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Corvus, Balance Flexx, Capreno burndown in corn

Trial ID: 11S-SEP-NTC-08 Protocol ID: 11S-SEP-NTC-08
 Location: SEPAC Study Director: Paul Marquardt
 Project ID: 11S-SEP-NTC-08 Investigator: Dr. Bill Johnson
 Sponsor Contact: Dave Lamore

General Trial Information

Study Director: Paul Marquardt **Title:** Research Associate
Investigator: Dr. Bill Johnson **Title:** Professor

Discipline: H herbicide
Trial Status: E established
Initiation Date: 3-25-2011

Trial Location

City: Butleville
State/Prov.: IN
Postal Code: 47223
Country: USA

Objectives:
 HP11NARBLH

Personnel

Study Director: Paul Marquardt **Title:** Research Associate
Affiliation: Purdue University
Address: 915 W. State Street
Location: West Lafayette, IN
Postal Code: 47907 **E-mail:** pmarquar@purdue.edu
Phone No.: 765-494-0891 **Mobile No.:** 765-409-6369
Investigator: Dr. Bill Johnson **Title:** Professor
Affiliation: Purdue University
Address: 915 W. State Street
Location: West Lafayette, IN
Postal Code: 47907 **E-mail:** wgj@purdue.edu
Phone No.: 765-494-4656 **Mobile No.:** 765-404-9801

Cooperator/Landowner

Cooperator: Don Biehle **Role:** Director
Organization: Southeast Purdue Agricultural Center **Org. Type:** University
Address 1: 4425 E. CR 350 N
City: Butleville **Phone No.:** 812-458-6977
State/Prov.: IN **Fax No.:** 812-458-6979
Postal Code: 47223 **Mobile No.:** 812-592-8426
Country: USA **E-mail:** biehled@purdue.edu
 United States

Crop Description

Crop 1: ZEAMX Zea mays Corn
Variety: Pioneer 33W84 **Description:** Roundup Ready/Liberty Link
BBCH Scale: BCOR **Planting Date:** 6-3-2011
Planting Method: DIRDRI direct drilled **Rate, Unit:** 32000 S/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN **Spacing Within Row, Unit:** 6 IN
Seed Bed: MEDIUM medium **Soil Temperature, Unit:** 75 F
Soil Moisture: MOIST **Emergence Date:** 6-8-2011

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Pest Description	
Pest 1 Type: W	Code: XANST <i>Xanthium strumarium</i> Common Name: Common cocklebur
Pest 2 Type: W	Code: PLAVI <i>Plantago virginica</i> Common Name: Paleseed plantain
Pest 3 Type: W	Code: AMBEL <i>Ambrosia artemisiifolia</i> Common Name: Common ragweed
Pest 4 Type: W	Code: ERICA <i>Conyza canadensis</i> Common Name: Canada horseweed
Pest 5 Type: W	Code: ERIPH <i>Erigeron philadelphicus</i> Common Name: Daisy fleabane
Pest 6 Type: W	Code: ALLVI <i>Allium vineale</i> Common Name: Wild garlic
Pest 7 Type: W	Code: POAAN <i>Poa annua</i> Common Name: Annual bluegrass
Pest 8 Type: W	Code: TAROF <i>Taraxacum officinale</i> Common Name: Common dandelion
Pest 9 Type: W	Code: ECHCG <i>Echinochloa crus-galli</i> Common Name: Common barnyardgrass
Pest10 Type: W	Code: SETFA <i>Setaria faberi</i> Common Name: Giant foxtail

Site and Design	
Plot Width, Unit: 10 FT	Site Type: FIELD field
Plot Length, Unit: 30 FT	Experimental Unit: 1 PLOT plot
Plot Area, Unit: 300 FT ²	Tillage Type: NOTILL no-till
Replications: 4	Study Design: RACOB� Randomized Complete Block (RCB)
	Untreated Arrangement: INCLUDED single control randomized in each block

Soil Description	
Description Name: SEPAC-Field U4	
% OM: 1.8	Texture: SIL silt loam
pH: 5.6	Soil Name: Avonburg
CEC: 6.7	Fert. Level: G good
	Soil Drainage: P poor

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Application Description

	A
Application Date:	6-3-2011
Time of Day:	10 AM
Application Method:	SPRAY
Application Timing:	ATPLAN
Application Placement:	FOLIAR
Applied By:	RT
Air Temperature, Unit:	75 F
% Relative Humidity:	62
Wind Velocity, Unit:	4 MPH
Wind Direction:	SE
Dew Presence (Y/N):	N no
Soil Temperature, Unit:	75 F
Soil Moisture:	MOIST
% Cloud Cover:	90

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	ZEAMX BCOR
Stage Scale Used:	BBCH
Stage Majority, Percent:	00 100

Pest Stage At Each Application

	A
Pest 1 Code, Type, Scale:	XANST W
Stage Majority, Percent:	32 100
Height, Unit:	2 IN
Height Minimum, Maximum:	1 3
Density, Unit:	15 YD2
Pest 2 Code, Type, Scale:	PLAVI W
Stage Majority, Percent:	65 100
Height, Unit:	3.5 IN
Height Minimum, Maximum:	1 6
Density, Unit:	2.5 YD2
Pest 3 Code, Type, Scale:	AMBEL W
Stage Majority, Percent:	33 100
Height, Unit:	7 IN
Height Minimum, Maximum:	4 10
Density, Unit:	2 YD2
Pest 4 Code, Type, Scale:	ERICA W
Stage Majority, Percent:	33 100
Height, Unit:	3.5 IN

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Height Minimum, Maximum:	1 6
Density, Unit:	42 YD2
Pest 5 Code, Type, Scale:	ERIPH W
Stage Majority, Percent:	14 100
Height, Unit:	3 IN
Height Minimum, Maximum:	1 5
Density, Unit:	5 YD2
Pest 6 Code, Type, Scale:	ALLVI W
Stage Majority, Percent:	67 100
Height, Unit:	27 IN
Height Minimum, Maximum:	18 36
Density, Unit:	5 YD2
Pest 7 Code, Type, Scale:	POAAN W
Stage Majority, Percent:	67 100
Height, Unit:	4 IN
Height Minimum, Maximum:	2 6
Density, Unit:	25 YD2
Pest 8 Code, Type, Scale:	TAROF W
Stage Majority, Percent:	67 100
Height, Unit:	6 IN
Height Minimum, Maximum:	2 10
Density, Unit:	1 YD2
Pest 9 Code, Type, Scale:	ECHCG W
Stage Majority, Percent:	12 100
Height, Unit:	4 IN
Height Minimum, Maximum:	2 6
Density, Unit:	2.5 YD2
Pest10 Code, Type, Scale:	SETFA W
Stage Majority, Percent:	12 100
Height, Unit:	4 IN
Height Minimum, Maximum:	2 6
Density, Unit:	2.5 YD2

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Application Equipment

	A
Appl. Equipment:	CO2 Backpack
Equipment Type:	SPRBAC
Operation Pressure, Unit:	17 PSI
Nozzle Type:	Flat Fan
Nozzle Size:	XR11002
Nozzle Spacing, Unit:	15 IN
Nozzles/Row:	8
Boom Length, Unit:	10 FT
Boom Height, Unit:	18 IN
Ground Speed, Unit:	3 MPH
Carrier:	H2O
Water Hardness (ppm CaCO3):	150
Spray Volume, Unit:	15 GAL/AC
Mix Size, Unit:	1.8 Liters
Propellant:	CO2
Tank Mix (Y/N):	N no

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Corvus, Balance Flexx, Capreno burndown in corn

Trial ID: 11S-SEP-NTC-08 Protocol ID: 11S-SEP-NTC-08
 Location: SEPAC Study Director: Paul Marquardt
 Project ID: 11S-SEP-NTC-08 Investigator: Dr. Bill Johnson
 Sponsor Contact: Dave Lamore

Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code		ERICA	SOOCA	XANST	PANDI	SETFA	SETFA
Pest Scientific Name		Conyza canadensis	Solidago canadensis	Xanthium strumarium	Panicum dichotomum	Setaria faberii	Setaria faberii
Pest Name		Canada horseweed	Canadian goldenrod	Common cocklebur	Fall panicum	Giant foxtail	Giant foxtail
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84
Rating Date	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-29-2011
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1	1
Crop Stage Majority	V3	V3	V3	V3	V3	V3	V4
Pest Stage Majority		2-12"	10-36"	3-8"	3-10"	8-15"	6-15 IN
Pest Density, Unit		13.5YD2	13.5YD2	5 YD2	18 YD2	30 YD2	50 YD2
Assessed By	CB/RH	CB/RH	CB/RH	CB/RH	CB/RH	CB/RH	RH
Days After First/Last Applic.	13 13	13 13	13 13	13 13	13 13	13 13	26 26
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A	13 DA-A	13 DA-A	13 DA-A	26 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	26 DP-1
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1	8 DE-1	8 DE-1	21 DE-

Trt No.	Treatment Name	Rate	Unit	Appl Code	1	2	3	4	5	6	7
1	UNTREATED				0.0 a	0.0 c	0.0 c	0.0 b	0.0 b	0.0 b	0.0 b
2	Corvus	129 g ai/ha	A		0.0 a	100.0 a	100.0 a	98.5 a	96.3 a	98.5 a	90.0 a
	AAtrex	1680 g ai/ha	A								
	COC	1 % v/v	A								
3	Corvus	129 g ai/ha	A		0.0 a	100.0 a	100.0 a	99.5 a	100.0 a	99.3 a	96.3 a
	AAtrex	1680 g ai/ha	A								
	Roundup PowerMAX	870 g ae/ha	A								
4	Corvus	129 g ai/ha	A		0.0 a	99.5 a	100.0 a	97.8 a	99.8 a	99.8 a	99.5 a
	AAtrex	1680 g ai/ha	A								
	Ignite	450 g ai/ha	A								
5	Corvus	129 g ai/ha	A		0.0 a	100.0 a	100.0 a	100.0 a	98.8 a	99.3 a	97.5 a
	Sharpen	25 g ai/ha	A								
	MSO	1 % v/v	A								
6	Lexar	3100 g ai/ha	A		0.0 a	99.8 a	99.8 a	94.8 a	99.8 a	100.0 a	98.8 a
	Touchdown Total	880 g ai/ha	A								

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code		ERICA	SOOCA	XANST	PANDI	SETFA	SETFA
Pest Scientific Name		Conyza canad>	Solidago canad>	Xanthium strum>	Panicum dichot>	Setaria faberi	Setaria faberi
Pest Name		Canada horsewe>	Canadian golde>	Common cockleb>	Fall panicum	Giant foxtail	Giant foxtail
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Com	Com	Com	Com	Com	Com	Com
Crop Variety	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84
Rating Date	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-16-2011	6-29-2011
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1	1
Crop Stage Majority	V3	V3	V3	V3	V3	V3	V4
Pest Stage Majority		2-12"	10-36"	3-8"	3-10"	8-15"	6-15 IN
Pest Density, Unit		13.5YD2	13.5YD2	5 YD2	18 YD2	30 YD2	50 YD2
Assessed By	CB/RH	CB/RH	CB/RH	CB/RH	CB/RH	CB/RH	RH
Days After First/Last Applic.	13 13	13 13	13 13	13 13	13 13	13 13	26 26
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A	13 DA-A	13 DA-A	13 DA-A	26 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	26 DP-1
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1	8 DE-1	8 DE-1	21 DE-
Trt Treatment	Rate Appl						
No. Name	Rate Unit Code	1	2	3	4	5	6
7 Roundup PowerMAX	870 g ae/ha A	0.0 a	84.5 b	97.0 b	89.5 a	99.0 a	99.0 a
2,4-D Ester	560 g ai/ha A						93.3 a
LSD (P=.05)	0.00	8.14	1.42	9.96	2.83	1.86	8.84
Standard Deviation	0.00	5.48	0.95	6.70	1.90	1.25	5.95
CV	0.0	6.57	1.12	8.09	2.24	1.47	7.24
Bartlett's X2	0.0	25.179	5.49	24.478	17.61	4.019	14.871
P(Bartlett's X2)	.	0.001*	0.019*	0.001*	0.001*	0.403	0.011*
Replicate F	0.000	0.852	0.878	1.113	1.829	0.629	0.229
Replicate Prob(F)	1.0000	0.4837	0.4711	0.3698	0.1780	0.6058	0.8747
Treatment F	0.000	184.642	6225.630	120.048	1546.711	3585.637	149.459
Treatment Prob(F)	1.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code	ERICA	SOOCA	XANST	AMBEL	GGGAN	ERICA		
Pest Scientific Name	<i>Conyza canadensis</i>	<i>Solidago canadensis</i>	<i>Xanthium strumarium</i>	<i>Ambrosia artemisiifolia</i>	Annual grasses	<i>Conyza canadensis</i>		
Pest Name	Canada horseweed	Canadian gold	Common cocklebur	Common ragweed	Annual grasses	Canada horseweed		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Crop Variety	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84		
Rating Date	6-29-2011	6-29-2011	6-29-2011	6-29-2011	7-26-2011	7-26-2011		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority	V4	V4	V4	V4	V16	V16		
Pest Stage Majority	3-15 IN	12-24 IN	4-12 IN	6-15 IN	36 IN	36 IN		
Pest Density, Unit	11 YD2	5.5 YD2	5.5 YD2	2.5 YD2	50 YD2	2 YD2		
Assessed By	RH	RH	RH	RH	RH	RH		
Days After First/Last Applic.	26 26	26 26	26 26	26 26	53 53	53 53		
Trt-Eval Interval	26 DA-A	26 DA-A	26 DA-A	26 DA-A	53 DA-A	53 DA-A		
Plant-Eval Interval	26 DP-1	26 DP-1	26 DP-1	26 DP-1	53 DP-1	53 DP-1		
Days After Emergence	21 DE-	21 DE-	21 DE-	21 DE-	48 DE-	48 DE-		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code	8	9	10	11	12	13
1 UNTREATED			0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	0.0 b
2 Corvus	129 g ai/ha A		100.0 a	100.0 a	98.8 a	100.0 a	76.3 a	100.0 a
AAtrex	1680 g ai/ha A							
COC	1 % v/v A							
3 Corvus	129 g ai/ha A		100.0 a	100.0 a	94.5 a	100.0 a	94.5 a	100.0 a
AAtrex	1680 g ai/ha A							
Roundup PowerMAX	870 g ae/ha A							
4 Corvus	129 g ai/ha A		100.0 a	100.0 a	83.8 ab	100.0 a	93.8 a	100.0 a
AAtrex	1680 g ai/ha A							
Ignite	450 g ai/ha A							
5 Corvus	129 g ai/ha A		100.0 a	100.0 a	95.7 a	100.0 a	90.0 a	100.0 a
Sharpen	25 g ai/ha A							
MSO	1 % v/v A							
6 Lexar	3100 g ai/ha A		100.0 a	100.0 a	58.8 b	100.0 a	88.5 a	100.0 a
Touchdown Total	880 g ai/ha A							

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)

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

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SOOCA	XANST	AMBEL	GGGAN	ERICA
Pest Scientific Name	<i>Conyza canadensis</i>	<i>Solidago canadensis</i>	<i>Xanthium strumarium</i>	<i>Ambrosia artemisiifolia</i>	Annual grasses	<i>Conyza canadensis</i>
Pest Name	Canada horseweed	Canadian goldenrod	Common cocklebur	Common ragweed	Annual grasses	Canada horseweed
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>	<i>Zea mays</i>
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	P33W84	P33W84	P33W84	P33W84	P33W84	P33W84
Rating Date	6-29-2011	6-29-2011	6-29-2011	6-29-2011	7-26-2011	7-26-2011
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1
Crop Stage Majority	V4	V4	V4	V4	V16	V16
Pest Stage Majority	3-15 IN	12-24 IN	4-12 IN	6-15 IN	36 IN	36 IN
Pest Density, Unit	11 YD2	5.5 YD2	5.5 YD2	2.5 YD2	50 YD2	2 YD2
Assessed By	RH	RH	RH	RH	RH	RH
Days After First/Last Applic.	26 26	26 26	26 26	26 26	53 53	53 53
Trt-Eval Interval	26 DA-A	26 DA-A	26 DA-A	26 DA-A	53 DA-A	53 DA-A
Plant-Eval Interval	26 DP-1	26 DP-1	26 DP-1	26 DP-1	53 DP-1	53 DP-1
Days After Emergence	21 DE-	21 DE-	21 DE-	21 DE-	48 DE-	48 DE-
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit Code	Rate Unit Code	Rate Unit Code	Rate Unit Code	Rate Unit Code	Rate Unit Code
8	9	10	11	12	13	
7 Roundup PowerMAX 2,4-D Ester	870 g ae/ha A 560 g ai/ha A	97.5 a 97.5 a	77.5 ab	100.0 a	55.0 b	100.0 a
LSD (P=.05)	2.81	2.81	22.30	0.00	14.86	0.00
Standard Deviation	1.89	1.89	14.95	0.00	10.00	0.00
CV	2.21	2.21	20.56	0.0	14.06	0.0
Bartlett's X2	0.0	0.0	19.172	0.0	21.142	0.0
P(Bartlett's X2)	.	.	0.002*	.	0.001*	.
Replicate F	1.000	1.000	1.328	0.000	0.856	0.000
Replicate Prob(F)	0.4155	0.4155	0.2983	1.0000	0.4817	1.0000
Treatment F	1587.667	1587.667	21.803	0.000	47.060	0.000
Treatment Prob(F)	0.0001	0.0001	0.0001	1.0000	0.0001	1.0000

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Pest Type	W Weed	W Weed
Pest Code	AMBEL	XANST
Pest Scientific Name	Ambrosia artem>	Xanthium strum>
Pest Name	Common ragweed	Common cockleb>
Crop Code	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays
Crop Name	Corn	Corn
Crop Variety	P33W84	P33W84
Rating Date	7-26-2011	7-26-2011
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Crop Stage Majority	V16	V16
Pest Stage Majority	36 IN	24-36 IN
Pest Density, Unit	3 YD2	6 YD2
Assessed By	RH	RH
Days After First/Last Applic.	53 53	53 53
Trt-Eval Interval	53 DA-A	53 DA-A
Plant-Eval Interval	53 DP-1	53 DP-1
Days After Emergence	48 DE-	48 DE-
Trt Treatment	Rate	Appl
No. Name	Rate Unit	Code
1 UNTREATED		
	14	15
1 UNTREATED	0.0 b	0.0 b
2 Corvus	129 g ai/ha A	100.0 a
AAtrex	1680 g ai/ha A	82.5 a
COC	1 % v/v A	
3 Corvus	129 g ai/ha A	100.0 a
AAtrex	1680 g ai/ha A	82.5 a
Roundup PowerMAX	870 g ae/ha A	
4 Corvus	129 g ai/ha A	100.0 a
AAtrex	1680 g ai/ha A	67.5 a
Ignite	450 g ai/ha A	
5 Corvus	129 g ai/ha A	100.0 a
Sharpen	25 g ai/ha A	80.0 a
MSO	1 % v/v A	
6 Lexar	3100 g ai/ha A	100.0 a
Touchdown Total	880 g ai/ha A	40.8 ab

Means followed by same letter do not significantly differ (P=0.05, Student-Newman-Keuls)
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Pest Type	W Weed	W Weed
Pest Code	AMBEL	XANST
Pest Scientific Name	Ambrosia artem>	Xanthium strum>
Pest Name	Common ragweed	Common cockleb>
Crop Code	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays
Crop Name	Corn	Corn
Crop Variety	P33W84	P33W84
Rating Date	7-26-2011	7-26-2011
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Crop Stage Majority	V16	V16
Pest Stage Majority	36 IN	24-36 IN
Pest Density, Unit	3 YD2	6 YD2
Assessed By	RH	RH
Days After First/Last Applic.	53 53	53 53
Trt-Eval Interval	53 DA-A	53 DA-A
Plant-Eval Interval	53 DP-1	53 DP-1
Days After Emergence	48 DE-	48 DE-
Trt Treatment	Rate Appl	
No. Name	Rate Unit Code	
	14	15
7 Roundup PowerMAX	870 g ae/ha A	
2,4-D Ester	560 g ai/ha A	
LSD (P=.05)	0.00	46.53
Standard Deviation	0.00	31.19
CV	0.0	52.66
Bartlett's X2	0.0	13.526
P(Bartlett's X2)	.	0.019*
Replicate F	0.000	0.215
Replicate Prob(F)	1.0000	0.8843
Treatment F	0.000	3.728
Treatment Prob(F)	1.0000	0.0150

Means followed by same letter do not significantly differ (P=.05, Student-New man-Keuls)
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Purdue University

Corvus, Balance Flexx, Capreno burndown in corn

Trial ID: 11S-SEP-NTC-08 Protocol ID: 11S-SEP-NTC-08
 Location: SEPAC Study Director: Paul Marquardt
 Project ID: 11S-SEP-NTC-08 Investigator: Dr. Bill Johnson
 Sponsor Contact: Dave Lamore

Pest Type

W, Weed, G-BYRW7, G-WedStg = Weed or volunteer crop

Pest Code

ERICA, Conyza canadensis, = US
 SOOCA, Solidago canadensis, = US
 XANST, Xanthium strumarium, = US
 PANDI, Panicum dichotomiflorum, = US
 SETFA, Setaria faberi, = US
 AMBEL, Ambrosia artemisiifolia, = US
 GGGAN, Annual grasses, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

PHYGEN = phytotoxicity - general / injury
 CONTRO = control / burndown or knockdown

Rating Unit

% = percent

YD2 = per square yard

Plant-Eval Interval

13 DP-1 = 1 ZEAMX 6-3-2011
 26 DP-1 = 1 ZEAMX 6-3-2011
 53 DP-1 = 1 ZEAMX 6-3-2011