1.75 pt/a	A	100 a	100 a	100 a	100 a	100 a
_	GF-2726	56 fl oz/a	C	100 a	100 u	100 u	100 u	100 a
	N-Pak	2.5 % v/v	C					
3	Corvus	5.6 fl oz/a	A	100 a	100 a	100 a	100 a	100 a
	Durango DMA	24 fl oz/a	С					
	N-Pak	2.5 % v/v	С					
4	Verdict	15 fl oz/a	Α	100 a	100 a	100 a	100 a	100 a
	Durango DMA	24 fl oz/a	С					
	N-Pak	2.5 % v/v	С					
5	Lumax	2.5 qt/a	Α	100 a	100 a	100 a	100 a	100 a
	Durango DMA	24 fl oz/a	С					
	N-Pak	2.5 % v/v	С					
6	SureStart	1.75 pt/a	A	100 a	100 a	100 a	100 a	100 a
	Durango DMA	24 fl oz/a	В					
	N-Pak	2.5 % v/v	В	400 -	400 -	100 -	100 a	100 -
/	SureStart GF-2726	1.75 pt/a 56 fl oz/a	A B	100 a	100 a	100 a	100 a	100 a
	N-Pak	2.5 % v/v	В					
Ω	Corvus	5.6 fl oz/a	A	100 a	100 a	100 a	100 a	100 a
0	Durango DMA	24 fl oz/a	В	100 a	100 a	100 a	100 a	100 a
	N-Pak	2.5 % v/v	В					
9	Dual II Magnum	1.37 pt/a	В	0 b	0 b	100 a	100 a	100 a
	atrazine	1.5 qt/a	В					
	Durango DMA	24 fl oz/a	В					
	N-Pak	2.5 % v/v	В					
10	Halex GT	4 pt/a	В	0 b	0 b	100 a	100 a	98 a
	Activator 90	0.25 % v/v	В					
	N-Pak	2.5 % v/v	В					
11	SureStart	1.75 pt/a	С	0 b	0 b	0 b	100 a	100 a
	Durango DMA	24 fl oz/a	С					
	N-Pak	2.5 % v/v	С					
12	SureStart	1.75 pt/a	С	0 b	0 b	0 b	100 a	100 a
	GF-2726	56 fl oz/a	С					
40	N-Pak	2.5 % v/v	С	0.1	0.1	0.1	400 -	100 -
13	Dual II Magnum	1.37 pt/a	C	0 b	0 b	0 b	100 a	100 a
	atrazine	1.5 qt/a	С					
	Durango DMA	24 fl oz/a	С					
1.4	N-Pak Halex GT	2.5 % v/v	С	0 h	0 h	0 b	100 0	00.0
14	Activator 90	4 pt/a 0.25 % v/v	C C	0 b	0 b	u u	100 a	99 a
	N-Pak	2.5 % v/v	С					
15	Durango DMA	2.5 % v/v 24 fl oz/a	C	0 b	0 b	0 b	100 a	96 a
13	N-Pak	2.5 % v/v	C	0.5	0.5	0.5	100 a	30 a
16	GF-2726	56 fl oz/a	C	0 b	0 b	0 b	100 a	99 a
.5	N-Pak	2.5 % v/v	Č				.55 4	
17	Nontreated			0	0	0	0	0

				OHIIV	ersity of w
	Name				Common ragweed
	g Date				Aug-10-2011
	g Type g Unit				CONTROL %
	g Offit -Eval Interval				98 DP-1
Trt	Treatment		Rate	Appl	30 DF-1
No.	Name	Rate	Unit	Code	44
		1.75		A	100 a
'	Durango DMA		fl oz/a	C	100 u
	N-Pak		% v/v	C	
2	SureStart	1.75		A	100 a
	GF-2726		fl oz/a	C	100 a
	N-Pak		% v/v	C	
2	Corvus		fl oz/a	A	100 a
3			fl oz/a	C	100 a
	Durango DMA N-Pak			C	
1			% v/v	A	100 0
4	Verdict		fl oz/a		100 a
	Durango DMA		fl oz/a	С	
	N-Pak		% v/v	C	100
5	Lumax		qt/a	A	100 a
	Durango DMA		fl oz/a	С	
	N-Pak	_	% v/v	С	
6	SureStart	1.75	•	Α	100 a
	Durango DMA	24	fl oz/a	В	
	N-Pak	2.5	% v/v	В	
7	SureStart	1.75	pt/a	Α	100 a
	GF-2726	56	fl oz/a	В	
	N-Pak	2.5	% v/v	В	
8	Corvus	5.6	fl oz/a	Α	100 a
	Durango DMA	24	fl oz/a	В	
	N-Pak	2.5	% v/v	В	
9	Dual II Magnum	1.37	pt/a	В	100 a
	atrazine		qt/a	В	
	Durango DMA		fl oz/a	В	
	N-Pak		% v/v	В	
10	Halex GT		pt/a	В	99 a
10	Activator 90		% v/v	В	55 d
	N-Pak		% v/v	В	
11	SureStart	1.75		С	100 a
11	Durango DMA		fl oz/a	C	100 a
	· ·			C	
40	N-Pak	4 75	% v/v	_	100 -
12	SureStart		pt/a	C	100 a
	GF-2726		fl oz/a	С	
	N-Pak		% v/v	С	
13	Dual II Magnum		pt/a	С	100 a
	atrazine		qt/a	С	
	Durango DMA		fl oz/a	С	
	N-Pak		% v/v	С	
14	Halex GT		pt/a	С	98 a
	Activator 90	0.25	% v/v	С	
	N-Pak	2.5	% v/v	С	
15	Durango DMA	24	fl oz/a	С	97 a
	N-Pak	2.5	% v/v	С	
16	GF-2726	56	fl oz/a	С	98 a
1	N-Pak		% v/v	Ċ	

Pest Name				Common ragweed	Common ragweed	Hogweed	Common ragweed	Hogweed					
Rating Date				May-31-2011	Jun-10-2011	Jun-14-2011	Jun-27-2011	Jul-21-2011					
Rating Type				Control	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit				%	%	%	%	%					
Plant-Eval Interval				27 DP-1	37 DP-1	41 DP-1	54 DP-1	78 DP-1					
Trt Treatment		Rate	Appl										
No. Name	Rate	Unit	Code	6	12	19	25	34					
18 Nontreated				0	0	0	0	0					
LSD (P=.10)				0.0	0.0	0.0	0.1	2.7					

				•				
Pest Name				Common ragwee				
Rating Date	Rating Date							
Rating Type	CONTRO							
Rating Unit	9							
Plant-Eval Int	98 DP-1							
Trt Treatm	ent	Rate	Appl					
No. Name	Rate	e Unit	Code	44				
18 Nontrea	ated			0				
LSD (P=.10)	LSD (P=.10)							

Pest Name Rating Date Rating Type Rating Unit			Wild proso mil> Jun-10-2011 CONTROL %	Wild proso mil> Jul-21-2011 CONTROL %	Proso mille Aug-10-2011 CONTROL
Plant-Eval Interval			37 DP-1	78 DP-1	98 DP-1
Trt Treatment	Rate	Appl			
No. Name	Rate Unit	Code	9	32	43
1 SureStart	1.75 pt/a	Α	87 a	100 a	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
2 SureStart	1.75 pt/a	Α	83 a	99 ab	99 a
GF-2726	56 fl oz/a	С			
N-Pak	2.5 % v/v	С			
3 Corvus	5.6 fl oz/a	Α	82 a	99 ab	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
4 Verdict	15 fl oz/a	Α	84 a	97 abc	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
5 Lumax	2.5 qt/a	Α	79 a	98 ab	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
6 SureStart	1.75 pt/a	Α	79 a	100 a	99 a
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В			
7 SureStart	1.75 pt/a	Α	87 a	100 a	98 a
GF-2726	56 fl oz/a	В			
N-Pak	2.5 % v/v	В			
8 Corvus	5.6 fl oz/a	Α	84 a	100 a	99 a
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В			
9 Dual II Magnum	1.37 pt/a	В	0 b	100 a	100 a
atrazine	1.5 qt/a	В			
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В			
10 Halex GT	4 pt/a	В	0 b	100 a	100 a
Activator 90	0.25 % v/v	В			
N-Pak	2.5 % v/v	В			
11 SureStart	1.75 pt/a	С	0 b	90 de	99 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
12 SureStart	1.75 pt/a	С	0 b	90 de	99 a
GF-2726	56 fl oz/a	С			
N-Pak	2.5 % v/v	С			
13 Dual II Magnum	1.37 pt/a	С	0 b	96 abc	99 a
atrazine	1.5 qt/a	С			
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
14 Halex GT	4 pt/a	С	0 b	95 bc	94 a
Activator 90	0.25 % v/v	С			
N-Pak	2.5 % v/v	С			
15 Durango DMA	24 fl oz/a	С	0 b	93 cd	96 a
N-Pak	2.5 % v/v	С			
16 GF-2726	56 fl oz/a	С	0 b	88 e	97 a
N-Pak	2.5 % v/v	С			
17 Nontreated			0	0	0

Pest Name				Wild proso mil>	Wild proso mil>	Proso millet
Rating Date				Jun-10-2011	Jul-21-2011	Aug-10-2011
Rating Type				CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%
Plant-Eval Interval				37 DP-1	78 DP-1	98 DP-1
Trt Treatment		Rate	Appl			
No. Name	Rate	Unit	Code	9	32	43
18 Nontreated				0	0	0
LSD (P=.10)				10.7	4.3	3.1

	,		ersity or	AAI2COII	SIII-IVIAU
Pest Name			Fall panicum	Ladysthumb	Ladysthumb
Rating Date Rating Type			Jun-14-2011 CONTROL	Jul-21-2011 CONTROL	Aug-10-2011 CONTROL
Rating Unit			CONTROL %	%	%
Plant-Eval Interval			41 DP-1	78 DP-1	98 DP-1
Trt Treatment	Rate	Appl			
No. Name	Rate Unit	Code	20	36	41
1 SureStart	1.75 pt/a	A	85 bc	98 a	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С	77 - 1	400 -	400 -
2 SureStart	1.75 pt/a 56 fl oz/a	A C	77 cd	100 a	100 a
GF-2726 N-Pak	2.5 % v/v	C			
3 Corvus	5.6 fl oz/a	A	71 d	100 a	100 a
Durango DMA	24 fl oz/a	Ĉ	/	100 a	100 a
N-Pak	2.5 % v/v	С			
4 Verdict	15 fl oz/a	A	72 cd	99 a	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
5 Lumax	2.5 qt/a	Α	84 bcd	100 a	100 a
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
6 SureStart	1.75 pt/a	Α	100 a	100 a	100 a
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В			
7 SureStart	1.75 pt/a	Α	100 a	100 a	100 a
GF-2726	56 fl oz/a	В			
N-Pak	2.5 % v/v	В			
8 Corvus	5.6 fl oz/a	A	100 a	100 a	100 a
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В	05 ah	100 -	100 -
 9 Dual II Magnum atrazine 	1.37 pt/a 1.5 qt/a	B B	95 ab	100 a	100 a
Durango DMA	24 fl oz/a	В			
N-Pak	2.5 % v/v	В			
10 Halex GT	2.5 % v/v 4 pt/a	В	98 ab	99 a	100 a
Activator 90	0.25 % v/v	В	30 db	55 u	100 a
N-Pak	2.5 % v/v	В			
11 SureStart	1.75 pt/a	C	0 e	96 ab	100 ab
Durango DMA	24 fl oz/a	C			
N-Pak	2.5 % v/v	С			
12 SureStart	1.75 pt/a	С	0 e	99 a	100 a
GF-2726	56 fl oz/a	С			
N-Pak	2.5 % v/v	С			
13 Dual II Magnum	1.37 pt/a	С	0 e	90 c	100 a
atrazine	1.5 qt/a	С			
Durango DMA	24 fl oz/a	С			
N-Pak	2.5 % v/v	С			
14 Halex GT	4 pt/a	С	0 e	98 a	98 c
Activator 90	0.25 % v/v	С			
N-Pak	2.5 % v/v	С			
		_	_	00.	
15 Durango DMA	24 fl oz/a	С	0 e	93 bc	99 bc
15 Durango DMA N-Pak	24 fl oz/a 2.5 % v/v	С			
15 Durango DMA	24 fl oz/a		0 e 0 e	93 bc 97 a	99 bc 100 a

Pest Name				Fall panicum	Ladysthumb	Ladysthumb
Rating Date				Jun-14-2011	Jul-21-2011	Aug-10-2011
Rating Type				CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%
Plant-Eval Interval				41 DP-1	78 DP-1	98 DP-1
Trt Treatment		Rate	Appl			
No. Name	Rate	Unit	Code	20	36	41
18 Nontreated				0	0	0
LSD (P=.10)				14.3	4.1	1.0

Rati Rati	ng Date ng Type ng Unit				PHYCHL %	May-31-2011 PHYLMA	PHYCHL %	PHYDEF %	PHYCHL %	Jun-14-2011 PHYNEC %	PHYDEF %
Cro	nt-Eval Interval p Name cription				27 DP-1 Dent corn Chlorosis	27 DP-1 Dent corn malformation		41 DP-1 Dent corn Epinasty	41 DP-1 Dent corn Chlorosis	41 DP-1 Dent corn Necrosis	54 DP-1 Dent corn Epinasty
	Treatment		Rate	Appl	00.00.0		00.00.0		<u> </u>		
	Name	Rate	Unit	Code	1	2	7	13	14	15	21
1	SureStart	1.75	pt/a	Α	2 ab	0 с	0 a	0 b	0 a	0 b	0 с
	Durango DMA	24	fl oz/a	С							
	N-Pak		% v/v								
2	SureStart	1.75	•	Α	2 ab	0 c	0 a	0 b	0 a	0 b	65 a
	GF-2726		fl oz/a								
	N-Pak		% v/v				_				_
3	Corvus		fl oz/a		1 c	0 b	0 a	0 b	0 a	0 b	0 c
	Durango DMA		fl oz/a								
1	N-Pak Verdict		% v/v fl oz/a		1 bc	0 c	0 a	0 b	0 a	0 b	0 c
4	Durango DMA		fl oz/a		1 DC	0.0	U a	ОБ	0 a	0.5	0.0
	N-Pak		% v/v								
5	Lumax	2.5		A	1 c	0 c	0 a	0 b	0 a	0 b	0 c
	Durango DMA		fl oz/a				0 0		0 4	0 2	
	N-Pak	2.5	% v/v	С							
6	SureStart	1.75	pt/a	Α	1 c	0 с	0 a	0 b	0 a	0 b	0 с
	Durango DMA	24	fl oz/a	В							
	N-Pak	2.5	% v/v	В							
7	SureStart	1.75	pt/a	Α	1 c	1 a	0 a	8 a	0 a	0 b	0 c
	GF-2726		fl oz/a								
	N-Pak		% v/v								
8	Corvus		fl oz/a		3 a	0 с	0 a	0 b	0 a	0 b	0 с
	Durango DMA		fl oz/a								
_	N-Pak		% v/v		0 -	0 -	0 -	0.1	0 -	0 -	0 -
9	Dual II Magnum atrazine	1.37	•	B B	0 c	0 c	0 a	0 b	0 a	8 a	0 c
	Durango DMA		fl oz/a								
	N-Pak		11 02/a % v/v								
10	Halex GT		pt/a	В	0 c	0 c	0 a	0 b	0 a	0 b	0 c
10	Activator 90		% v/v		0 0		o u	0.5	o u	0.5	
	N-Pak		% v/v								
11	SureStart	1.75		С	0 с	0 с	0 a	0 b	0 a	0 b	0 с
	Durango DMA	24	fl oz/a	С							
	N-Pak		% v/v								
12	SureStart		pt/a		0 c	0 с	0 a	0 b	0 a	0 b	55 b
	GF-2726		fl oz/a								
	N-Pak		% v/v		_	_	_				_
13	Dual II Magnum atrazine			С	0 c	0 c	0 a	0 b	0 a	0 b	0 c
			qt/a								
	Durango DMA		fl oz/a								
11	N-Pak Halex GT		% v/v pt/a		0 c	0 c	0 a	0 b	0 a	0 b	0 c
14	Activator 90		ρι/a % v/v		0.0	0.6	U a	UD	υa	UD	0.6
	N-Pak		% v/v								
15	Durango DMA		fl oz/a		0 c	0 c	0 a	0 b	0 a	0 b	0 c
.5	N-Pak		% v/v				- ~	- ~	- 5	- ~	
16	GF-2726		fl oz/a		0 c	0 c	0 a	0 b	0 a	0 b	50 b
	N-Pak	2.5	% v/v	С							
17	Nontreated				0 c	0 c	0 a	0 b	0 a	0 b	0 с

Crop Na Descrip Trt T No. N 1 S D N 2 S G N 3 C D N	Type Unit val Interval ame etion Freatment Jame SureStart Ourango DMA J-Pak SureStart GF-2726 J-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a 2.5 % v/v	Appl Code A C	Jun-27-2011 PHYDEF % 54 DP-1 Dent corn Leaf Rolling 22 0 b	Jul-21-2011 PHYNEC % 78 DP-1 Dent corn Necrosis	Jul-21-2011 PHYDEF % 78 DP-1 Dent corn Epinasty	Jul-21-2011 PHYSTU % 78 DP-1 Dent corn stunting	Jul-21-2011 PHYCHL % 78 DP-1 Dent corn chlorosis	Aug-10-2011 PHYSTU % 98 DP-1 Dent corn Stunting
Rating I Plant-Ev Crop Na Descrip Trt T No. N 1 S D N N S G N N S C D N N N N N N N N N N N N N N N N N N	Unit val Interval ame btion Treatment Jame SureStart Durango DMA J-Pak SureStart GF-2726 J-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	Code A C C	% 54 DP-1 Dent corn Leaf Rolling 22	78 DP-1 Dent corn Necrosis	78 DP-1 Dent corn Epinasty	% 78 DP-1 Dent corn	78 DP-1 Dent corn	98 DP-1 Dent corn
Plant-Ev Crop Na Descrip Trt T No. N 1 S D N 2 S G N 3 C	val Interval ame otion Treatment Jame GureStart Ourango DMA J-Pak GureStart GF-2726 J-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	Code A C C	54 DP-1 Dent corn Leaf Rolling	78 DP-1 Dent corn Necrosis	78 DP-1 Dent corn Epinasty	78 DP-1 Dent corn	78 DP-1 Dent corn	98 DP-1 Dent corn
Crop Na Descrip Trt T No. N 1 S D N 2 S G N 3 C D N	ame otion Freatment Jame GureStart Durango DMA J-Pak GureStart GureStart GureStart GureStart GF-2726 J-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	Code A C C	Dent corn Leaf Rolling 22	Dent corn Necrosis 27	Dent corn Epinasty	Dent corn	Dent corn	Dent corn
Trt TNo. NO. NO. NO. NO. NO. NO. NO. NO. NO. NO	Treatment Islame SureStart Durango DMA I-Pak SureStart GF-2726 I-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	Code A C C	22	Necrosis 27		stunting		Stunting
No. N 1 S D N 2 S G N 3 C D N	Jame GureStart Durango DMA J-Pak GureStart GF-2726 J-Pak Corvus	Rate Unit 1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	Code A C C						
1 S D N S C D N	SureStart Durango DMA N-Pak SureStart GF-2726 N-Pak Corvus	1.75 pt/a 24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	A C C						
2 S G N 3 C D	Ourango DMA N-Pak GureStart GF-2726 N-Pak Corvus	24 fl oz/a 2.5 % v/v 1.75 pt/a 56 fl oz/a	C C	0 b		28	29	30	38
3 C D	N-Pak SureStart SF-2726 N-Pak Corvus	2.5 % v/v 1.75 pt/a 56 fl oz/a	С		0 d	0 с	0 d	0 a	0 d
2 S G N 3 C D	SureStart GF-2726 N-Pak Corvus	1.75 pt/a 56 fl oz/a							
3 C D	GF-2726 N-Pak Corvus	56 fl oz/a							
3 C D N	I-Pak Corvus		A	0 b	1 d	50 a	0 d	0 a	3 a
3 C D N	Corvus		С						
D N			C	0 h	4 4	0.5	0 4	0 -	0 4
N		5.6 fl oz/a 24 fl oz/a	A C	0 b	1 d	0 c	0 d	0 a	0 d
	Durango DMA		C						
	I-Pak /erdict	2.5 % v/v 15 fl oz/a	A	0 b	1 d	0 c	0 d	1.0	0 d
	verdict Durango DMA	24 fl oz/a	C	U D	ı u	0.0	o a	1 a	U d
	J-Pak	24 11 02/a 2.5 % v/v	C						
	umax	2.5 % v/v 2.5 qt/a	A	0 b	1 d	0 c	0 d	0 a	0 d
	Durango DMA	2.5 qva 24 fl oz/a	C	0.0	ı u	0.0	0 u	0 a	0 u
	I-Pak	2.5 % v/v	C						
	SureStart	2.5 % v/v 1.75 pt/a	A	0 b	1 d	0 c	0 d	1 a	0 d
	Durango DMA	24 fl oz/a	В	0.5	ı u	0.0	o u	ı a	0 u
	N-Pak	2.5 % v/v	В						
	SureStart	1.75 pt/a	A	81 a	1 d	25 b	0 d	2 a	0 d
	F-2726	56 fl oz/a	В	OI a	ı u	23 0	o u	Z a	0 u
	N-Pak	2.5 % v/v	В						
	Corvus	5.6 fl oz/a	A	0 b	0 d	0 c	0 cd	1 a	0 d
	Durango DMA	24 fl oz/a	В	0.5	o u	0.0	o ca	ı a	o u
	N-Pak	2.5 % v/v	В						
	Dual II Magnum	1.37 pt/a	В	0 b	5 b	0 c	4 ab	0 a	0 d
	itrazine	1.5 qt/a	В	0.5	3.5	0.0	4 40	υa	o u
	Ourango DMA	24 fl oz/a	В						
	N-Pak	2.5 % v/v	В						
	lalex GT	4 pt/a	В	0 b	3 c	0 c	2 bcd	1 a	0 d
	Activator 90	0.25 % v/v	В	0.5	3.0	0.0	2 bcu	ı a	0 u
	I-Pak	2.5 % v/v	В						
	SureStart	1.75 pt/a	С	0 b	1 d	0 c	2 bcd	1 a	0 d
	Durango DMA	24 fl oz/a	C	0.5	ı u	0.0	2 bca	ı a	o u
	N-Pak	2.5 % v/v	С						
	SureStart	1.75 pt/a	C	0 b	4 bc	28 b	3 ab	3 a	2 b
	9F-2726	56 fl oz/a	C	0.5	4 50	20 6	o ab	o u	2 0
	I-Pak	2.5 % v/v	C						
	Dual II Magnum	1.37 pt/a	С	0 b	6 a	1 c	3 bc	1 a	0 d
	trazine	1.5 qt/a	C	0.0	٥۵	. •	0 20	. ~	0 4
	Durango DMA	24 fl oz/a	C						
	N-Pak	2.5 % v/v	C						
	lalex GT	4 pt/a	С	0 b	4 bc	0 c	2 bcd	3 a	0 d
	Activator 90	0.25 % v/v	C		. 50		2 300	5 u	0 4
	I-Pak	2.5 % v/v	C						
	Durango DMA	24 fl oz/a	C	0 b	0 d	1 c	2 bcd	1 a	0 d
	N-Pak	2.5 % v/v	C		0 0	. •		. ~	5 3
	GF-2726	56 fl oz/a	С	0 b	1 d	25 b	5 a	1 a	1 c
	l-Pak	2.5 % v/v	С						
	Vontreated			0 b	0 d	0 с	0 d	0 a	0 d

Rating Date	May-31-2011	May-31-2011	Jun-10-2011	Jun-14-2011	Jun-14-2011	Jun-14-2011	Jun-27-2011
Rating Type	PHYCHL	PHYLMA	PHYCHL	PHYDEF	PHYCHL	PHYNEC	PHYDEF
Rating Unit	%	%	%	%	%	%	%
Plant-Eval Interval	27 DP-1	27 DP-1	37 DP-1	41 DP-1	41 DP-1	41 DP-1	54 DP-1
Crop Name	Dent corn	Dent corn	Dent corn	Dent corn	Dent corn	Dent corn	Dent corn
Description	Chlorosis	malformation	Chlorosis	Epinasty	Chlorosis	Necrosis	Epinasty
Trt Treatment Rate Appl							
No. Name Rate Unit Code	1	2	7	13	14	15	21
18 Nontreated	0 с	0 с	0 a	0 b	0 a	0 b	0 c
LSD (P=.10)	1.4	0.2	0.0	2.5	0.0	0.8	9.5

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.

Rating Date			Jun-27-2011	Jul-21-2011	Jul-21-2011	Jul-21-2011	Jul-21-2011	Aug-10-2011
Rating Type			PHYDEF	PHYNEC	PHYDEF	PHYSTU	PHYCHL	PHYSTU
Rating Unit			%	%	%	%	%	%
Plant-Eval Interval			54 DP-1	78 DP-1	78 DP-1	78 DP-1	78 DP-1	98 DP-1
Crop Name			Dent corn	Dent corn	Dent corn	Dent corn	Dent corn	Dent corn
Description			Leaf Rolling	Necrosis	Epinasty	stunting	chlorosis	Stunting
Trt Treatment	Rate	Appl						
No. Name Rate	Unit	Code	22	27	28	29	30	38
18 Nontreated			0 b	0 d	0 с	0 d	0 a	0 d
LSD (P=.10)			3.2	1.4	9.6	2.5	1.6	0.7