

The Ohio State University

A23980B vs Acuron and Competitors PRE and PRE followed by POST for Crop Safety, Weed Control and Yield (ATZ Universities)

[B=Medium & Fine]

Trial ID: USNK0H5012023
 Protocol ID: HBI001B4-2023US Location: Bruns Dain FS Trial Year: 2023
 Master Protocol ID:
 Study Director: Scott Payne Sponsor Contact: Mark Kitt Conducted Under GEP: No
 Investigator: Dain Bruns Trial Origin: P public institution trial

Crop Description

Crop 1: C ZEAMD Zea mays indentata Dent corn BBCH Scale: BCOR
 Entry Date: May-4-2023 Stage Scale: BBCH
 Variety: P0947Q
 Attributes: GLYPHOSATE-R
 Seed Lot No: X3TOL13000-N Seed Source: Pioneer
 % Germination: 95 1000 Seed Weight: 0.714LB
 Planting Rate: 32097 S/A
 Planting Date: Apr-14-2023
 Depth: 1.5 IN Planting Method: PLANTD planted
 Rows per Plot: 4 Planting Equipment: FE field equipment
 Row Spacing: 30 IN Seed Bed: MEDIUM medium
 Soil Moisture: NORMAL normal, adequate
 Soil Temperature: 53 F
 Emergence Date: May-8-2023
 Harvest Date: Oct-17-2023 Harvest Equipment: Kincaid 8XP
 Moisture Meter: Harvest Master Harvested Width: 5 FT
 % Standard Moisture: 15.5 Harvested Length: 30 FT
 Weighing Equipment: Harvest Master HM800

Pest Description

Pest 1 Type: W Code: SETFA *Setaria faberi* Entry Date: May-15-2023
 Common Name: Giant foxtail Stage Scale: BBCH
 Artificial Population: N no
 Pest 2 Type: W Code: AMBTR *Ambrosia trifida* Entry Date: May-15-2023
 Common Name: Giant ragweed Stage Scale: BBCH
 Attributes: gly-R Artificial Population: N no
 Pest 3 Type: W Code: ABUTH *Abutilon theophrasti* Entry Date: May-15-2023
 Common Name: velvetleaf Stage Scale: BBCH
 Artificial Population: N no
 Pest 4 Type: W Code: CHEAL *Chenopodium album* Entry Date: May-15-2023
 Common Name: common lambsquarters Stage Scale: BBCH
 Artificial Population: N no
 Pest 5 Type: W Code: POLPY *Persicaria pensylvanica* Entry Date: May-15-2023
 Common Name: annual smartweed Stage Scale: BBCH
 Artificial Population: N no
 Pest 6 Type: W Code: IPOHE *Ipomoea hederacea* Entry Date: May-15-2023
 Common Name: ivy-leaf morning glory Stage Scale: BBCH
 Artificial Population: N no
 Pest 7 Type: W Code: SETPU *Setaria pumila* Entry Date: Jun-13-2023
 Common Name: yellow foxtail Stage Scale: BBCH
 Artificial Population: N no
 Pest 8 Type: W Code: SIDSP *Sida spinosa* Entry Date: Jul-26-2023
 Common Name: Prickly sida Stage Scale: BBCH
 Artificial Population: N no

Site and Design

Treated Plot Width: 10 FT Total Plot Width: 10 ft Site Type: FIELD field
 Treated Plot Length: 30 FT Total Plot Length: 30 ft Experimental Unit: 1 PLOT plot
 Treated Plot Area: 300.0 FT² Tillage Type: CONTIL conventional-till
 Replications: 4 Treatments: 16 Plots: 64 Study Design: RACOB L Randomized Complete Block (RCB)
 Untreated Arrangement: INCLUDED single control randomized in each block

Previous
 No. Crop Year
 1. GLXMA 2022

Soil Description

Description Name: F-7 East
 % Sand: 37 % OM: 2.8 Texture: L loam
 % Silt: 48 Soil Name: Kokomo
 % Clay: 15 Fert. Level: G good
 pH: 5.7 CEC: 11

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Application Description

	A	B
Date	Apr-14-2023	May-15-2023
Start Time	9:59 AM	12:47 PM
Stop Time	10:30 AM	12:58 PM
Method	NONINC	SPRAY
Timing	PREPRE	POSPOS
Placement	BROSOI	BROFOL
Applied By	Dobbels	Dobbels
Entry Date	May-4-2023	May-15-2023
Air Temperature Start, Stop	66.3, 70 F	65, 65 F
% Relative Humidity Start, Stop	52, 50	51, 51
Wind Velocity+Dir. Start	8 MPH, SE	4 MPH, NNE
Wind Velocity+Dir. Stop	8 MPH, SE	4 MPH, NNE
Wind Velocity+Dir. Max	9 MPH, SE	4 MPH, NNE
Wet Leaves (Y/N)	N, no	N, no
Soil Temperature	55 F	62 F
Soil Moisture	SLIDRY	SLIWET
% Cloud Cover	90	98
First Moisture Occurred On	Apr-15-2023	May-16-2023
Time to First Moisture	1.0 DAY	1.0 DAY
Moisture 24 Hours after Appl.	0 IN	0.03 IN
Moisture 1 Week after Appl.	0.6 IN	0.13 IN
Problems with Application?	N, no	N, no

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale	ZEAMD, BCOR	ZEAMD, BCOR
Stage Majority, Percent		12, 100
Stage Minimum, Percent		12, -
Stage Maximum, Percent		12, -
Height Average	0 IN	4 IN
Height Minimum, Maximum	0, 0	4, 7

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Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale	SETFA, W, BBCH	SETFA, W, BBCH
Stage Majority, Percent	00, -	12, 80
Stage Minimum, Percent	00, -	11, 10
Stage Maximum, Percent	00, -	13, 10
Height Average	0 IN	1.25 IN
Height Minimum, Maximum	0, 0	0.25, 2
Pest 2 Code, Type, Scale	AMBTR, W, BBCH	AMBTR, W, BBCH
Stage Majority, Percent	00, -	14, 80
Stage Minimum, Percent	00, -	14, 80
Stage Maximum, Percent	00, -	16, 10
Height Average	0 IN	2.5 IN
Height Minimum, Maximum	0, 0	2, 3.5
Pest 3 Code, Type, Scale	ABUTH, W, BBCH	ABUTH, W, BBCH
Stage Majority, Percent	00, -	10, 80
Stage Minimum, Percent	00, -	10, 80
Stage Maximum, Percent	00, -	11, 90
Height Average	0 IN	0.5 IN
Height Minimum, Maximum	0, 0	0.5, 1
Pest 4 Code, Type, Scale	CHEAL, W, BBCH	CHEAL, W, BBCH
Stage Majority, Percent	00, -	14, 80
Stage Minimum, Percent	00, -	12, 10
Stage Maximum, Percent	00, -	14, 80
Height Average	0 IN	0.5 IN
Height Minimum, Maximum	0, 0	0.25, 0.5
Pest 5 Code, Type, Scale	POLPY, W, BBCH	POLPY, W, BBCH
Stage Majority, Percent	00, -	12, 80
Stage Minimum, Percent	00, -	12, 80
Stage Maximum, Percent	00, -	14, 10
Height Average	0 IN	1 IN
Height Minimum, Maximum	0, 0	0.5, 1
Pest 6 Code, Type, Scale	IPOHE, W, BBCH	IPOHE, W, BBCH
Stage Majority, Percent	00, -	10, 100
Stage Minimum, Percent	00, -	10, 100
Stage Maximum, Percent	00, -	10, 100
Height Average	0 IN	1 IN
Height Minimum, Maximum	0, 0	0.5, 1
Pest 7 Code, Type, Scale	SETPU, W, BBCH	SETPU, W, BBCH
Stage Majority, Percent	00, -	11, 90
Stage Minimum, Percent	00, -	11, 90
Stage Maximum, Percent	00, -	12, 10
Height Average	0 IN	0.5 IN
Height Minimum, Maximum	0, 0	0.25, 0.5
Pest 8 Code, Type, Scale	SIDSP, W, BBCH	SIDSP, W, BBCH
Stage Majority, Percent	00, -	
Stage Minimum, Percent	00, -	
Stage Maximum, Percent	00, -	
Height Average	0 IN	
Height Minimum, Maximum	0, 0	

Application Equipment

	A	B
Equipment Name	6' TTI	6' AIXR
Equipment Type	BACCAI	BACCAI
Operation Pressure	44 PSI	44 PSI
Nozzle Model	1110015	110015
Nozzle Type	TEEJAI	ARINDH
Nozzle TradeName	Turbo Tee Induction	Air Inducted XR Flat
Nozzle Tip Size, Color	015, GREEN	015, GREEN
Nozzle Spacing	18 IN	18 IN
Boom Length	6.67 FT	6.67 FT
Boom Height	20 IN	20 IN
Ground Speed	3 MPH	3 MPH
Carrier	WATER	WATER
Water Hardness (ppm CaCO3)	250	250
Application Amount	15 GAL/AC	15 GAL/AC
Mix Size	1.56 L	1.56 L
Spray pH	7.8	7.8
Propellant	COMCO2	COMCO2

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Rating Date	Oct-17-2023	Oct-17-2023	Oct-17-2023
SE Group No.	52	53	56
SE Name			ZUSX052
SE Description			YIELD/A
Part Rated	SEED, -	SEED, -	GRAIN, -
Rating Type	WEIGHT	CONMOI	YIELD
Rating Unit/Min/Max	lb, -, -	% 0, 100	BU, -, -
Sample Size	1 PLOT	1 PLOT	150 FT2
Collection Basis	1 PLOT	1 PLOT	1 PLOT
Reporting Basis	1 PLOT	1 PLOT	1 A
Calculation	NC	NC	IN
Number of Subsamples	1	1	1
Crop ID Code	1, ZEAMD	1, ZEAMD	1, ZEAMD
BBCH Scale	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays indent>	Zea mays indent>	Zea mays indent>
Crop Name	Dent corn	Dent corn	Dent corn
Crop Variety	P0947Q	P0947Q	P0947Q
Crop Attributes	GLYPHOSATE-R	GLYPHOSATE-R	GLYPHOSATE-R
Pest ID Code			
Pest Code			
Pest Scientific Name			
Pest Name			
Days After First/Last Applic.	186, 155	186, 155	186, 155
Plant-Eval Interval	186 DP-1	186 DP-1	186 DP-1
Days After Emergence	162 DE-1	162 DE-1	162 DE-1
EDC App			
Number of Decimals			1
Data Entry Date	Oct-18-2023	Oct-18-2023	
First Export Date			

Trt Treatment No. Name	Rate	Other	Other	Appl	26*	27*	28*
	Rate Unit	Rate	Rate	Unit Code			
1 UNTREATED CHECK					31.030bc	17.80-	156.6b
2 STOREN	1900g ai/ha	2.1qt/a		A	45.250a	16.85-	230.8a
2 AATREX 4L	840g ai/ha	0.748qt/a		A			
3 STOREN	2170g ai/ha	2.4qt/a		A	46.405a	16.70-	237.1a
3 AATREX 4L	840g ai/ha	0.748qt/a		A			
4 ACURON 3.44 ZC	2890g ai/ha	3qt/a		A	46.493a	17.18-	236.3a
5 RESICORE XL	2280g ai/ha	2.5qt/a		A	29.990c	17.23-	153.1b
5 AATREX 4L	840g ai/ha	0.748qt/a		A			
6 RESICORE XL	2740g ai/ha	3qt/a		A	38.640abc	16.78-	196.9ab
6 AATREX 4L	840g ai/ha	0.748qt/a		A			
7 TRIVOLT	560g ai/ha	17.5fl oz/a		A	45.598a	16.60-	233.3a
7 AATREX 4L	840g ai/ha	0.748qt/a		A			
8 TRIVOLT	640g ai/ha	20fl oz/a		A	44.810a	16.60-	229.3a
8 AATREX 4L	840g ai/ha	0.748qt/a		A			
9 MAVERICK CORN HERBICIDE	428g ai/ha	24fl oz/a		A	42.203ab	16.93-	215.0a
9 AATREX 4L	840g ai/ha	0.748qt/a		A			
10 MAVERICK CORN HERBICIDE	571g ai/ha	32fl oz/a		A	37.840abc	16.05-	194.9ab
10 AATREX 4L	840g ai/ha	0.748qt/a		A			
11 STOREN	948g ai/ha	1.05qt/a		A	48.198a	17.13-	245.2a
11 AATREX 4L	420g ai/ha	0.374qt/a		A			
11 AMSOL	2.5% v/v	2.5% v/v		B			
11 STOREN	948g ai/ha	1.05qt/a		B			
11 AATREX 4L	420g ai/ha	0.374qt/a		B			
11 ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B			

Means followed by same letter or symbol 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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SE Group No.	52	53	56
SE Name			ZUSX052
SE Description			YIELD/A
Part Rated	SEED, -	SEED, -	GRAIN, -
Rating Type	WEIGHT	CONMOI	YIELD
Rating Unit/Min/Max	lb, -, -	%, 0, 100	BU, -, -
Sample Size	1 PLOT	1 PLOT	150 FT2
Collection Basis	1 PLOT	1 PLOT	1 PLOT
Reporting Basis	1 PLOT	1 PLOT	1 A
Calculation	NC	NC	IN
Number of Subsamples	1	1	1
Crop ID Code	1, ZEAMD	1, ZEAMD	1, ZEAMD
BBCH Scale	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays indent>	Zea mays indent>	Zea mays indent>
Crop Name	Dent corn	Dent corn	Dent corn
Crop Variety	P0947Q	P0947Q	P0947Q
Crop Attributes	GLYPHOSATE-R	GLYPHOSATE-R	GLYPHOSATE-R
Pest ID Code			
Pest Code			
Pest Scientific Name			
Pest Name			
Days After First/Last Applic.	186, 155	186, 155	186, 155
Plant-Eval Interval	186 DP-1	186 DP-1	186 DP-1
Days After Emergence	162 DE-1	162 DE-1	162 DE-1
EDC App			
Number of Decimals			1
Data Entry Date	Oct-18-2023	Oct-18-2023	
First Export Date			

Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Unit Code	26*	27*	28*
12	STOREN	1080g ai/ha	1.2qt/a		A	48.045a	16.90-	244.9a
12	AATREX 4L	420g ai/ha	0.374qt/a		A			
12	AMSOL	2.5% v/v	2.5% v/v		B			
12	STOREN	1080g ai/ha	1.2qt/a		B			
12	AATREX 4L	420g ai/ha	0.374qt/a		B			
12	ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B			
13	STOREN	1080g ai/ha	1.2qt/a		A	42.790ab	16.10-	220.3a
13	AATREX 4L	420g ai/ha	0.374qt/a		A			
13	AMSOL	2.5% v/v	2.5% v/v		B			
13	NIS	0.25% v/v	0.25% v/v		B			
13	AATREX 4L	561g ai/ha	0.5qt/a		B			
13	HALEX GT 4.38 CS	2460g ai/ha	4pt/a		B			
14	LEXAR EZ 3.7 ZC	3630g ai/ha	3.5qt/a		A	42.090ab	16.13-	216.7a
15	STOREN	1900g ai/ha	2.1qt/a		B	47.080a	16.65-	241.0a
15	AATREX 4L	560g ai/ha	0.5qt/a		B			
15	ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B			

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SE Name			ZUSX052
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Part Rated	SEED, -	SEED, -	GRAIN, -
Rating Type	WEIGHT	CONMOI	YIELD
Rating Unit/Min/Max	lb, -, -	%, 0, 100	BU, -, -
Sample Size	1 PLOT	1 PLOT	150 FT2
Collection Basis	1 PLOT	1 PLOT	1 PLOT
Reporting Basis	1 PLOT	1 PLOT	1 A
Calculation	NC	NC	IN
Number of Subsamples	1	1	1
Crop ID Code	1, ZEAMD	1, ZEAMD	1, ZEAMD
BBCH Scale	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays indent>	Zea mays indent>	Zea mays indent>
Crop Name	Dent corn	Dent corn	Dent corn
Crop Variety	P0947Q	P0947Q	P0947Q
Crop Attributes	GLYPHOSATE-R	GLYPHOSATE-R	GLYPHOSATE-R
Pest ID Code			
Pest Code			
Pest Scientific Name			
Pest Name			
Days After First/Last Applic.	186, 155	186, 155	186, 155
Plant-Eval Interval	186 DP-1	186 DP-1	186 DP-1
Days After Emergence	162 DE-1	162 DE-1	162 DE-1
EDC App			
Number of Decimals			1
Data Entry Date	Oct-18-2023	Oct-18-2023	
First Export Date			
Trt Treatment			
No. Name	Rate Unit	Other Other Rate Rate Unit Code	Appl
16 STOREN	2170g ai/ha	2.4 qt/a	B
16 AATREX 4L	560g ai/ha	0.5 qt/a	B
16 ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28 fl oz/a	B
LSD P=.05	8.1467	1.391	41.26
Standard Deviation	5.7202	0.977	28.97
CV	13.36	5.83	13.24
Grand Mean	42.8272	16.747	218.85
Levene's F^	0.595	1.148	0.644
Levene's Prob(F)	0.864	0.343	0.824
Rank X2	.	.	.
P(Rank X2)	.	.	.
Shapiro-Wilk^	0.9804	0.9924	0.9816
P(Shapiro-Wilk)^	0.3995	0.9635	0.4551
Skewness^	-0.3063	-0.1354	-0.2437
P(Skewness)^	0.3211	0.66	0.4292
Kurtosis^	0.3762	0.5055	0.416
P(Kurtosis)^	0.5358	0.406	0.4937
Replicate F	3.039	3.051	3.214
Replicate Prob(F)	0.0386	0.0381	0.0316
Treatment F	4.079	0.904	4.202
Treatment Prob(F)	0.0001	0.5652	0.0001

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Rating Date Oct-17-2023
 SE Group No. 54
 SE Name ZUSX048
 SE Description TEST WEIGHT - S>
 Part Rated SEED -
 Rating Type WEITES
 Rating Unit/Min/Max LB, -, -
 Sample Size 1 PLOT
 Collection Basis 1 PLOT
 Reporting Basis 1 BU
 Calculation IN
 Number of Subsamples 1
 Crop ID Code 1, ZEAMD
 BBCH Scale BCOR
 Crop Scientific Name Zea mays indent>
 Crop Name Dent corn
 Crop Variety P0947Q
 Crop Attributes GLYPHOSATE-R
 Pest ID Code
 Pest Code
 Pest Scientific Name
 Pest Name
 Days After First/Last Applic. 186, 155
 Plant-Eval Interval 186 DP-1
 Days After Emergence 162 DE-1
 EDC App
 Number of Decimals
 Data Entry Date Oct-18-2023
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Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Unit Code	29*
1	UNTREATED CHECK					56.00-
2	STOREN	1900g ai/ha	2.1qt/a		A	56.50-
2	AATREX 4L	840g ai/ha	0.748qt/a		A	
3	STOREN	2170g ai/ha	2.4qt/a		A	57.35-
3	AATREX 4L	840g ai/ha	0.748qt/a		A	
4	ACURON 3.44 ZC	2890g ai/ha	3qt/a		A	56.95-
5	RESICORE XL	2280g ai/ha	2.5qt/a		A	55.93-
5	AATREX 4L	840g ai/ha	0.748qt/a		A	
6	RESICORE XL	2740g ai/ha	3qt/a		A	56.23-
6	AATREX 4L	840g ai/ha	0.748qt/a		A	
7	TRIVOLT	560g ai/ha	17.5fl oz/a		A	56.28-
7	AATREX 4L	840g ai/ha	0.748qt/a		A	
8	TRIVOLT	640g ai/ha	20fl oz/a		A	56.68-
8	AATREX 4L	840g ai/ha	0.748qt/a		A	
9	MAVERICK CORN HERBICIDE	428g ai/ha	24fl oz/a		A	56.80-
9	AATREX 4L	840g ai/ha	0.748qt/a		A	
10	MAVERICK CORN HERBICIDE	571g ai/ha	32fl oz/a		A	56.43-
10	AATREX 4L	840g ai/ha	0.748qt/a		A	
11	STOREN	948g ai/ha	1.05qt/a		A	57.10-
11	AATREX 4L	420g ai/ha	0.374qt/a		A	
11	AMSOL	2.5% v/v	2.5% v/v		B	
11	STOREN	948g ai/ha	1.05qt/a		B	
11	AATREX 4L	420g ai/ha	0.374qt/a		B	
11	ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B	

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 SE Group No. 54
 SE Name ZUSX048
 SE Description TEST WEIGHT - S>
 Part Rated SEED -
 Rating Type WEITES
 Rating Unit/Min/Max LB, -, -
 Sample Size 1 PLOT
 Collection Basis 1 PLOT
 Reporting Basis 1 BU
 Calculation IN
 Number of Subsamples 1
 Crop ID Code 1, ZEAMD
 BBCH Scale BCOR
 Crop Scientific Name Zea mays indent>
 Crop Name Dent corn
 Crop Variety P0947Q
 Crop Attributes GLYPHOSATE-R
 Pest ID Code
 Pest Code
 Pest Scientific Name
 Pest Name
 Days After First/Last Applic. 186, 155
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Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Unit	Code	29*
12	STOREN	1080g ai/ha	1.2qt/a		A		57.53-
12	AATREX 4L	420g ai/ha	0.374qt/a		A		
12	AMSOL	2.5% v/v	2.5% v/v		B		
12	STOREN	1080g ai/ha	1.2qt/a		B		
12	AATREX 4L	420g ai/ha	0.374qt/a		B		
12	ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B		
13	STOREN	1080g ai/ha	1.2qt/a		A		56.95-
13	AATREX 4L	420g ai/ha	0.374qt/a		A		
13	AMSOL	2.5% v/v	2.5% v/v		B		
13	NIS	0.25% v/v	0.25% v/v		B		
13	AATREX 4L	561g ai/ha	0.5qt/a		B		
13	HALEX GT 4.38 CS	2460g ai/ha	4pt/a		B		
14	LEXAR EZ 3.7 ZC	3630g ai/ha	3.5qt/a		A		57.93-
15	STOREN	1900g ai/ha	2.1qt/a		B		58.23-
15	AATREX 4L	560g ai/ha	0.5qt/a		B		
15	ROUNDUP POWERMAX 3 HERBICIDE	1180g ae/ha	28fl oz/a		B		

Means followed by same letter or symbol 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.
 * Adjusted means
 ^Calculated from residual.

The Ohio State University

A23980B vs Acuron and Competitors PRE and PRE followed by POST for Crop Safety, Weed Control and Yield (ATZ Universities)

[B=Medium & Fine]

Trial ID: USNK0H5012023
 Protocol ID: HBI001B4-2023US Location: Bruns Dain FS Trial Year: 2023
 Master Protocol ID:
 Study Director: Scott Payne Sponsor Contact: Mark Kitt Conducted Under GEP: No
 Investigator: Dain Bruns Trial Origin: P public institution trial

Rating Date Oct-17-2023
 SE Group No. 54
 SE Name ZUSX048
 SE Description TEST WEIGHT - S>
 Part Rated SEED -
 Rating Type WEITES
 Rating Unit/Min/Max LB, -, -
 Sample Size 1 PLOT
 Collection Basis 1 PLOT
 Reporting Basis 1 BU
 Calculation IN
 Number of Subsamples 1
 Crop ID Code 1, ZEAMD
 BBCH Scale BCOR
 Crop Scientific Name Zea mays indent>
 Crop Name Dent corn
 Crop Variety P0947Q
 Crop Attributes GLYPHOSATE-R
 Pest ID Code
 Pest Code
 Pest Scientific Name
 Pest Name
 Days After First/Last Applic. 186, 155
 Plant-Eval Interval 186 DP-1
 Days After Emergence 162 DE-1
 EDC App
 Number of Decimals
 Data Entry Date Oct-18-2023
 First Export Date

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Appl Code	29*
16	STOREN	2170g	ai/ha	2.4qt/a		B	57.10-
16	AATREX 4L	560g	ai/ha	0.5qt/a		B	
16	ROUNDUP POWERMAX 3 HERBICIDE	1180g	ae/ha	28fl oz/a		B	

LSD P=.05 2.191
 Standard Deviation 1.539
 CV 2.71
 Grand Mean 56.872
 Levene's F^ 1.178
 Levene's Prob(F) 0.32
 Rank X2 .
 P(Rank X2) .
 Shapiro-Wilk^ 0.9778
 P(Shapiro-Wilk)^ 0.3029
 Skewness^ -0.2522
 P(Skewness)^ 0.4133
 Kurtosis^ 0.7678
 P(Kurtosis)^ 0.2085
 Replicate F 9.934
 Replicate Prob(F) 0.0001
 Treatment F 0.735
 Treatment Prob(F) 0.7369

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls).
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Part Rated

SEED = seed

GRAIN = grain

Rating Type

WEIGHT = weight

CONMOI = content - moisture

YIELD = yield

WEITES = weight - test

Rating Unit/Min/Max

lb, , = pound

%, 0, 100 = percent

BU, , = bushel

PLOT = total plot

FT2 = square foot

PLOT = total plot

PLOT = total plot

A = acre

BU = bushel

Calculation

NC = no calculation

IN = increase

Crop ID Code

1, ZEAMD, BCOR, Zea mays indentata, Dent corn, P0947Q, GLYPHOSATE-R = Apr-14-2023

Plant-Eval Interval

186 DP-1 = 1 ZEAMD Apr-14-2023