

2011 Corvus, Balance Flexx, Capreno, Laudis, Ignite / Field Corn / Two Pass Programs

Trial ID: 11 BAY CRN BLJ Two Pass Protocol ID: 11 BAY CRN BLJ Two Pass
Location: Concord, NE
Project ID: HP11NARBLJ Investigator: Stevan Knezevic

General Trial Information

Investigator: Stevan Knezevic

Trial Location

City: Concord
State/Prov.: NE
Postal Code: 68728
Country: USA

Conclusions:

All products when applied at label rates resulted in excellent control. There were no major differences between these treatments.

Personnel

Investigator: Stevan Knezevic

Crop Description

Crop 1: ZEAMX Zea mays Corn
Variety: Pioneer 35F40 Description: RRLl
BBCH Scale: BCOR Planting Date: 06-05-2011
Planting Method: SEEDED seeded Rate, Unit: 25677 s/a
Depth, Unit: 2 in
Row Spacing, Unit: 30 in
Harvest Date: 10-21-2011 Harvest Equipment: Almaco SP40
Harvested Width, Unit: 5 ft Harvested Length, Unit: 22.5 ft
% Standard Moisture: 15.5

Pest Description

Pest 1 Type: W Code: SETVI Setaria viridis
Common Name: Green foxtail
Pest 2 Type: W Code: AMASS Amaranthus sp.
Common Name: Amaranth
Establishment Method/Description: waterhemp and redroot pigweed
Pest 3 Type: W Code: ABUTH Abutilon theophrasti
Common Name: Velvetleaf

Site and Design

Plot Width, Unit: 6.667 FT Site Type: FIELD field
Plot Length, Unit: 25 FT
Plot Area, Unit: 166.6667 FT2 Tillage Type: NOTILL no-till
Replications: 4 Study Design: RACOB L Randomized Complete Block (RCB)

Maintenance

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Tank Mix
1.	05-18-2011	glyphosate (Durango)	5.4	lb/gal	SL	44	oz/A	yes
2.	06-05-2011	Roudup Power MAX	5.5	lb/gal	SL	29	oz/A	yes
3.	06-05-2011	AMS	21.5	%	SG	2.5	lb/A	yes

Comment: On 5-18-11 glyphosate mixed in 20 gal/A 32% Nitrogen

Soil Description

% Sand: 10 % OM: 2.8 Texture: SICL silty clay loam
% Silt: 58 pH: 6.3
% Clay: 32 CEC: 19.7 Fert. Level: E excellent

Analyzed By:
Midwest Labs

Application Description

	A	B
Application Date:	06-09-2011	07-06-2011
Time of Day:	10:15 am	11:00 am
Application Method:	spray	spray
Application Timing:	PRE	POST
Application Placement:	surface	foliar
Applied By:	js	js
Air Temperature, Unit:	59 F	85 F
% Relative Humidity:	65	50
Wind Velocity, Unit:	7 mph	1 mph
Wind Direction:	NE	SE
Dew Presence (Y/N):	N no	N no
Soil Temperature, Unit:	64 F	84 F
Soil Moisture:	adequate	adequate
% Cloud Cover:	100	30

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:		BBCH
Stage Majority, Percent:		V6 50
Stage Minimum, Percent:		V7 50
Height, Unit:		14 in
Height Minimum, Maximum:		12 16

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	SETVI W	SETVI W
Height, Unit:		4 in
Height Minimum, Maximum:		2 6
Density, Unit:		1 m2
Pest 2 Code, Type, Scale:	AMASS W	AMASS W
Height, Unit:		4 in
Height Minimum, Maximum:		2 6
Density, Unit:		1 m2
Pest 3 Code, Type, Scale:	ABUTH W	ABUTH W
Height, Unit:		4 in
Height Minimum, Maximum:		2 6
Density, Unit:		0.1 m2

Application Equipment

	A	B
Appl. Equipment:	4 nozzle PRE	Backpack
Operating Pressure, Unit:	20 PSI	30 PSI
Nozzle Type:	Turbo Tee	AIXR
Nozzle Size:	11002	110015
Nozzle Spacing, Unit:	20 in	20 in
Boom Length, Unit:	6.67 ft	6.67 ft
Boom Height, Unit:	15 in	15 in
Ground Speed, Unit:	2.7 mph	2.7 mph
Carrier:	WATER	WATER
Spray Volume, Unit:	15 gal/ac	15 gal/ac
Mix Size, Unit:	.9 liters	.9 liters
Propellant:	COMCO2	COMCO2

Northeast Research & Extension Center

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Description								Corn, field	Corn, field	Green foxtail	Green foxtail	Green foxtail		
Rating Date								07-04-2011	07-30-2011	07-04-2011	07-30-2011	08-29-2011		
Rating Type								Injury	Injury	Control	Control	Control		
Rating Unit								Percent	Percent	Percent	Percent	Percent		
Days After First/Last Applic.								25 25	51 24	25 25	51 24	81 54		
Trt-Eval Interval														
Plant-Eval Interval								29 DP-1	55 DP-1	29 DP-1	55 DP-1	85 DP-1		
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	Corvus atrazine Laudis MSO AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	138 g a/ha	PRE PRE	A A	0.0 a	0.0 a	96.0 a	95.0 b	89.3 cd
2	Corvus atrazine Laudis Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC SL	3 oz/a 1 qt/a 22 oz/a	105 g a/ha 1120 g a/ha 1060 g a/ha	138 g a/ha	PRE PRE MPOST MPOST	A A B B	0.0 a	0.0 a	87.5 bc	99.0 a	99.0 a
3	Corvus atrazine Ignite AMS	479 ga/l 4 lb/gal	SC L	SC SL	3 oz/a 1 qt/a 22 oz/a	105 g a/ha 1120 g a/ha 450 g a/ha		PRE PRE MPOST MPOST	A A B B	0.0 a	0.0 a	94.3 ab	99.0 a	99.0 a
4	Corvus atrazine Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC SL	3 oz/a 1 qt/a 22 oz/a	105 g a/ha 1120 g a/ha 1060 g a/ha		PRE PRE MPOST MPOST	A A B B	0.0 a	0.0 a	92.5 ab	99.0 a	99.0 a
5	Corvus atrazine Capreno COC AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a 1 % v/v	105 g a/ha 1120 g a/ha 9.8 g a/ha		PRE PRE MPOST MPOST MPOST	A A B B B	0.0 a	0.0 a	93.0 ab	93.8 b	93.8 b
6	Balance Flexx atrazine Laudis MSO AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a 1 % v/v	105 g a/ha 1120 g a/ha 138 g a/ha		PRE PRE MPOST MPOST MPOST	A A B B B	0.0 a	0.0 a	87.5 bc	91.3 c	86.3 d
7	Balance Flexx atrazine Ignite AMS	480 ga/l 4 lb/gal	SC L	SC SL	3 oz/a 1 qt/a 22 oz/a	105 g a/ha 1120 g a/ha 450 g a/ha		PRE PRE MPOST MPOST	A A B B	0.0 a	0.0 a	82.5 cde	99.0 a	99.0 a
8	Balance Flexx atrazine Roundup PowerMAX AMS	480 ga/l 4 lb/gal	SC L	SC SL	3 oz/a 1 qt/a 22 oz/a	105 g a/ha 1120 g a/ha 1060 g a/ha		PRE PRE MPOST MPOST	A A B B	0.0 a	0.0 a	77.5 e	99.0 a	99.0 a
9	Balance Flexx atrazine Capreno COC AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a 1 % v/v	105 g a/ha 1120 g a/ha 9.8 g a/ha		PRE PRE MPOST MPOST MPOST	A A B B B	0.0 a	0.0 a	86.3 bcd	90.0 c	90.0 c

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Description								Corn, field	Corn, field	Green foxtail	Green foxtail	Green foxtail		
Rating Date								07-04-2011	07-30-2011	07-04-2011	07-30-2011	08-29-2011		
Rating Type								Injury	Injury	Control	Control	Control		
Rating Unit								Percent	Percent	Percent	Percent	Percent		
Days After First/Last Applic.								25 25	51 24	25 25	51 24	81 54		
Trt-Eval Interval								29 DP-1	55 DP-1	29 DP-1	55 DP-1	85 DP-1		
Plant-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
10	LUMAX Touchdown Total AMS	3.948 lb/gal	SL	SL	1.5 qt/a	1660 g a/ha	880 g a/ha	PRE MPOST MPOST	A B B	0.0 a	0.0 a	91.0 ab	99.0 a	99.0 a
		500 ga/l	SL	SL	24 oz/a									
		21.5 %	SG	SG	8.5 lb/100 gal									
11	Harness XTRA Roundup PowerMAX AMS	672 ga/l	SL	SL	1.15 qt/a	1800 g a/ha	1060 g a/ha	PRE MPOST MPOST	A B B	0.0 a	0.0 a	78.8 de	99.0 a	98.0 a
		5.5 lb/gal	SL	SL	22 oz/a									
		21.5 %	SG	SG	8.5 lb/100 gal									
12	Verdict Status Roundup PowerMAX AMS	668 ga/l	EC	WG	8 oz/a	390 g a/ha	98 g a/ha	PRE MPOST MPOST	A B B	0.0 a	0.0 a	81.3 cde	99.0 a	99.0 a
		56 %	WG	WG	2.5 oz/a									
		5.5 lb/gal	SL	SL	22 oz/a	1060 g a/ha								
		21.5 %	SG	SG	8.5 lb/100 gal									
LSD (P=.05)								0.00	0.00	7.12	2.12	3.19		
Standard Deviation								0.00	0.00	4.93	1.47	2.21		
CV								0.0	0.0	5.65	1.51	2.3		
Grand Mean								0.0	0.0	87.33	96.83	95.85		
Replicate F								0.000	0.000	5.572	2.588	1.065		
Replicate Prob(F)								1.0000	1.0000	0.0033	0.0695	0.3771		
Treatment F								0.000	0.000	6.382	21.734	18.553		
Treatment Prob(F)								1.0000	1.0000	0.0001	0.0001	0.0001		

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Description								AMASS	AMASS	AMASS	Velvetleaf	Velvetleaf		
Rating Date								07-04-2011	07-30-2011	08-29-2011	07-04-2011	07-30-2011		
Rating Type								Control	Control	Control	Control	Control		
Rating Unit								Percent	Percent	Percent	Percent	Percent		
Days After First/Last Applic.								25 25	51 24	81 54	25 25	51 24		
Trt-Eval Interval								29 DP-1	55 DP-1	85 DP-1	29 DP-1	55 DP-1		
Plant-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	Corvus atrazine Laudis MSO AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		630 ga/l 100 %	SC L	SC L	3 oz/a 1 % v/v	138 g a/ha	138 g a/ha	MPOST MPOST	B B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
2	Corvus atrazine Laudis Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		630 ga/l 5.5 lb/gal	SC SL	SC SL	3 oz/a 22 oz/a	138 g a/ha 1060 g a/ha	138 g a/ha 1060 g a/ha	MPOST MPOST	B B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
3	Corvus atrazine Ignite AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		280 ga/l	SL	SL	22 oz/a	450 g a/ha	450 g a/ha	MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
4	Corvus atrazine Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		5.5 lb/gal	SL	SL	22 oz/a	1060 g a/ha	1060 g a/ha	MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
5	Corvus atrazine Capreno COC AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	98.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		44.85 ga/l	SC	SC	3 oz/a	9.8 g a/ha	9.8 g a/ha	MPOST	B					
		100 %	L	L	1 % v/v			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
6	Balance Flexx atrazine Laudis MSO AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	86.3 b	99.0 a	99.0 a	99.0 a	99.0 a
		630 ga/l	SC	SC	3 oz/a	138 g a/ha	138 g a/ha	MPOST	B					
		100 %	L	L	1 % v/v			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
7	Balance Flexx atrazine Ignite AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	90.0 b	99.0 a	99.0 a	99.0 a	99.0 a
		280 ga/l	SL	SL	22 oz/a	450 g a/ha	450 g a/ha	MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
8	Balance Flexx atrazine Roundup PowerMAX AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	88.8 b	99.0 a	99.0 a	99.0 a	99.0 a
		5.5 lb/gal	SL	SL	22 oz/a	1060 g a/ha	1060 g a/ha	MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
9	Balance Flexx atrazine Capreno COC AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	105 g a/ha 1120 g a/ha	PRE PRE	A A	89.8 b	99.0 a	99.0 a	99.0 a	99.0 a
		44.85 ga/l	SC	SC	3 oz/a	9.8 g a/ha	9.8 g a/ha	MPOST	B					
		100 %	L	L	1 % v/v			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					

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Description		AMASS	AMASS	AMASS	Velvetleaf	Velvetleaf								
Rating Date		07-04-2011	07-30-2011	08-29-2011	07-04-2011	07-30-2011								
Rating Type		Control	Control	Control	Control	Control								
Rating Unit		Percent	Percent	Percent	Percent	Percent								
Days After First/Last Applic.		25 25	51 24	81 54	25 25	51 24								
Trt-Eval Interval														
Plant-Eval Interval		29 DP-1	55 DP-1	85 DP-1	29 DP-1	55 DP-1								
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
10	LUMAX Touchdown Total AMS	3.948 lb/gal	SL	SL	1.5 qt/a	1660 g a/ha	880 g a/ha	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
		500 ga/l	SL	SL	24 oz/a			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
11	Harness XTRA Roundup PowerMAX AMS	672 ga/l	SL	SL	1.15 qt/a	1800 g a/ha	1060 g a/ha	PRE	A	99.0 a	99.0 a	99.0 a	76.3 b	99.0 a
		5.5 lb/gal	SL	SL	22 oz/a			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
12	Verdict Status Roundup PowerMAX AMS	668 ga/l	EC	WG	8 oz/a	390 g a/ha	1060 g a/ha	PRE	A	92.5 ab	99.0 a	99.0 a	94.3 a	99.0 a
		56 %	WG	WG	2.5 oz/a	98 g a/ha		MPOST	B					
		5.5 lb/gal	SL	SL	22 oz/a			MPOST	B					
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B					
LSD (P=.05)		6.55				0.00				0.00			8.81	0.00
Standard Deviation		4.54				0.00				0.00			6.02	0.00
CV		4.78				0.0				0.0			6.23	0.0
Grand Mean		94.94				99.0				99.0			96.72	99.0
Replicate F		3.093				0.000				0.000			1.079	0.000
Replicate Prob(F)		0.0402				1.0000				1.0000			0.3778	1.0000
Treatment F		4.930				0.000				0.000			4.746	0.000
Treatment Prob(F)		0.0002				1.0000				1.0000			0.0008	1.0000

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Description								Velvetleaf	Corn, field	Corn, field	Corn, field		
Rating Date								08-29-2011	10-21-2011	10-21-2011	10-21-2011		
Rating Type								Control	Moisture	Test Weight	Yield@15.5%		
Rating Unit								Percent	%	lb/bu	bu/A		
Days After First/Last Applic.								81 54	134 107	134 107	134 107		
Trt-Eval Interval													
Plant-Eval Interval								85 DP-1	138 DP-1	138 DP-1	138 DP-1		
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	Corvus atrazine Laudis MSO AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	138 g a/ha	PRE PRE	A A	99.0 a	14.018 a	55.718 a	165.278 a
		630 ga/l 100 %	SC L	SC L	3 oz/a 1 % v/v			MPOST MPOST	B B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
2	Corvus atrazine Laudis Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	138 g a/ha	PRE PRE	A A	99.0 a	13.905 a	56.150 a	166.940 a
		630 ga/l 5.5 lb/gal	SC SL	SC SL	3 oz/a 22 oz/a	138 g a/ha 1060 g a/ha		MPOST MPOST	B B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
3	Corvus atrazine Ignite AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	450 g a/ha	PRE PRE	A A	99.0 a	14.080 a	55.415 a	173.570 a
		280 ga/l 21.5 %	SL SG	SL SG	22 oz/a 8.5 lb/100 gal			MPOST MPOST	B B				
4	Corvus atrazine Roundup PowerMAX AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	1060 g a/ha	PRE PRE	A A	99.0 a	14.075 a	56.448 a	171.235 a
		5.5 lb/gal 21.5 %	SL SG	SL SG	22 oz/a 8.5 lb/100 gal			MPOST MPOST	B B				
5	Corvus atrazine Capreno COC AMS	479 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	9.8 g a/ha	PRE PRE	A A	99.0 a	13.915 a	56.665 a	162.445 a
		44.85 ga/l 100 %	SC L	SC L	3 oz/a 1 % v/v			MPOST MPOST	B B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
6	Balance Flexx atrazine Laudis MSO AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	138 g a/ha	PRE PRE	A A	99.0 a	14.285 a	55.960 a	165.788 a
		630 ga/l 100 %	SC L	SC L	3 oz/a 1 % v/v			MPOST MPOST	B B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
7	Balance Flexx atrazine Ignite AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	450 g a/ha	PRE PRE	A A	99.0 a	14.645 a	55.713 a	165.830 a
		280 ga/l 21.5 %	SL SG	SL SG	22 oz/a 8.5 lb/100 gal			MPOST MPOST	B B				
8	Balance Flexx atrazine Roundup PowerMAX AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	1060 g a/ha	PRE PRE	A A	99.0 a	14.280 a	55.418 a	166.610 a
		5.5 lb/gal 21.5 %	SL SG	SL SG	22 oz/a 8.5 lb/100 gal			MPOST MPOST	B B				
9	Balance Flexx atrazine Capreno COC AMS	480 ga/l 4 lb/gal	SC L	SC L	3 oz/a 1 qt/a	105 g a/ha 1120 g a/ha	9.8 g a/ha	PRE PRE	A A	99.0 a	14.028 a	56.313 a	152.370 b
		44.85 ga/l 100 %	SC L	SC L	3 oz/a 1 % v/v			MPOST MPOST	B B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Description		Velvetleaf	Corn, field	Corn, field	Corn, field								
Rating Date		08-29-2011	10-21-2011	10-21-2011	10-21-2011								
Rating Type		Control	Moisture	Test Weight	Yield@15.5%								
Rating Unit		Percent	%	lb/bu	bu/A								
Days After First/Last Applic.		81 54	134 107	134 107	134 107								
Trt-Eval Interval		85 DP-1	138 DP-1	138 DP-1	138 DP-1								
Plant-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
10	LUMAX Touchdown Total AMS	3.948 lb/gal	SL	SL	1.5 qt/a	1660 g a/ha	880 g a/ha	PRE	A	99.0 a	13.763 a	56.015 a	164.945 a
		500 ga/l	SL	SL	24 oz/a			MPOST	B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
11	Harness XTRA Roundup PowerMAX AMS	672 ga/l	SL	SL	1.15 qt/a	1800 g a/ha	1060 g a/ha	PRE	A	99.0 a	14.295 a	55.743 a	169.098 a
		5.5 lb/gal	SL	SL	22 oz/a			MPOST	B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
12	Verdict Status Roundup PowerMAX AMS	668 ga/l	EC	WG	8 oz/a	390 g a/ha	98 g a/ha	PRE	A	99.0 a	14.203 a	56.123 a	169.073 a
		56 %	WG	WG	2.5 oz/a			MPOST	B				
		5.5 lb/gal	SL	SL	22 oz/a	1060 g a/ha		MPOST	B				
		21.5 %	SG	SG	8.5 lb/100 gal			MPOST	B				
LSD (P=.05)		0.00				0.6281				0.9488			9.9553
Standard Deviation		0.00				0.4350				0.6571			6.8947
CV		0.0				3.08				1.17			4.15
Grand Mean		99.0				14.12				55.97			166.1
Replicate F		0.000				0.434				1.330			3.512
Replicate Prob(F)		1.0000				0.7298				0.2812			0.0258
Treatment F		0.000				1.162				1.411			2.333
Treatment Prob(F)		1.0000				0.3493				0.2144			0.0297

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.