Purdue Weed Science

POST and Sequential weed control with Maverick (V-10494) Primary/Core PRE soil residual

Trial ID: 21S-TPAC-CORN-06 Location: TPAC Trial Year: 2021
Protocol ID: 21S-TPAC-CORN-06 Investigator (Creator): Dr. Bill Johnson
Project ID: Study Director:
Sponsor Contact:

Discipline: H herbicide
Trial Status: E established **Trial Reliability:** 1 usable data
ARM Trial Created On: 10/8/2021
Initiation Date: 5/15/2021

Trial Location
City: Lafayette **Country:** USA United States
State/Prov.: Indiana
Postal Code: 47905

Latitude of LL Corner °: 40.291765 N
Longitude of LL Corner °: -86.909494 W

Conducted Under GLP: No
Conducted Under GEP: No
Study Rules: Default

No.	Guideline	Discipline	Description
1.	ADM-C-PUB	CO	Confidentiality - Public Trial - No Secrecy Agreement Required

Objectives:
To evaluate the premix concept of clopyralid plus mesotrione plus pyroxasulfone for use in field corn for pree and post weed control when applied postemergenc e. Treatments will be applied alone and with atrazine (840 g ai/ha) Measure o f success is understanding of competitive position vs. Halex GT, Armezon, Acu ron and Resicor POST and Acuron as a split application.

Crop Description
Crop 1: C ZEAMX Zea mays Corn **BBCH Scale:** BCOR
Entry Date: 10/8/2021 **Stage Scale:** BBCH
Variety: DKC62-52 RIB
Attributes: glyphosate and glufosinate resistant corn
Planting Date: 5/15/2021 **Planting Rate:** 32000 S/A
Depth: 1.5 IN
Rows per Plot: 4 **Planting Method:** PLANTD planted
Row Spacing: 30 IN **Planting Equipment:** PP plot planter
Soil Temperature: 69 F **Soil Moisture:** NORMAL normal, adequate
Emergence Date: 5/23/2021
Harvested Width: 10 FT
% Standard Moisture: 15.5 **Harvested Length:** 27 FT

Pest Description
Pest 1 Type: W **Code:** AMBTR Ambrosia trifida
Common Name: Giant ragweed **Stage Scale:** BBCH

Pest 2 Type: W **Code:** ECHCG Echinochloa crus-galli **Entry Date:** 10/8/2021
Common Name: common barnyardgrass **Stage Scale:** BBCH

Pest 3 Type: W **Code:** CHEAL Chenopodium album **Entry Date:** 10/8/2021
Common Name: common lambsquarters **Stage Scale:** BBCH

Site and Design
Treated Plot Width: 10 FT **Site Type:** FIELD field
Treated Plot Length: 30 FT **Experimental Unit:** 1 PLOT plot
Treated Plot Area: 300.0 FT2 **Treatments:** 10 **Tillage Type:** CONTIL conventional-till
Replications: 4 **Study Design:** RACOBL Randomized Complete Block (RCB)

Maintenance

No.	Date	Type	Maintenance Product Name	Description	Rate	Rate Unit
1.	5/9/2021	FERT	28% N	28% N	60	LB/A

Soil Description
Description Name: TPAC - Field 4BE
% Sand: 21 **% OM:** 3.4 **Texture:** SIL silt loam
% Silt: 54 **pH:** 5.8 **Soil Name:** Toronto-Millbrook complex
% Clay: 25 **CEC:** 13.5 **Fert. Level:** G good

Weather Conditions

Overall Moisture Conditions: FAIR fair

Closest Weather Station: TPAC **Distance:** 0.5 MI

No.	Date	Moisture Total	Unit	Min Temp	Max Temp	Temp Unit
1.	5/1/2021	0	IN	40	63	F
2.	5/2/2021	0	IN	49	74	F
3.	5/3/2021	0.26	IN	56	78	F
4.	5/4/2021	0.01	IN	55	66	F
5.	5/5/2021	0.04	IN	43	59	F
6.	5/6/2021	0	IN	42	61	F
7.	5/7/2021	0.25	IN	38	58	F
8.	5/8/2021	0	IN	32	63	F
9.	5/9/2021	1.43	IN	40	57	F
10.	5/10/2021	0.37	IN	37	47	F
11.	5/11/2021	0.09	IN	39	59	F
12.	5/12/2021	0	IN	36	61	F
13.	5/13/2021	0	IN	38	60	F
14.	5/14/2021	0	IN	41	66	F
15.	5/15/2021	0	IN	46	70	F
16.	5/16/2021	0	IN	53	71	F
17.	5/17/2021	0.35	IN	55	71	F
18.	5/18/2021	0.12	IN	58	63	F
19.	5/19/2021	0	IN	59	72	F
20.	5/20/2021	0	IN	64	75	F
21.	5/21/2021	0	IN	64	84	F
22.	5/22/2021	0	IN	63	83	F
23.	5/23/2021	0	IN	63	85	F
24.	5/24/2021	0	IN	68	85	F
25.	5/25/2021	0	IN	67	88	F
26.	5/26/2021	0.32	IN	66	87	F
27.	5/27/2021	0.19	IN	58	81	F
28.	5/28/2021	0.08	IN	60	80	F
29.	5/29/2021	0.47	IN	43	61	F
30.	5/30/2021	0	IN	41	63	F
31.	5/31/2021	0	IN	43	71	F
32.	6/1/2021	0	IN	57	71	F
33.	6/2/2021	0.04	IN	58	74	F
34.	6/3/2021	0.03	IN	59	87	F
35.	6/4/2021	0	IN	61	82	F
36.	6/5/2021	0	IN	63	88	F
37.	6/6/2021	0	IN	66	86	F
38.	6/7/2021	0.01	IN	69	83	F
39.	6/8/2021	0.1	IN	69	83	F
40.	6/9/2021	0	IN	70	85	F
41.	6/10/2021	0	IN	67	85	F
42.	6/11/2021	0	IN	69	85	F
43.	6/12/2021	0	IN	67	90	F
44.	6/13/2021	0	IN	69	93	F
45.	6/14/2021	0	IN	63	86	F
46.	6/15/2021	0	IN	57	83	F
47.	6/16/2021	0	IN	53	81	F
48.	6/17/2021	0	IN	53	82	F
49.	6/18/2021	0.01	IN	61	86	F
50.	6/19/2021	0.47	IN	67	93	F
51.	6/20/2021	0	IN	67	81	F
52.	6/21/2021	0.1	IN	70	86	F
53.	6/22/2021	0	IN	49	72	F
54.	6/23/2021	0	IN	54	74	F

55.	6/24/2021	0	IN	60	77	F
56.	6/25/2021	1.19	IN	63	79	F
57.	6/26/2021	0.83	IN	70	81	F
58.	6/27/2021	1.05	IN	69	85	F
59.	6/28/2021	0.11	IN	69	86	F
60.	6/29/2021	0	IN	72	88	F
61.	6/30/2021	0	IN	72	89	F
62.	7/1/2021	0.35	IN	70	78	F
63.	7/2/2021	0	IN	55	82	F
64.	7/3/2021	0	IN	53	75	F
65.	7/4/2021	0	IN	57	78	F
66.	7/5/2021	0	IN	67	85	F
67.	7/6/2021	0	IN	68	86	F
68.	7/7/2021	0	IN	71	86	F
69.	7/8/2021	1.29	IN	67	86	F
70.	7/9/2021	0.05	IN	59	80	F
71.	7/10/2021	0.03	IN	61	73	F
72.	7/11/2021	0.1	IN	65	76	F
73.	7/12/2021	1.3	IN	66	76	F
74.	7/13/2021	0.4	IN	67	82	F
75.	7/14/2021	0.08	IN	65	79	F
76.	7/15/2021	0	IN	66	82	F
77.	7/16/2021	0.16	IN	69	86	F
78.	7/17/2021	0.1	IN	66	78	F
79.	7/18/2021	0.01	IN	66	80	F
80.	7/19/2021	0	IN	61	83	F
81.	7/20/2021	0	IN	61	82	F
82.	7/21/2021	0	IN	64	83	F
83.	7/22/2021	0	IN	64	79	F
84.	7/23/2021	0	IN	67	83	F
85.	7/24/2021	0	IN	71	86	F
86.	7/25/2021	0	IN	69	87	F
87.	7/26/2021	0	IN	65	88	F
88.	7/27/2021	0	IN	62	87	F
89.	7/28/2021	0	IN	66	86	F
90.	7/29/2021	0	IN	70	87	F
91.	7/30/2021	0	IN	65	88	F
92.	7/31/2021	0	IN	62	78	F
93.	8/1/2021	0	IN	57	73	F
94.	8/2/2021	0	IN	52	80	F
95.	8/3/2021	0	IN	54	77	F
96.	8/4/2021	0	IN	55	80	F
97.	8/5/2021	0	IN	54	81	F
98.	8/6/2021	0	IN	61	83	F
99.	8/7/2021	0	IN	67	82	F
100.	8/8/2021	0	IN	67	85	F
101.	8/9/2021	0	IN	69	86	F
102.	8/10/2021	0	IN	71	80	F
103.	8/11/2021	0	IN	74	90	F
104.	8/12/2021	0.1	IN	75	88	F
105.	8/13/2021	0.24	IN	67	78	F
106.	8/14/2021	0	IN	60	86	F
107.	8/15/2021	0	IN	53	81	F

Application Description

	A	B	C
Application Date	5/15/2021	6/1/2021	6/11/2021
Appl. Start Time	11:27 AM	12:14 PM	3:51 PM
Appl. Stop Time	11:33 AM	12:38 PM	3:59 PM
Interval to Prev. Appl.		17 DAYS	10 DAYS
Application Method	SPRAY	SPRAY	SPRAY
Application Timing	PREPRE	EAPOCR	POSPOS
Application Placement	BROADC	BROADC	BROADC
Appl. Entry Date	10/8/2021	10/8/2021	10/8/2021
Air Temperature Start, Stop	71, 71 F	70, 70 F	92, 92 F
% Relative Humidity Start, Stop	39, 39	57, 57	48, 48
Wind Velocity+Dir. Start	8 MPH, S	3.8 MPH, N	5 MPH, N
Wind Velocity+Dir. Stop	8 MPH, S	3.8 MPH, N	5 MPH, N
Wind Velocity+Dir. Max	8 MPH, S	3.8 MPH, N	5 MPH, N
Wet Leaves (Y/N)	N, no	N, no	N, no
Soil Temperature	68 F	65 F	105 F
Soil Moisture	NORMAL	NORMAL	DRY
% Cloud Cover	50	100	50

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale	ZEAMX, BCOR	ZEAMX, BCOR	ZEAMX, BCOR
Days after Emergence	-8	9	19
Stage Majority, Percent	00, -	12, -	14, -
Stage Minimum, Percent	00, -	12, -	13, -
Stage Maximum, Percent	00, -	12, -	15, -
Height Average	0 IN	4 IN	12 IN
Height Minimum, Maximum		3, 5	11, 14

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale	AMBTR, W, BBCH	AMBTR, W, BBCH	AMBTR, W, BBCH
Stage Majority, Percent	00, -	14, -	19, -
Stage Minimum, Percent	00, -	12, -	16, -
Stage Maximum, Percent	00, -	14, -	19, -
Height Average	0 IN	2 IN	8 IN
Height Minimum, Maximum		0.5, 4	6, 8
Density Average		3 FT2	6 FT2
Density Minimum, Maximum		2, 5	5, 10
Pest 2 Code, Type, Scale	ECHCG, W, BBCH	ECHCG, W, BBCH	ECHCG, W, BBCH
Stage Majority, Percent	00, -	13, -	16, -
Stage Minimum, Percent	00, -	11, -	14, -
Stage Maximum, Percent	00, -	14, -	18, -
Height Average	0 IN	1 IN	6 IN
Height Minimum, Maximum		0.25, 2	5, 10
Density Average		10 FT2	5 FT2
Density Minimum, Maximum		5, 15	5, 10
Pest 3 Code, Type, Scale	CHEAL, W, BBCH	CHEAL, W, BBCH	CHEAL, W, BBCH
Stage Majority, Percent	00, -	14, -	16, -
Stage Minimum, Percent	00, -	11, -	14, -
Stage Maximum, Percent	00, -	16, -	19, -
Height Average	0 IN	0.5 IN	4 IN
Height Minimum, Maximum		0.25, 1	2, 6
Density Average		2 FT2	2 FT2
Density Minimum, Maximum		0, 5	0, 5

Application Equipment

	A	B	C
Appl. Equipment	CO2 BACKPACK	CO2 BACKPACK	CO2 BACKPACK
Equipment Type	BACSPR	BACCAI	BACCAI
Operation Pressure	19 PSI	30 PSI	30 PSI
Nozzle Model	XR	AIXR	AIXR
Nozzle Type	FLAFXR	FLAFAI	FLAFAI
Nozzle Spacing	15.0 IN	15.0 IN	15.0 IN
Nozzles/Row	8.0	8.0	8.0
Boom Length	10.0 FT	10.0 FT	10.0 FT
Boom Height	17.0 IN	20.0 IN	27.0 IN
Ground Speed	3 MPH	3 MPH	3 MPH
Carrier	WATER	WATER	WATER
Application Amount	15 GAL/AC	15 GAL/AC	15 GAL/AC
Mix Size	1.8 L	1.8 L	1.8 L
Propellant	COMCO2	COMCO2	COMCO2
Tank Mix (Y/N)	Y, yes	Y, yes	Y, yes

Purdue Weed Science

POST and Sequential weed control with Maverick (V-10494) Primary/Core PRE soil residual

Trial ID: 21S-TPAC-CORN-06 Location: TPAC Trial Year: 2021
Protocol ID: 21S-TPAC-CORN-06 Investigator (Creator): Dr. Bill Johnson
Project ID: Study Director:
Sponsor Contact:

Pest Type							W, Weed	W, Weed
Pest Code							AMBTR	CHEAL
Pest Scientific Name							Ambrosia trifida	Chenopodium alb>
Pest Name							Giant ragweed	common lambsqua>
Crop Type, Code			C, ZEAMX	C, ZEAMX	C, ZEAMX	C, ZEAMX		
BBCH Scale			BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name			Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name			Corn	Corn	Corn	Corn		
Rating Date			5/29/2021	6/11/2021	6/25/2021	7/9/2021	6/11/2021	6/11/2021
Part Rated			PLANT, C	PLANT, C	PLANT, C	PLANT, C	PLANT, P	PLANT, P
Rating Type			PHYGEN	PHYGEN	PHYGEN	PHYGEN	CONTRO	CONTRO
Rating Unit/Min/Max			%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size								
Number of Subsamples			1	1	1	1	1	1
Data Entry Date			10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing			14 DAA	10 DAB	14 DAC	28 DAC	27 DAA	27 DAA
Days After First/Last Applic.			14, 14	27, 10	41, 14	55, 28	27, 10	27, 10
Plant-Eval Interval			14 DP-1	27 DP-1	41 DP-1	55 DP-1	27 DP-1	27 DP-1
Days After Emergence			6 DE-1	19 DE-1	33 DE-1	47 DE-1	19 DE-1	19 DE-1
ARM Action Codes								
Number of Decimals								
Trt No.	Treatment Name	Rate / Rate Unit	Appl Code	1	2	3	4	5	6
1	UNTREATED CHECK			0.0	0.0	0.0	0.0	0.0	0.0
2	ACURON HERBICIDE	3 PT/A	B		0.0 -	0.0 -	0.0 -		
	ROUNDUP POWER MAX(AE)	1 QT/A	B						
	AMSOL	3 LB AI/A	B						
3	HALEX GT	2 QT/A	B		0.0 -	0.0 -	0.0 -		
	AMSOL	3 LB AI/A	B						
4	ARMEZON PRO	24 FL OZ/A	B		0.0 -	0.0 -	0.0 -		
	ROUNDUP POWER MAX(AE)	1 QT/A	B						
	AMSOL	3 LB AI/A	B						
5	RESICORE	44 FL OZ/A	B		0.8 -	0.0 -	0.0 -		
	ROUNDUP POWER MAX(AE)	1 QT/A	B						
	AMSOL	3 LB AI/A	B						
6	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B		0.0 -	0.0 -	0.0 -		
	ROUNDUP POWER MAX(AE)	1 QT/A	B						
	AMSOL	3 LB AI/A	B						
7	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B		0.0 -	0.0 -	0.0 -		
	AATREX	0.75 LB AI/A	B						
	ROUNDUP POWER MAX(AE)	1 QT/A	B						
	AMSOL	3 LB AI/A	B						
8	ACURON HERBICIDE	1.5 QT/A	A	0.0 -	0.0 -	0.0 -	0.0 -	83.8 -	100.0 -
	ACURON HERBICIDE	1.5 QT/A	C						
	ROUNDUP POWER MAX(AE)	1 QT/A	C						
	AMSOL	3 LB AI/A	C						
9	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	0.0 -	0.0 -	0.0 -	0.0 -	93.8 -	100.0 -
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C						
	ROUNDUP POWER MAX(AE)	1 QT/A	C						
	AMSOL	3 LB AI/A	C						

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type							W, Weed	W, Weed
Pest Code							AMBTR	CHEAL
Pest Scientific Name							Ambrosia trifida	Chenopodium alb>
Pest Name							Giant ragweed	common lambsqua>
Crop Type, Code			C, ZEAMX	C, ZEAMX	C, ZEAMX	C, ZEAMX		
BBCH Scale			BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name			Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name			Corn	Corn	Corn	Corn		
Rating Date			5/29/2021	6/11/2021	6/25/2021	7/9/2021	6/11/2021	6/11/2021
Part Rated			PLANT, C	PLANT, C	PLANT, C	PLANT, C	PLANT, P	PLANT, P
Rating Type			PHYGEN	PHYGEN	PHYGEN	PHYGEN	CONTRO	CONTRO
Rating Unit/Min/Max			%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size								
Number of Subsamples			1	1	1	1	1	1
Data Entry Date			10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing			14 DAA	10 DAB	14 DAC	28 DAC	27 DAA	27 DAA
Days After First/Last Applic.			14, 14	27, 10	41, 14	55, 28	27, 10	27, 10
Plant-Eval Interval			14 DP-1	27 DP-1	41 DP-1	55 DP-1	27 DP-1	27 DP-1
Days After Emergence			6 DE-1	19 DE-1	33 DE-1	47 DE-1	19 DE-1	19 DE-1
ARM Action Codes								
Number of Decimals								
Trt No.	Treatment Name	Rate / Rate Unit	Appl Code	1	2	3	4	5	6
10	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	0.0 -	0.0 -	0.0 -	0.0 -	91.8 -	100.0 -
	AATREX	0.5 LB AI/A	A						
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C						
	AATREX	0.5 LB AI/A	C						
	ROUNDUP POWER MAX(AE)	1 QT/A	C						
	AMSOL	3 LB AI/A	C						
LSD P=.05				.	0.73	.	.	8.12	.
Standard Deviation				0.00	0.50	0.00	0.00	4.69	0.00
CV				0.0	600.0	0.0	0.0	5.23	0.0
Grand Mean				0.00	0.08	0.00	0.00	89.75	100.00
Levene's F^				.	0.681	.	.	0.507	.
Levene's Prob(F)				.	0.704	.	.	0.619	.
Rank X2				.	.	.	.	.	.
P(Rank X2)				.	.	.	.	.	.
Skewness^				.	2.9835*	.	.	-1.3061*	.
Kurtosis^				.	15.913*	.	.	2.3854	.
Replicate F				0.000	1.000	0.000	0.000	0.640	0.000
Replicate Prob(F)				1.0000	0.4098	1.0000	1.0000	0.6165	1.0000
Treatment F				0.000	1.000	0.000	0.000	5.091	0.000
Treatment Prob(F)				1.0000	0.4613	1.0000	1.0000	0.0510	1.0000

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type			W, Weed	W, Weed	W, Weed	W, Weed
Pest Code			ECHCG	AMBTR	CHEAL	ECHCG
Pest Scientific Name			Echinochloa cru>	Ambrosia trifida	Chenopodium alb>	Echinochloa cru>
Pest Name			common barnyard>	Giant ragweed	common lambsqua>	common barnyard>
Crop Type, Code						
BBCH Scale						
Crop Scientific Name						
Crop Name						
Rating Date			6/11/2021	6/29/2021	6/29/2021	6/29/2021
Part Rated			PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type			CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max			%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size						
Number of Subsamples			1	1	1	1
Data Entry Date			10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing			27 DAA	28 DAB	28 DAB	28 DAB
Days After First/Last Applic.			27, 10	45, 18	45, 18	45, 18
Plant-Eval Interval			27 DP-1	45 DP-1	45 DP-1	45 DP-1
Days After Emergence			19 DE-1	37 DE-1	37 DE-1	37 DE-1
ARM Action Codes						
Number of Decimals						
Trt No.	Treatment Name	Rate Rate Unit	Appl Code	7	8	9	10
1	UNTREATED CHECK			0.0	0.0	0.0	0.0
2	ACURON HERBICIDE	3 PT/A	B		100.0 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
3	HALEX GT	2 QT/A	B		99.3 -	100.0 -	100.0 -
	AMSOL	3 LB AI/A	B				
4	ARMEZON PRO	24 FL OZ/A	B		98.0 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
5	RESICORE	44 FL OZ/A	B		99.8 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
6	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B		99.3 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
7	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B		100.0 -	100.0 -	100.0 -
	AATREX	0.75 LB AI/A	B				
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
8	ACURON HERBICIDE	1.5 QT/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	ACURON HERBICIDE	1.5 QT/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				
9	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	98.8 -	100.0 -	100.0 -	100.0 -
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type				W, Weed	W, Weed	W, Weed	W, Weed
Pest Code				ECHCG	AMBTR	CHEAL	ECHCG
Pest Scientific Name				Echinochloa cru>	Ambrosia trifida	Chenopodium alb>	Echinochloa cru>
Pest Name				common barnyard>	Giant ragweed	common lambsqua>	common barnyard>
Crop Type, Code							
BBCH Scale							
Crop Scientific Name							
Crop Name							
Rating Date				6/11/2021	6/29/2021	6/29/2021	6/29/2021
Part Rated				PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type				CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max				%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size							
Number of Subsamples				1	1	1	1
Data Entry Date				10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing				27 DAA	28 DAB	28 DAB	28 DAB
Days After First/Last Applic.				27, 10	45, 18	45, 18	45, 18
Plant-Eval Interval				27 DP-1	45 DP-1	45 DP-1	45 DP-1
Days After Emergence				19 DE-1	37 DE-1	37 DE-1	37 DE-1
ARM Action Codes							
Number of Decimals							
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	7	8	9	10
10	V-10494 2.04 LBAI/GAL SC 2146	18	FL OZ/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	AATREX	0.5	LB AI/A	A				
	V-10494 2.04 LBAI/GAL SC 2146	14	FL OZ/A	C				
	AATREX	0.5	LB AI/A	C				
	ROUNDUP POWER MAX(AE)	1	QT/A	C				
	AMSOL	3	LB AI/A	C				
LSD P=.05					2.50	1.63	.	.
Standard Deviation					1.44	1.12	0.00	0.00
CV					1.45	1.12	0.0	0.0
Grand Mean					99.58	99.58	100.00	100.00
Levene's F^						3.226	.	.
Levene's Prob(F)						0.011*	.	.
Rank X2					.	.	.	.
P(Rank X2)					.	.	.	.
Skewness^					-3.4641*	-0.8803*	.	.
Kurtosis^					12.0*	2.9504*	.	.
Replicate F					1.000	0.616	0.000	0.000
Replicate Prob(F)					0.4547	0.6114	1.0000	1.0000
Treatment F					1.000	1.453	0.000	0.000
Treatment Prob(F)					0.4219	0.2262	1.0000	1.0000

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type			W, Weed	W, Weed	W, Weed	W, Weed
Pest Code			AMBTR	CHEAL	ECHCG	AMBTR
Pest Scientific Name			Ambrosia trifida	Chenopodium alb>	Echinochloa cru>	Ambrosia trifida
Pest Name			Giant ragweed	common lambsqua>	common barnyard>	Giant ragweed
Crop Type, Code						
BBCH Scale						
Crop Scientific Name						
Crop Name						
Rating Date			7/9/2021	7/9/2021	7/9/2021	7/23/2021
Part Rated			PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type			CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max			%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size						
Number of Subsamples			1	1	1	1
Data Entry Date			10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing			28 DAC	28 DAC	28 DAC	42 DAC
Days After First/Last Applic.			55, 28	55, 28	55, 28	69, 42
Plant-Eval Interval			55 DP-1	55 DP-1	55 DP-1	69 DP-1
Days After Emergence			47 DE-1	47 DE-1	47 DE-1	61 DE-1
ARM Action Codes						
Number of Decimals						
Trt No.	Treatment Name	Rate Rate Unit	Appl Code	11	12	13	14
1	UNTREATED CHECK			0.0	0.0	0.0	0.0
2	ACURON HERBICIDE	3 PT/A	B	100.0 -	100.0 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
3	HALEX GT	2 QT/A	B	98.8 -	100.0 -	100.0 -	98.8 -
	AMSOL	3 LB AI/A	B				
4	ARMEZON PRO	24 FL OZ/A	B	97.5 -	100.0 -	100.0 -	97.5 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
5	RESICORE	44 FL OZ/A	B	98.8 -	100.0 -	100.0 -	98.8 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
6	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	98.8 -	100.0 -	100.0 -	98.8 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
7	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	100.0 -	100.0 -	100.0 -	100.0 -
	AATREX	0.75 LB AI/A	B				
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
8	ACURON HERBICIDE	1.5 QT/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	ACURON HERBICIDE	1.5 QT/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				
9	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type				W, Weed	W, Weed	W, Weed	W, Weed
Pest Code				AMBTR	CHEAL	ECHCG	AMBTR
Pest Scientific Name				Ambrosia trifida	Chenopodium alb>	Echinochloa cru>	Ambrosia trifida
Pest Name				Giant ragweed	common lambsqua>	common barnyard>	Giant ragweed
Crop Type, Code							
BBCH Scale							
Crop Scientific Name							
Crop Name							
Rating Date				7/9/2021	7/9/2021	7/9/2021	7/23/2021
Part Rated				PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type				CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max				%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size							
Number of Subsamples				1	1	1	1
Data Entry Date				10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing				28 DAC	28 DAC	28 DAC	42 DAC
Days After First/Last Applic.				55, 28	55, 28	55, 28	69, 42
Plant-Eval Interval				55 DP-1	55 DP-1	55 DP-1	69 DP-1
Days After Emergence				47 DE-1	47 DE-1	47 DE-1	61 DE-1
ARM Action Codes							
Number of Decimals							
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	11	12	13	14
10	V-10494 2.04 LBAI/GAL SC 2146	18	FL OZ/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	AATREX	0.5	LB AI/A	A				
	V-10494 2.04 LBAI/GAL SC 2146	14	FL OZ/A	C				
	AATREX	0.5	LB AI/A	C				
	ROUNDUP POWER MAX(AE)	1	QT/A	C				
	AMSOL	3	LB AI/A	C				
LSD P=.05					2.56	.	.	2.56
Standard Deviation					1.75	0.00	0.00	1.75
CV					1.76	0.0	0.0	1.76
Grand Mean					99.31	100.00	100.00	99.31
Levene's F^					1.609	.	.	1.609
Levene's Prob(F)					0.169	.	.	0.169
Rank X2					.	.	.	.
P(Rank X2)					.	.	.	.
Skewness^					-0.8954*	.	.	-0.8954*
Kurtosis^					0.9434	.	.	0.9434
Replicate F					0.830	0.000	0.000	0.830
Replicate Prob(F)					0.4903	1.0000	1.0000	0.4903
Treatment F					1.075	0.000	0.000	1.075
Treatment Prob(F)					0.4123	1.0000	1.0000	0.4123

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type			W, Weed	W, Weed	W, Weed	W, Weed
Pest Code			CHEAL	ECHCG	AMBTR	CHEAL
Pest Scientific Name			Chenopodium alb>	Echinochloa cru>	Ambrosia trifida	Chenopodium alb>
Pest Name			common lambsqua>	common barnyard>	Giant ragweed	common lambsqua>
Crop Type, Code						
BBCH Scale						
Crop Scientific Name						
Crop Name						
Rating Date			7/23/2021	7/23/2021	8/6/2021	8/6/2021
Part Rated			PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type			CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max			%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size						
Number of Subsamples			1	1	1	1
Data Entry Date			10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing			42 DAC	42 DAC	56 DAC	56 DAC
Days After First/Last Applic.			69, 42	69, 42	83, 56	83, 56
Plant-Eval Interval			69 DP-1	69 DP-1	83 DP-1	83 DP-1
Days After Emergence			61 DE-1	61 DE-1	75 DE-1	75 DE-1
ARM Action Codes						
Number of Decimals						
Trt No.	Treatment Name	Rate Rate Unit	Appl Code	15	16	17	18
1	UNTREATED CHECK			0.0	0.0	0.0	0.0
2	ACURON HERBICIDE	3 PT/A	B	100.0 -	100.0 -	100.0 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
3	HALEX GT	2 QT/A	B	100.0 -	100.0 -	98.8 -	100.0 -
	AMSOL	3 LB AI/A	B				
4	ARMEZON PRO	24 FL OZ/A	B	100.0 -	100.0 -	97.5 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
5	RESICORE	44 FL OZ/A	B	100.0 -	100.0 -	98.8 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
6	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	100.0 -	100.0 -	98.8 -	100.0 -
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
7	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	100.0 -	100.0 -	100.0 -	100.0 -
	AATREX	0.75 LB AI/A	B				
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
8	ACURON HERBICIDE	1.5 QT/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	ACURON HERBICIDE	1.5 QT/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				
9	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type				W, Weed	W, Weed	W, Weed	W, Weed
Pest Code				CHEAL	ECHCG	AMBTR	CHEAL
Pest Scientific Name				Chenopodium alb>	Echinochloa cru>	Ambrosia trifida	Chenopodium alb>
Pest Name				common lambsqua>	common barnyard>	Giant ragweed	common lambsqua>
Crop Type, Code							
BBCH Scale							
Crop Scientific Name							
Crop Name							
Rating Date				7/23/2021	7/23/2021	8/6/2021	8/6/2021
Part Rated				PLANT, P	PLANT, P	PLANT, P	PLANT, P
Rating Type				CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit/Min/Max				%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Sample Size							
Number of Subsamples				1	1	1	1
Data Entry Date				10/8/2021	10/8/2021	10/8/2021	10/8/2021
Rating Timing				42 DAC	42 DAC	56 DAC	56 DAC
Days After First/Last Applic.				69, 42	69, 42	83, 56	83, 56
Plant-Eval Interval				69 DP-1	69 DP-1	83 DP-1	83 DP-1
Days After Emergence				61 DE-1	61 DE-1	75 DE-1	75 DE-1
ARM Action Codes							
Number of Decimals							
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	15	16	17	18
10	V-10494 2.04 LBAI/GAL SC 2146	18	FL OZ/A	A	100.0 -	100.0 -	100.0 -	100.0 -
	AATREX	0.5	LB AI/A	A				
	V-10494 2.04 LBAI/GAL SC 2146	14	FL OZ/A	C				
	AATREX	0.5	LB AI/A	C				
	ROUNDUP POWER MAX(AE)	1	QT/A	C				
	AMSOL	3	LB AI/A	C				
LSD P=.05					.	.	2.56	.
Standard Deviation					0.00	0.00	1.75	0.00
CV					0.0	0.0	1.76	0.0
Grand Mean					100.00	100.00	99.31	100.00
Levene's F^					.	.	1.609	.
Levene's Prob(F)					.	.	0.169	.
Rank X2					.	.	.	.
P(Rank X2)					.	.	.	.
Skewness^					.	.	-0.8954*	.
Kurtosis^					.	.	0.9434	.
Replicate F					0.000	0.000	0.830	0.000
Replicate Prob(F)					1.0000	1.0000	0.4903	1.0000
Treatment F					0.000	0.000	1.075	0.000
Treatment Prob(F)					1.0000	1.0000	0.4123	1.0000

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type			W, Weed			
Pest Code			ECHCG			
Pest Scientific Name			Echinochloa cru>			
Pest Name			common barnyard>			
Crop Type, Code				C, ZEAMX	C, ZEAMX	C, ZEAMX
BBCH Scale				BCOR	BCOR	BCOR
Crop Scientific Name				Zea mays	Zea mays	Zea mays
Crop Name				Corn	Corn	Corn
Rating Date			8/6/2021	10/19/2021	10/19/2021	10/19/2021
Part Rated			PLANT, P	PLANT, C	PLANT, C	PLANT, C
Rating Type			CONTRO	WEIGHT	MOICON	YIELD
Rating Unit/Min/Max			%, 0, 100	LB, -, -	%, 0, 100	BU, -, -
Sample Size				1 PLOT		1 A
Number of Subsamples			1	1	1	1
Data Entry Date			10/8/2021	12/10/2021	12/10/2021	
Rating Timing			56 DAC	HARVEST	HARVEST	HARVEST
Days After First/Last Applic.			83, 56	157, 130	157, 130	157, 130
Plant-Eval Interval			83 DP-1	157 DP-1	157 DP-1	157 DP-1
Days After Emergence			75 DE-1	149 DE-1	149 DE-1	149 DE-1
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate Rate Unit	Appl Code	19	20	21	22
1	UNTREATED CHECK			0.0	15.703	16.50	44.7
2	ACURON HERBICIDE	3 PT/A	B	100.0 -	68.215 ab	17.78 -	191.3 ab
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
3	HALEX GT	2 QT/A	B	100.0 -	64.643 bc	16.60 -	183.8 bc
	AMSOL	3 LB AI/A	B				
4	ARMEZON PRO	24 FL OZ/A	B	100.0 -	57.503 c	17.08 -	162.5 cd
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
5	RESICORE	44 FL OZ/A	B	100.0 -	67.630 ab	17.35 -	190.6 ab
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
6	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	100.0 -	56.300 c	16.98 -	159.4 d
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
7	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	B	100.0 -	69.520 ab	17.28 -	196.1 ab
	AATREX	0.75 LB AI/A	B				
	ROUNDUP POWER MAX(AE)	1 QT/A	B				
	AMSOL	3 LB AI/A	B				
8	ACURON HERBICIDE	1.5 QT/A	A	100.0 -	69.615 ab	17.83 -	195.0 ab
	ACURON HERBICIDE	1.5 QT/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				
9	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	100.0 -	70.563 ab	17.28 -	199.0 ab
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Pest Type			W, Weed			
Pest Code			ECHCG			
Pest Scientific Name			Echinochloa cru>			
Pest Name			common barnyard>			
Crop Type, Code				C, ZEAMX	C, ZEAMX	C, ZEAMX
BBCH Scale				BCOR	BCOR	BCOR
Crop Scientific Name				Zea mays	Zea mays	Zea mays
Crop Name				Corn	Corn	Corn
Rating Date			8/6/2021	10/19/2021	10/19/2021	10/19/2021
Part Rated			PLANT, P	PLANT, C	PLANT, C	PLANT, C
Rating Type			CONTRO	WEIGHT	MOICON	YIELD
Rating Unit/Min/Max			%, 0, 100	LB, -, -	%, 0, 100	BU, -, -
Sample Size				1 PLOT		1 A
Number of Subsamples			1	1	1	1
Data Entry Date			10/8/2021	12/10/2021	12/10/2021	
Rating Timing			56 DAC	HARVEST	HARVEST	HARVEST
Days After First/Last Applic.			83, 56	157, 130	157, 130	157, 130
Plant-Eval Interval			83 DP-1	157 DP-1	157 DP-1	157 DP-1
Days After Emergence			75 DE-1	149 DE-1	149 DE-1	149 DE-1
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate / Rate Unit	Appl Code	19	20	21	22
10	V-10494 2.04 LBAI/GAL SC 2146	18 FL OZ/A	A	100.0 -	75.378 a	17.40 -	212.3 a
	AATREX	0.5 LB AI/A	A				
	V-10494 2.04 LBAI/GAL SC 2146	14 FL OZ/A	C				
	AATREX	0.5 LB AI/A	C				
	ROUNDUP POWER MAX(AE)	1 QT/A	C				
	AMSOL	3 LB AI/A	C				
LSD P=.05				.	8.7568	0.772	24.29
Standard Deviation				0.00	5.9865	0.528	16.61
CV				0.0	8.99	3.05	8.85
Grand Mean				100.00	66.5962	17.283	187.76
Levene's F^				.	2.693	0.76	2.41
Levene's Prob(F)				.	0.027*	0.64	0.043*
Rank X2				.	.	.	.
P(Rank X2)				.	.	.	.
Skewness^				.	-0.0273	-0.1646	-0.0505
Kurtosis^				.	0.0792	1.8252*	0.1658
Replicate F				0.000	7.111	1.035	7.468
Replicate Prob(F)				1.0000	0.0015	0.3955	0.0012
Treatment F				0.000	4.279	2.079	4.224
Treatment Prob(F)				1.0000	0.0029	0.0812	0.0031

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Untreated treatment(s) 1 excluded from analysis.
Missing data estimates are included in columns:Average=20,21,22
Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,12,13,15,16,18,19 because error mean square = 0.
^Calculated from residual.

Purdue Weed Science

POST and Sequential weed control with Maverick (V-10494) Primary/Core PRE soil residual

Trial ID: 21S-TPAC-CORN-06 Location: TPAC Trial Year: 2021
Protocol ID: 21S-TPAC-CORN-06 Investigator (Creator): Dr. Bill Johnson
Project ID: Study Director:
Sponsor Contact:

Pest Type
W, Weed = Weed or volunteer crop
Pest Code
AMBTR, Ambrosia trifida, Giant ragweed = US
CHEAL, Chenopodium album, common lambsquarters = US
ECHCG, Echinochloa crus-galli, common barnyardgrass = US
Crop Type, Code
C = EPPO species (Bayer) codes
ZEAMX, BCOR, Zea mays, Corn = US
Part Rated
PLANT = plant
C = Crop is Part Rated
P = Pest is Part Rated
Rating Type
PHYGEN = phytotoxicity - general / injury
CONTRO = control / burndown or knockdown
WEIGHT = weight
MOICON = moisture content
YIELD = yield
Rating Unit/Min/Max
%, 0, 100 = percent
LB, , = pound
BU, , = bushel

PLOT = total plot
A = acre
Plant-Eval Interval
14 DP-1 = 1 ZEAMX 5/15/2021
27 DP-1 = 1 ZEAMX 5/15/2021
41 DP-1 = 1 ZEAMX 5/15/2021
55 DP-1 = 1 ZEAMX 5/15/2021
45 DP-1 = 1 ZEAMX 5/15/2021
69 DP-1 = 1 ZEAMX 5/15/2021
83 DP-1 = 1 ZEAMX 5/15/2021
157 DP-1 = 1 ZEAMX 5/15/2021
ARM Action Codes
TY1 = 2.88095238*[C20]*(100-[C21])/84.5