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CORN: RYZUP SMARTGRASS TIME OF DAY STUDY

Trial ID: 13S-THP-CTC-08 Protocol ID: 13S-THP-CTC-08
 Location: Throckmorton Study Director:
 Project ID: VUSA2013RYZUPSMAMD68.24 Investigator: Dr. Bill Johnson
 Sponsor Contact: Valent - Eric Ott

General Trial Information

Investigator: Dr. Bill Johnson **Title:** Professor

Discipline: H herbicide
Trial Status: E established
Initiation Date: Mar-18-2013

Trial Location

City: Lafayette
State/Prov.: IN
Postal Code: 47909
Country: USA

Personnel

Investigator: Dr. Bill Johnson **Title:** Professor
Affiliation: Purdue University
Address: 915 W State Street
Location: West Lafayette, IN, USA
Postal Code: 47907 **E-mail:** wgj@purdue.edu
Phone No.: 765-494-4656 **Mobile No.:** 765-404-9801

Cooperator/Landowner

Cooperator: Throckmorton Purdue Ag Center **Role:** Purdue Ag Center
Organization: Purdue University
Address 1: 8343 US 231 S
City: Lafayette
State/Prov: IN
Postal Code: 47909 **E-mail:** jayyoung@purdue.edu
Country: USA United States
Phone No.: 765-538-3422
Fax No.: 765-538-3423

Crop Description

Crop 1: ZEAMX Zea mays Corn
Variety: DEKALB DKC61-21
BBCH Scale: BCOR
Planting Method: SEEDED seeded
Depth, Unit: 1.5 IN
Row Spacing, Unit: 30 IN
Soil Moisture: DRY dry
Description: RR/LL
Planting Date: May-9-2013
Rate, Unit: 32000 S/A
Soil Temperature, Unit: 69 F
Emergence Date: May-18-2013

Site and Design

Plot Width, Unit: 10 FT
Plot Length, Unit: 30 FT
Plot Area, Unit: 300 FT²
Replications: 6
Site Type: FIELD field
Experimental Unit: 1 PLOT plot
Tillage Type: CONTIL conventional-till
Study Design: RACOBL Randomized Complete Block (RCB)
Untreated Arrangement: INCLUDED single control randomized in each block

Maintenance

No.	Date	Maintenance Treatment Name	Rate	Rate Unit
1.	May-9-2013	Lexar - Pre	3	QT/A
2.	Jun-11-2013	PowerMax - Post	22	OZ/A

Comment: BULK PRE LEXAR

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Soil Description

Description Name: TPAC - Field 4B
% OM: 2.9 **Texture:** SIL silt loam
pH: 6.2 **Soil Name:** Toronto-Millbrook
CEC: 13.3

Application Description

	A	B	C
Application Date:	May-30-2013	May-30-2013	May-30-2013
Time of Day:	7 AM	11 AM	3 PM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	V2-AM	V2-NOON	V2-PM
Application Placement:	FOLIAR	FOLIAR	FOLIAR
Applied By:	MW	MW	MW
Air Temperature, Unit:	74 F	83 F	83 F
% Relative Humidity:	71	62	54
Wind Velocity, Unit:	6 MPH	9 MPH	17 MPH
Wind Direction:	SW	SW	SW
Dew Presence (Y/N):	N no	N no	N no
Soil Temperature, Unit:	71 F	79 F	79 F
Soil Moisture:	SLIWET	SLIWET	SLIWET
% Cloud Cover:	40	80	80

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:	BBCH	BBCH	BBCH
Stage Majority, Percent:	V2	V2	V2
Stage Minimum, Percent:	V2	V2	V2
Stage Maximum, Percent:	V3	V3	V3
Height Minimum, Maximum:	3 4	3 4	3 4

Application Equipment

	A	B	C
Appl. Equipment:	CO2 FORD	CO2 FORD	CO2 FORD
Equipment Type:	SPTRMO	SPTRMO	SPTRMO
Nozzle Type:	FLAT FAN	FLAT FAN	FLAT FAN
Nozzle Size:	XR 100 02	XR 100 02	XR 100 02
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:	20 IN	20 IN	20 IN
Ground Speed, Unit:	2.1 MPH	2.1 MPH	2.1 MPH
Carrier:	MEIGS	MEIGS	MEIGS
Spray Volume, Unit:	20 gal/ac	20 gal/ac	20 gal/ac
Mix Size, Unit:	2.5 liters	2.5 liters	2.5 liters
Propellant:	CO2	CO2	CO2

Date	By	Notes
Jun-11-2013		Height (cm) - Extended Height Spad - Last leaf with collar
Jun-19-2013		Height (cm)t - Extended Height Spad - Last leaf with collar
Jun-26-2013		Height (cm) - Standing Height

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Spad - Last leaf with collar

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CORN: RYZUP SMARTGRASS TIME OF DAY STUDY

Trial ID: 13S-THP-CTC-08 Protocol ID: 13S-THP-CTC-08
 Location: Throckmorton Study Director:
 Project ID: VUSA2013RYZUPSMAMD68.24 Investigator: Dr. Bill Johnson
 Sponsor Contact: Valent - Eric Ott

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									
Rating Date	Jun-11-2013	Jun-11-2013	Jun-11-2013	Jun-19-2013	Jun-19-2013	Jun-26-2013	Jun-26-2013									
Rating Type	HEIGHT	PHYNEC	CHLCON	HEIGHT	CHLCON	HEIGHT	CHLCON									
Rating Unit	CM	%		CM		CM										
Collection Basis, Unit			10 PLANT		10 PLANT		10 PLANT									
Number of Subsamples	10	1	1	10	1	10	1									
Crop Stage Majority	V4-V5	V4-V5	V4-V5	V6	V6	V7	V7									
Assessed By	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT									
Days After First/Last Applic.	12 12	12 12	12 12	20 20	20 20	27 27	27 27									
Plant-Eval Interval	33 DP-1	33 DP-1	33 DP-1	41 DP-1	41 DP-1	48 DP-1	48 DP-1									
Days After Emergence	24 DE-1	24 DE-1	24 DE-1	32 DE-1	32 DE-1	39 DE-1	39 DE-1									
Trt Treatment	Rate	Appl	1		2		3		4		5		6		7	
No. Name	Rate Unit	Code	Plot													
1 Untreated Weed-Free Check			101	56.10	0.0	21.70	98.20	44.80	132.50	43.90						
			302	48.60	3.0	18.70	87.20	40.70	113.30	51.70						
			502	51.20	0.0	17.50	85.50	32.10	117.40	55.90						
			605	49.80	3.0	16.40	85.40	37.50	114.30	47.50						
			803	56.00	0.0	16.50	97.00	43.30	127.30	37.30						
			901	55.30	0.0	24.10	96.30	48.00	127.80	44.40						
			Mean =	52.83	1.0	19.15	91.60	41.07	122.10	46.78						
2 RYZUP SMARTGRASS	0.2 oz ai/a A		102	55.40	0.0	24.60	95.40	64.00	129.80	44.60						
NIS	0.25 % v/v A		303	50.90	5.0	20.60	90.60	44.40	121.60	46.30						
			405	51.50	0.0	17.80	89.30	38.20	121.70	40.00						
			602	48.30	0.0	15.90	84.10	30.70	102.60	46.90						
			805	59.50	3.0	17.90	97.00	41.40	127.90	50.80						
			903	58.90	0.0	19.10	95.80	41.30	132.20	45.00						
			Mean =	54.08	1.3	19.32	92.03	43.33	122.63	45.60						
3 RYZUP SMARTGRASS	0.2 oz ai/a B		103	57.70	0.0	21.00	98.60	40.70	136.30	48.90						
NIS	0.25 % v/v B		204	48.70	3.0	17.30	89.20	38.40	114.20	50.10						
			404	50.70	0.0	17.90	89.00	36.60	117.10	46.50						
			701	51.20	0.0	20.30	90.00	37.20	118.10	46.20						
			802	55.40	0.0	19.00	94.90	42.70	131.40	54.80						
			1003	58.50	3.0	14.40	95.10	38.90	131.00	54.30						
			Mean =	53.70	1.0	18.32	92.80	39.08	124.68	50.13						
4 RYZUP SMARTGRASS	0.2 oz ai/a C		104	57.20	0.0	20.10	95.40	44.90	132.30	49.90						
NIS	0.25 % v/v C		401	55.10	0.0	20.50	92.10	38.30	127.40	44.60						
			504	51.20	3.0	12.80	85.60	31.50	113.90	47.50						
			603	50.40	0.0	14.00	85.40	34.10	102.30	46.40						
			704	50.60	5.0	11.70	87.90	37.90	113.40	48.10						
			1002	55.90	3.0	18.50	92.30	38.60	127.50	52.90						
			Mean =	53.40	1.8	16.27	89.78	37.55	119.47	48.23						
5 RYZUP SMARTGRASS	0.2 oz ai/a A		105	60.70	0.0	19.70	95.50	37.50	130.10	51.00						
			304	49.90	3.0	16.10	87.10	43.10	119.30	55.60						
			501	49.20	3.0	15.90	85.70	30.20	116.10	46.70						
			505	49.50	0.0	18.30	85.30	34.70	110.00	48.00						
			804	53.80	3.0	17.10	89.70	39.70	123.90	56.00						
			902	57.20	0.0	18.20	96.00	41.80	129.10	50.50						
			Mean =	53.38	1.5	17.55	89.88	37.83	121.42	51.30						

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				ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
Crop Code				BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	
BBCH Scale											
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	
Rating Date				Jun-11-2013	Jun-11-2013	Jun-11-2013	Jun-19-2013	Jun-19-2013	Jun-26-2013	Jun-26-2013	
Rating Type				HEIGHT	PHYNEC	CHLCON	HEIGHT	CHLCON	HEIGHT	CHLCON	
Rating Unit				CM	%		CM		CM		
Collection Basis, Unit						10 PLANT		10 PLANT		10 PLANT	
Number of Subsamples				10	1	1	10	1	10	1	
Crop Stage Majority				V4-V5	V4-V5	V4-V5	V6	V6	V7	V7	
Assessed By				MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	
Days After First/Last Applic.				12 12	12 12	12 12	20 20	20 20	27 27	27 27	
Plant-Eval Interval				33 DP-1	33 DP-1	33 DP-1	41 DP-1	41 DP-1	48 DP-1	48 DP-1	
Days After Emergence				24 DE-1	24 DE-1	24 DE-1	32 DE-1	32 DE-1	39 DE-1	39 DE-1	
Trt	Treatment	Rate	Appl								
No.	Name	Rate	Unit Code	Plot	1	2	3	4	5	6	7
6	RYZUP SMARTGRASS	0.2 oz ai/a	B	201	52.60	0.0	16.70	94.00	40.90	127.00	48.90
				305	55.30	0.0	17.60	93.70	45.30	127.90	44.90
				403	46.70	0.0	16.70	83.60	39.40	113.90	45.20
				702	48.70	0.0	18.40	91.60	39.20	115.90	58.60
				705	53.30	3.0	17.90	89.70	40.60	119.40	45.60
				1001	54.30	3.0	14.50	96.10	40.60	127.20	42.60
				Mean =	51.82	1.0	16.97	91.45	41.00	121.88	47.63
7	RYZUP SMARTGRASS	0.2 oz ai/a	C	202	54.00	7.0	20.30	92.80	42.70	118.10	53.20
				205	60.20	0.0	18.60	95.60	44.40	134.10	46.50
				503	49.40	3.0	14.20	87.00	35.30	118.30	45.60
				604	44.30	0.0	15.60	81.40	34.40	105.00	47.50
				703	51.60	3.0	16.70	88.70	38.70	120.80	46.40
				905	58.60	0.0	15.20	99.50	45.40	136.60	49.80
				Mean =	53.02	2.2	16.77	90.83	40.15	122.15	48.17
8	Untreated Weed-Free Check			203	55.70	3.0	18.50	92.10	40.70	127.10	47.20
				301	48.50	0.0	16.00	90.70	41.20	123.50	52.50
				402	50.70	0.0	19.00	86.70	40.80	113.90	48.80
				601	46.80	0.0	18.10	82.70	32.30	106.50	45.30
				801	53.90	0.0	22.40	98.40	45.20	130.20	53.50
				904	51.00	0.0	18.60	93.70	41.60	126.90	55.20
				Mean =	51.10	0.5	18.77	90.72	40.30	121.35	50.42

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Crop Code				ZEAMD	ZEAMD
BBCH Scale				BCOR	BCOR
Crop Scientific Name				Zea mays inden>	Zea mays inden>
Crop Name				Dent corn	Dent corn
Rating Date				Oct-2-2013	Oct-2-2013
Rating Type				MOICON	YIELD
Rating Unit				%	bu/ac
Collection Basis, Unit					
Number of Subsamples				1	1
Crop Stage Majority					
Assessed By					
Days After First/Last Applic.				125 125	125 125
Plant-Eval Interval				146 DP-1	146 DP-1
Days After Emergence				137 DE-1	137 DE-1
Trt	Treatment	Rate	Appl		
No.	Name	Rate Unit	Code Plot	8	9
1	Untreated Weed-Free Check		101	22.00	145.90
			302	22.90	215.00
			502	21.90	222.00
			605	22.10	193.70
			803	23.00	221.90
			901	22.10	224.50
			Mean =	22.33	203.83
2	RYZUP SMARTGRASS	0.2 oz ai/a A	102	23.60	145.20
	NIS	0.25 % v/v A	303	22.80	231.00
			405	21.90	191.10
			602	23.20	209.90
			805	21.80	187.60
			903	23.10	232.00
			Mean =	22.73	199.47
3	RYZUP SMARTGRASS	0.2 oz ai/a B	103	21.60	173.60
	NIS	0.25 % v/v B	204	23.00	233.40
			404	23.80	165.70
			701	24.40	191.00
			802	21.90	185.70
			1003	22.60	235.20
			Mean =	22.88	197.43
4	RYZUP SMARTGRASS	0.2 oz ai/a C	104	22.10	184.10
	NIS	0.25 % v/v C	401	22.10	207.00
			504	23.40	199.80
			603	23.70	223.80
			704	22.80	206.20
			1002	22.70	230.90
			Mean =	22.80	208.63
5	RYZUP SMARTGRASS	0.2 oz ai/a A	105	21.90	129.20
			304	22.40	212.30
			501	21.80	221.20
			505	22.60	229.50
			804	22.70	227.20
			902	21.60	251.30
			Mean =	22.17	211.78

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Crop Code				ZEAMD	ZEAMD
BBCH Scale				BCOR	BCOR
Crop Scientific Name				Zea mays inden>	Zea mays inden>
Crop Name				Dent corn	Dent corn
Rating Date				Oct-2-2013	Oct-2-2013
Rating Type				MOICON	YIELD
Rating Unit				%	bu/ac
Collection Basis, Unit					
Number of Subsamples				1	1
Crop Stage Majority					
Assessed By					
Days After First/Last Applic.				125 125	125 125
Plant-Eval Interval				146 DP-1	146 DP-1
Days After Emergence				137 DE-1	137 DE-1
Trt Treatment		Rate	Appl		
No. Name		Rate Unit	Code Plot	8	9
6 RYZUP SMARTGRASS		0.2 oz ai/a B	201	21.70	223.90
			305	21.50	225.70
			403	22.70	185.20
			702	24.30	202.20
			705	21.70	189.40
			1001	23.90	226.00
			Mean =	22.63	208.73
7 RYZUP SMARTGRASS		0.2 oz ai/a C	202	21.10	204.00
			205	21.70	187.10
			503	22.00	234.80
			604	22.80	218.20
			703	24.00	223.50
			905	22.10	250.60
			Mean =	22.28	219.70
8 Untreated Weed-Free Check			203	21.90	207.40
			301	22.00	184.60
			402	22.70	186.20
			601	23.50	221.10
			801	21.50	229.70
			904	22.00	250.20
			Mean =	22.27	213.20

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Trial ID: 13S-THP-CTC-08 Protocol ID: 13S-THP-CTC-08
Location: Throckmorton Study Director:
Project ID: VUSA2013RYZUPSMAMD68.24 Investigator: Dr. Bill Johnson
Sponsor Contact: Valent - Eric Ott

Crop Code

ZEAMX, BCOR, Zea mays, = US

ZEAMD, BCOR, Zea mays indentata, = US

Rating Type

HEIGHT = height

PHYNEC = phytotoxicity - necrosis /burn

CHLCON = chlorophyll content

MOICON = moisture content

YIELD = yield

Rating Unit

CM = centimeter

% = percent

bu/ac = bushels per acre

PLANT = plant/plant biomass/shrub

Plant-Eval Interval

33 DP-1 = 1 ZEAMX May-9-2013

41 DP-1 = 1 ZEAMX May-9-2013

48 DP-1 = 1 ZEAMX May-9-2013

146 DP-1 = 1 ZEAMX May-9-2013

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 Location: Throckmorton Study Director:
 Project ID: VUSA2013RYZUPSMAMD68.24 Investigator: Dr. Bill Johnson
 Sponsor Contact: Valent - Eric Ott

Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMD		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays inden>		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn	Dent corn		
Rating Date	Jun-11-2013	Jun-11-2013	Jun-11-2013	Jun-19-2013	Jun-19-2013	Jun-26-2013	Jun-26-2013	Oct-2-2013		
Rating Type	HEIGHT	PHYNEC	CHLCON	HEIGHT	CHLCON	HEIGHT	CHLCON	MOICON		
Rating Unit	CM	%		CM		CM		%		
Collection Basis, Unit			10 PLANT		10 PLANT		10 PLANT			
Number of Subsamples	10	1	1	10	1	10	1	1		
Crop Stage Majority	V4-V5	V4-V5	V4-V5	V6	V6	V7	V7			
Assessed By	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT	MW/BM/GT			
Days After First/Last Applic.	12 12	12 12	12 12	20 20	20 20	27 27	27 27	125 125		
Plant-Eval Interval	33 DP-1	33 DP-1	33 DP-1	41 DP-1	41 DP-1	48 DP-1	48 DP-1	146 DP-1		
Days After Emergence	24 DE-1	24 DE-1	24 DE-1	32 DE-1	32 DE-1	39 DE-1	39 DE-1	137 DE-1		
Trt Treatment	Rate	Appl								
No. Name	Rate Unit	Code	1	2	3	4	5	6	7	8
1 Untreated Weed-Free Check			52.83 a	1.0 a	19.15 a	91.60 a	41.07 a	122.10 a	46.78 a	22.33 a
2 RYZUP SMARTGRASS NIS	0.2 oz ai/a A 0.25 % v/v A		54.08 a	1.3 a	19.32 a	92.03 a	43.33 a	122.63 a	45.60 a	22.73 a
3 RYZUP SMARTGRASS NIS	0.2 oz ai/a B 0.25 % v/v B		53.70 a	1.0 a	18.32 a	92.80 a	39.08 a	124.68 a	50.13 a	22.88 a
4 RYZUP SMARTGRASS NIS	0.2 oz ai/a C 0.25 % v/v C		53.40 a	1.8 a	16.27 a	89.78 a	37.55 a	119.47 a	48.23 a	22.80 a
5 RYZUP SMARTGRASS	0.2 oz ai/a A		53.38 a	1.5 a	17.55 a	89.88 a	37.83 a	121.42 a	51.30 a	22.17 a
6 RYZUP SMARTGRASS	0.2 oz ai/a B		51.82 a	1.0 a	16.97 a	91.45 a	41.00 a	121.88 a	47.63 a	22.63 a
7 RYZUP SMARTGRASS	0.2 oz ai/a C		53.02 a	2.2 a	16.77 a	90.83 a	40.15 a	122.15 a	48.17 a	22.28 a
8 Untreated Weed-Free Check			51.10 a	0.5 a	18.77 a	90.72 a	40.30 a	121.35 a	50.42 a	22.27 a
LSD (P=.05)			3.363	2.25	2.783	3.595	5.100	6.693	5.316	0.892
Standard Deviation			2.853	1.91	2.361	3.050	4.326	5.677	4.509	0.757
CV			5.39	147.81	13.2	3.35	10.8	4.65	9.29	3.36
Bartlett's X2			3.729	4.699	8.004	2.187	18.103	2.773	6.203	8.017
P(Bartlett's X2)			0.81	0.697	0.332	0.949	0.012*	0.905	0.516	0.331
Replicate F			9.905	0.791	2.539	15.536	6.404	15.272	0.276	2.759
Replicate Prob(F)			0.0001	0.5634	0.0462	0.0001	0.0003	0.0001	0.9232	0.0334
Treatment F			0.732	0.467	1.452	0.695	1.140	0.395	1.116	0.819
Treatment Prob(F)			0.6458	0.8516	0.2165	0.6761	0.3614	0.8992	0.3753	0.5782

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Crop Code	ZEAMD		
BBCH Scale	BCOR		
Crop Scientific Name	Zea mays inden>		
Crop Name	Dent corn		
Rating Date	Oct-2-2013		
Rating Type	YIELD		
Rating Unit	bu/ac		
Collection Basis, Unit			
Number of Subsamples	1		
Crop Stage Majority			
Assessed By			
Days After First/Last Applic.	125 125		
Plant-Eval Interval	146 DP-1		
Days After Emergence	137 DE-1		
Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code	9
1 Untreated Weed-Free Check			203.83 a
2 RYZUP SMARTGRASS	0.2 oz ai/a A		199.47 a
NIS	0.25 % v/v A		
3 RYZUP SMARTGRASS	0.2 oz ai/a B		197.43 a
NIS	0.25 % v/v B		
4 RYZUP SMARTGRASS	0.2 oz ai/a C		208.63 a
NIS	0.25 % v/v C		
5 RYZUP SMARTGRASS	0.2 oz ai/a A		211.78 a
6 RYZUP SMARTGRASS	0.2 oz ai/a B		208.73 a
7 RYZUP SMARTGRASS	0.2 oz ai/a C		219.70 a
8 Untreated Weed-Free Check			213.20 a
LSD (P=.05)	25.967		
Standard Deviation	22.026		
CV	10.6		
Bartlett's X2	5.925		
P(Bartlett's X2)	0.549		
Replicate F	6.388		
Replicate Prob(F)	0.0003		
Treatment F	0.673		
Treatment Prob(F)	0.6935		

Purdue University

CORN: RYZUP SMARTGRASS TIME OF DAY STUDY

Trial ID: 13S-THP-CTC-08 Protocol ID: 13S-THP-CTC-08
Location: Throckmorton Study Director:
Project ID: VUSA2013RYZUPSMAMD68.24 Investigator: Dr. Bill Johnson
Sponsor Contact: Valent - Eric Ott

Crop Code

ZEAMX, BCOR, Zea mays, = US

ZEAMD, BCOR, Zea mays indentata, = US

Rating Type

HEIGHT = height

PHYNEC = phytotoxicity - necrosis /burn

CHLCON = chlorophyll content

MOICON = moisture content

YIELD = yield

Rating Unit

CM = centimeter

% = percent

bu/ac = bushels per acre

PLANT = plant/plant biomass/shrub

Plant-Eval Interval

33 DP-1 = 1 ZEAMX May-9-2013

41 DP-1 = 1 ZEAMX May-9-2013

48 DP-1 = 1 ZEAMX May-9-2013

146 DP-1 = 1 ZEAMX May-9-2013