

The Ohio State University

Fall application of KFD-721/Corn/Weeds

Trial ID: 23UPLFALLCORN1
 Protocol ID: H22US-028-ERY-001 Location: Ohio Trial Year: 2022
 Project ID: Project ID 2: Project ID 3:
 Study Director: Sponsor Contact: Ryan Henry
 Investigator:

Crop Description

Crop 1: C	ZEAMX Zea mays	Corn	BBCH Scale: BCOR
	Entry Date: Apr-17-2023	Stage Scale: BBCH	
	Variety: Seed Consultants SC1122Q		
	Attributes: Glyphosate-R, Glufosinate-R		
	Seed Shape: FLAT	Seed Size: 1826 S/LB	
	Planting Date: Apr-13-2023	Planting Rate: 32097 S/A	
	Depth: 2 IN		
	Rows per Plot: 4	Planting Method: PLANTD planted	
	Row Spacing: 30 IN	Planting Equipment: FPP finger pickup planter	
		Seed Bed: MEDTRA medium/trashy	
	Soil Temperature: 54 F	Soil Moisture: NORMAL normal, adequate	
	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: STEME Stellaria media	Entry Date: Nov-18-2022
	Common Name: chickweed	Stage Scale: BBCH
Pest 2 Type: W	Code: LAMPU Lamium purpureum	Entry Date: Nov-18-2022
	Common Name: purple deadnettle	Stage Scale: BBCH
Pest 3 Type: W	Code: RANAB Ranunculus abortivus	Entry Date: Apr-17-2023
	Common Name: Smallflower buttercup	Stage Scale: BBCH
Pest 4 Type: W	Code: ERYRE Erysimum repandum	Entry Date: Apr-17-2023
	Common Name: spreading treacle mustard	Stage Scale: BBCH
Pest 5 Type: W	Code: VERAG Veronica agrestis	Entry Date: May-8-2023
	Common Name: Procumbent speedwell	Stage Scale: BBCH
Pest 6 Type: W	Code: SETFA Setaria faberi	Entry Date: May-15-2023
	Common Name: Giant foxtail	Stage Scale: BBCH
Pest 7 Type: W	Code: CHEAL Chenopodium album	Entry Date: May-15-2023
	Common Name: common lambsquarters	Stage Scale: BBCH
Pest 8 Type: W	Code: POLPY Persicaria pensylvanica	Entry Date: May-15-2023
	Common Name: annual smartweed	Stage Scale: BBCH
Pest 9 Type: W	Code: AMBTR Ambrosia trifida	Entry Date: May-15-2023
	Common Name: Giant ragweed	Stage Scale: BBCH
Pest10 Type: W	Code: SETPU Setaria helvola	Entry Date: Jun-8-2023
	Common Name: yellow foxtail	Stage Scale: BBCH
Pest11 Type: W	Code: ABUTH Abutilon theophrasti	Entry Date: Jun-8-2023
	Common Name: velvetleaf	Stage Scale: BBCH

Site and Design

Treated Plot Width: 6.67 FT	Site Type: FIELD field
Treated Plot Length: 30 FT	Experimental Unit: 1 PLOT plot
Treated Plot Area: 200.1 FT ²	Tillage Type: NOTILL no-till
Replications: 3	Treatments: 6 Plots: 18
	Study Design: RAOBL Randomized Complete Block (RCB)

Previous
 No. Crop Year
 1. GLXMA 2022

Soil Description

Description Name: F-10 West	Texture: L loam
% Sand: 31	% OM: 1.6
% Silt: 54	Soil Name: Crosby
% Clay: 15	Fert. Level: G good
	pH: 6.5
	CEC: 11

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Application Description

	A	B	C	D	E
Date	Nov-9-2022	Apr-14-2023	May-15-2023	Jun-7-2023	Jun-22-2023
Start Time	9:00 AM	12:01 PM	1:14 PM	9:14 AM	8:05 AM
Stop Time	9:14 AM	12:09 PM	1:17 PM	9:20 AM	8:15 AM
Interval to Prev. Appl.		156 DAYS	31 DAYS	23 DAYS	15 DAYS
Method	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
Timing	FALL	PRE	EPO	OIST	LPO
Placement	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Applied By	Dobbels	Dobbels	Dobbels	ESSMAN	McCormick
Entry Date	Nov-18-2022	Apr-17-2023	May-15-2023	Jun-8-2023	Jun-26-2023
Air Temperature Start, Stop	49, 49 F	74, 74 F	65, 64 F	62, 62 F	66, 66 F
% Relative Humidity Start, Stop	49, 49	45, 45	51, 51	53, 53	82, 82
Wind Velocity+Dir. Start	7 MPH, W	7 MPH, WSW	4 MPH, NNE	5 MPH, NNE	3 MPH, EAST
Wind Velocity+Dir. Stop	7 MPH, W	7 MPH, WSW	4 MPH, NNE	5 MPH, NNE	3 MPH, E
Wind Velocity+Dir. Max	7 MPH, W	7 MPH, WSW	4 MPH, NNE	8 MPH, NNE	3 MPH, E
Wet Leaves (Y/N)	N, no	N, no	N, no	N, no	N, no
Soil Temperature	45 F	56 F	62 F	63 F	61 F
Soil Moisture	VERDRY	NORMAL	SLIWET	DRY	SLIWET
Soil Surface Condition	MEDTRA	MEDTRA	MEDTRA	MEDTRA	MEDTRA
% Cloud Cover	2	95	98	25	15
First Moisture Occurred On	Nov-11-2022	Apr-15-2023	May-16-2023	Jun-11-2023	Jun-23-2023
Time to First Moisture	3.0 DAY	1.0 DAY	1.0 DAY	4.0 DAY	1.0 DAY
Moisture 6 Hours after Appl.	0 IN	0 IN	0 IN	0 IN	0 IN
Moisture 24 Hours after Appl.	0 IN	0 IN	0 IN	0 IN	0.06 IN
Moisture 1 Week after Appl.	1 IN	0.6 IN	0.13 IN	2.09 IN	0.19 IN
Problems with Application?	N, no	N, no	N, no	N, no	N, no

Crop Stage At Each Application

	A	B	C	D	E
Crop 1 Code, BBCH Scale	ZEAMX, BCOR	ZEAMX, BCOR	ZEAMX, BCOR	ZEAMX, BCOR	ZEAMX, BCOR
Days after Emergence	-180	-24	7	30	45
Stage Majority, Percent			12, 100	16, 100	19, 100
Stage Minimum, Percent			12, 100	16, 100	19, 100
Stage Maximum, Percent			12, 100	16, 100	19, 100
Height Average			5 IN	19 IN	36 IN
Height Minimum, Maximum			4, 7	17, 19	34, 38

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Pest Stage At Each Application

	A	B	C	D	E
Pest 1 Code, Type, Scale	STEME, W, BBCH	STEME, W, BBCH	STEME, W, BBCH	STEME, W, BBCH	STEME, W, BBCH
Stage Majority, Percent	18, 80	65, 100	65, 100		
Stage Minimum, Percent	18, 80				
Stage Maximum, Percent	25, 20				
Diameter Average	4 IN	4 IN	6 IN		
Diameter Minimum, Maximum	4, 6	4, 6	6, 10		
Height Average	1 IN	1 IN	1 IN		
Height Minimum, Maximum	1, 2	1, 2	1, 2		
Pest 2 Code, Type, Scale	LAMPU, W, BBCH	LAMPU, W, BBCH	LAMPU, W, BBCH	LAMPU, W, BBCH	LAMPU, W, BBCH
Stage Majority, Percent	14, 80	65, 100	65, 100		
Stage Minimum, Percent	14, 80				
Stage Maximum, Percent	16, 20				
Diameter Average	1.5 IN	2 IN			
Diameter Minimum, Maximum	1, 2	1, 2			
Height Average	1 IN	3 IN	5 IN		
Height Minimum, Maximum	0.5, 1.5	1, 4	4, 6		
Pest 3 Code, Type, Scale	RANAB, W, BBCH	RANAB, W, BBCH	RANAB, W, BBCH	RANAB, W, BBCH	RANAB, W, BBCH
Stage Majority, Percent		14, 80	65, 100		
Stage Minimum, Percent		12, 10			
Stage Maximum, Percent		14, 80			
Diameter Average		3 IN			
Diameter Minimum, Maximum		1, 3			
Height Average		3 IN	8 IN		
Height Minimum, Maximum		2, 4	7, 9		
Pest 4 Code, Type, Scale	ERYRE, W, BBCH	ERYRE, W, BBCH	ERYRE, W, BBCH	ERYRE, W, BBCH	ERYRE, W, BBCH
Stage Majority, Percent		19, 100	65, 100		
Diameter Average		3 IN			
Diameter Minimum, Maximum		2, 3			
Height Average		4 IN	6 IN		
Height Minimum, Maximum		3, 4	6, 6		
Pest 5 Code, Type, Scale	VERAG, W, BBCH	VERAG, W, BBCH	VERAG, W, BBCH	VERAG, W, BBCH	VERAG, W, BBCH
Stage Majority, Percent		65, 100			
Diameter Average		3 IN			
Diameter Minimum, Maximum		2, 33			
Height Average		0.5 IN			
Height Minimum, Maximum		0.25, 0.5			
Pest 6 Code, Type, Scale	SETFA, W, BBCH	SETFA, W, BBCH	SETFA, W, BBCH	SETFA, W, BBCH	SETFA, W, BBCH
Stage Majority, Percent			12, 80	13, 70	14, 70
Stage Minimum, Percent			12, 80	12, 10	12, 10
Stage Maximum, Percent			13, 20	14, 10	15, 10
Height Average			2 IN	4 IN	6 IN
Height Minimum, Maximum			1, 2	3, 6	4, 8
Pest 7 Code, Type, Scale	CHEAL, W, BBCH	CHEAL, W, BBCH	CHEAL, W, BBCH	CHEAL, W, BBCH	CHEAL, W, BBCH
Stage Majority, Percent			16, 70	18, 80	16, 80
Stage Minimum, Percent			14, 10	18, 80	14, 10
Stage Maximum, Percent			18, 10	19, 10	18, 10
Height Average			1.5 IN	3 IN	4 IN
Height Minimum, Maximum			1, 2	2, 3	2, 6
Pest 8 Code, Type, Scale	POLPY, W, BBCH	POLPY, W, BBCH	POLPY, W, BBCH	POLPY, W, BBCH	POLPY, W, BBCH
Stage Majority, Percent			16, 70	19, 100	19, 100
Stage Minimum, Percent			14, 10	19, 100	19, 100
Stage Maximum, Percent			18, 10	19, 100	19, 100
Height Average			1 IN	3 IN	6 IN
Height Minimum, Maximum			1, 2	2, 4	4, 8
Pest 9 Code, Type, Scale	AMBTR, W, BBCH	AMBTR, W, BBCH	AMBTR, W, BBCH	AMBTR, W, BBCH	AMBTR, W, BBCH
Stage Majority, Percent			14, 80		
Stage Minimum, Percent			14, 80		
Stage Maximum, Percent			16, 10		
Height Average			3 IN		
Height Minimum, Maximum			2, 3		
Pest10 Code, Type, Scale	SETPU, W, BBCH	SETPU, W, BBCH	SETPU, W, BBCH	SETPU, W, BBCH	SETPU, W, BBCH
Stage Majority, Percent				13, 70	14, 70
Stage Minimum, Percent				12, 10	12, 10
Stage Maximum, Percent				15, 10	15, 10
Height Average				3 IN	6 IN
Height Minimum, Maximum				3, 5	4, 8
Pest11 Code, Type, Scale	ABUTH, W, BBCH	ABUTH, W, BBCH	ABUTH, W, BBCH	ABUTH, W, BBCH	ABUTH, W, BBCH
Stage Majority, Percent				16, 80	
Stage Minimum, Percent				16, 80	
Stage Maximum, Percent				18, 10	
Height Average				3 IN	
Height Minimum, Maximum				2, 3	

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Application Equipment

	A	B	C	D	E
Equipment Name	6' AIXR	6' AIXR	6' AIXR	6' AIXR	6' AIXR
Equipment Type	BACCAI	BACCAI	BACCAI	BACCAI	BACCAI
Operation Pressure	44 PSI	44 PSI	44 PSI	44 PSI	44 PSI
Nozzle Model	110015	110015	110015	110015	110015
Nozzle Type	AIXR	AIXR	AIXR	AIXR	AIXR
Nozzle TradeName	Air Inducted XR Flat	Air Inducted XR Flat	Air Inducted XR Flat	Air Inducted XR Flat	Air Inducted XR Flat
Nozzle Tip Size, Color	015, grren	015, GREEN	015, GREEN	015, GREEN	015, GREEN
Nozzle Spacing	18 IN	18 IN	18 IN	18 IN	18 IN
Boom Length	6.67 FT	6.67 FT	6.67 FT	6.67 FT	6.67 FT
Boom Height	20 IN	20 IN	20 IN	20 IN	20 IN
Ground Speed	3 MPH	3 MPH	3 MPH	3 MPH	3 MPH
Carrier	WATER	WATER	WATER	WATER	WATER
Water Hardness (ppm CaCO3)	250	250	250	250	250
Application Amount	15 GAL/AC	15 GAL/AC	15 GAL/AC	15 GAL/AC	15 GAL/AC
Mix Size	1 L	1 L	1 L	1 L	1 L
Spray pH	7.8	7.8	7.8	7.8	7.8
Propellant	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2

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Assessed By			
Rating Date		Oct-17-2023	Oct-17-2023
SE Name			
SE Description			
Part Rated		GRAIN, C	GRAIN, C
Rating Type		weight	moicon
Rating Unit/Min/Max		lbs, -, -	%, 0, 100
Sample Size		1 plot	1 qt
Collection Basis		1 plot	1 qt
Reporting Basis		1 plot	1 plot
Number of Subsamples		1	1
Crop Type, Code		C, ZEAMX	C, ZEAMX
Crop Scientific Name		Zea mays	Zea mays
Crop Name		Corn	Corn
Pest Type			
Pest Code			
Pest Scientific Name			
Pest Name			
Days After First/Last Applic.		342, 117	342, 117
Plant-Eval Interval		187 DP-1	187 DP-1
Days After Emergence		162 DE-1	162 DE-1
EDC App			
ARM Action Codes			
Number of Decimals			TY1
Data Entry Date		Oct-18-2023	Oct-18-2023

Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Code	Appl Description	43*	44*	45*
1	Untreated control						42.600b	24.27-	198.6b
1	Gramoxone 200	640 g ai/ha		44 fl oz/a	A				
1	Spreader 90 / KFD-670-01	0.25% v/v			A				
2	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	A		55.230a	21.63-	265.6a
2	Weedmaster	814 g ai/ha		1.5 pt/a	A				
2	Ammonium sulfate spray grade / TPP9053	2.5% w/w		2.5% w/w	A				
2	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	B	At planting or +/- 2 days			
2	Moccasin II Plus	1600 g ai/ha		24 fl oz/a	B	At planting or +/- 2 days			
2	Tricor 75 DF	280 g ai/ha		5.33 oz/a	B	At planting or +/- 2 days			
2	Ammonium sulfate spray grade / TPP9053	2.5% w/w		2.5% w/w	B	At planting or +/- 2 days			
2	Interline - Lifeline	657 g ai/ha		32 fl oz/a	D				
2	Ammonium sulfate spray grade	2.4% w/w		3 lb/a	D				
2	Interline - Lifeline	657 g ai/ha		32 fl oz/a	E				
2	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	E				
3	KFD-721-02	774 g ai/ha		27 fl oz/a	A		61.013a	21.00-	295.8a
3	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	A				
3	Ammonium sulfate spray grade / TPP9053	2.5% w/w		2.5% w/w	A				
3	InterMoc	2000 g ai/ha		64 fl oz/a	C	Delayed PRE/Early POST			
3	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	C	Delayed PRE/Early POST			
3	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	C	Delayed PRE/Early POST			
3	Interline - Lifeline	657 g ai/ha		32 fl oz/a	E				
3	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	E				
4	KFD-721-02	574 g ai/ha		20 fl oz/a	A		58.353a	21.37-	281.6a
4	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	A				
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	A				
4	InterMoc	2000 g ai/ha		64 fl oz/a	C	Delayed PRE/Early POST			
4	RoundUp PowerMAX	1540 g ai/ha		1 qt/a	C	Delayed PRE/Early POST			
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	C	Delayed PRE/Early POST			
4	Interline - Lifeline	657 g ai/ha		32 fl oz/a	E				
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w		3 lb/a	E				

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.
 Due to missing data, the effective replicates used for mean comparisons are: col. 43-46=3
 * Adjusted means
 ^Calculated from residual.

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 Investigator:

Assessed By
 Rating Date Oct-17-2023
 SE Name
 SE Description
 Part Rated GRAIN, C
 Rating Type WEITES
 Rating Unit/Min/Max lbs, -, -
 Sample Size 1 qt
 Collection Basis 1 qt
 Reporting Basis 1 bu
 Number of Subsamples 1
 Crop Type, Code C, ZEAMX
 Crop Scientific Name Zea mays
 Crop Name Corn
 Pest Type
 Pest Code
 Pest Scientific Name
 Pest Name
 Days After First/Last Applic. 342, 117
 Plant-Eval Interval 187 DP-1
 Days After Emergence 162 DE-1
 EDC App
 ARM Action Codes
 Number of Decimals
 Data Entry Date Oct-18-2023

Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Code	Appl Description	46*
		Rate Unit	Rate	Rate	Unit		
1	Untreated control						51.40-
1	Gramoxone 200	640 g ai/ha	44 fl oz/a		A		
1	Spreader 90 / KFD-670-01	0.25% v/v			A		
2	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		A		52.93-
2	Weedmaster	814 g ai/ha	1.5 pt/a		A		
2	Ammonium sulfate spray grade / TPP9053	2.5% w/w	2.5% w/w		A		
2	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		B	At planting or +/- 2 days	
2	Moccasin II Plus	1600 g ai/ha	24 fl oz/a		B	At planting or +/- 2 days	
2	Tricor 75 DF	280 g ai/ha	5.33 oz/a		B	At planting or +/- 2 days	
2	Ammonium sulfate spray grade / TPP9053	2.5% w/w	2.5% w/w		B	At planting or +/- 2 days	
2	Interline - Lifeline	657 g ai/ha	32 fl oz/a		D		
2	Ammonium sulfate spray grade	2.4% w/w	3 lb/a		D		
2	Interline - Lifeline	657 g ai/ha	32 fl oz/a		E		
2	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		E		
3	KFD-721-02	774 g ai/ha	27 fl oz/a		A		52.57-
3	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		A		
3	Ammonium sulfate spray grade / TPP9053	2.5% w/w	2.5% w/w		A		
3	InterMoc	2000 g ai/ha	64 fl oz/a		C	Delayed PRE/Early POST	
3	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		C	Delayed PRE/Early POST	
3	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		C	Delayed PRE/Early POST	
3	Interline - Lifeline	657 g ai/ha	32 fl oz/a		E		
3	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		E		
4	KFD-721-02	574 g ai/ha	20 fl oz/a		A		53.83-
4	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		A		
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		A		
4	InterMoc	2000 g ai/ha	64 fl oz/a		C	Delayed PRE/Early POST	
4	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		C	Delayed PRE/Early POST	
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		C	Delayed PRE/Early POST	
4	Interline - Lifeline	657 g ai/ha	32 fl oz/a		E		
4	Ammonium sulfate spray grade / TPP9053	2.4% w/w	3 lb/a		E		

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Assessed By
 Rating Date Oct-17-2023
 SE Name
 SE Description
 Part Rated GRAIN, C
 Rating Type WEITES
 Rating Unit/Min/Max lbs, -, -
 Sample Size 1 qt
 Collection Basis 1 qt
 Reporting Basis 1 bu
 Number of Subsamples 1
 Crop Type, Code C, ZEAMX
 Crop Scientific Name Zea mays
 Crop Name Corn
 Pest Type
 Pest Code
 Pest Scientific Name
 Pest Name
 Days After First/Last Applic. 342, 117
 Plant-Eval Interval 187 DP-1
 Days After Emergence 162 DE-1
 EDC App
 ARM Action Codes
 Number of Decimals
 Data Entry Date Oct-18-2023

Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Appl Code	Appl Description	
		Rate Unit	Rate Unit	Rate Unit			46*
5	Audit 1:1	26.3 g ai/ha	0.75 oz/a		A		52.97-
5	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		A		
5	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		A		
5	Moccasin II Plus	1600 g ai/ha	24 fl oz/a		B		
5	Tricor 75 DF	280 g ai/ha	5.33 oz/a		B		
5	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		B		
5	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		B		
5	Interline - Lifeline	657 g ai/ha	32 fl oz/a		D		
5	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		D		
5	Interline - Lifeline	657 g ai/ha	32 fl oz/a		E		
5	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		E		
6	H3384ae	26.3 g ai/ha	0.75 oz/a		A		50.53-
6	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		A		
6	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		A		
6	Moccasin II Plus	1600 g ai/ha	24 fl oz/a		B		
6	Tricor 75 DF	280 g ai/ha	5.33 oz/a		B		
6	RoundUp PowerMAX	1540 g ai/ha	1 qt/a		B		
6	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		B		
6	Interline - Lifeline	657 g ai/ha	32 fl oz/a		D		
6	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		D		
6	Interline - Lifeline	657 g ai/ha	32 fl oz/a		E		
6	Ammonium sulfate spray grade / TPP9053	2.4 % w/w	3 lb/a		E		
LSD P=.05							3.015
Standard Deviation							1.657
CV							3.16
Grand Mean							52.372
Levene's F^							1.367
Levene's Prob(F)							0.303
Rank X2							.
P(Rank X2)							.
Shapiro-Wilk^							0.954
P(Shapiro-Wilk)^							0.4917
Skewness^							-0.1077
P(Skewness)^							0.8548
Kurtosis^							1.9626
P(Kurtosis)^							0.0984
Replicate F							1.572
Replicate Prob(F)							0.2548
Treatment F							1.566
Treatment Prob(F)							0.2550

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 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Due to missing data, the effective replicates used for mean comparisons are: col. 43-46=3
 * Adjusted means
 ^Calculated from residual.

The Ohio State University

Fall application of KFD-721/Corn/Weeds

Trial ID: 23UPLFALLCORN1
Protocol ID: H22US-028-ERY-001 Location: Ohio Trial Year: 2022
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Ryan Henry
Investigator:

Part Rated

GRAIN = grain
C = Crop is Part Rated

Rating Type

moicon = moisture content
YIELD = yield
WEITES = weight - test

Rating Unit/Min/Max

%, 0, 100 = percent
BU, , = bushel

plot = total plot
qt = quart
A = acre

plot = total plot
qt = quart

plot = total plot
A = acre

bu = bushel

Crop Type, Code

C = EPPO species (Bayer) codes
ZEAMX, BCOR, Zea mays, Corn = US

Plant-Eval Interval

187 DP-1 = 1 ZEAMX Apr-13-2023

ARM Action Codes

TY1 = $5.18571429 * [43] * (100 - [44]) / 84.5$