

Residual weed control in corn

Trial ID: C03-21 Study Dir.: Burns
 Conducted: Campus C-28 Investigator: Burns

Planting Date: May-11-2021 **Row Spacing:** 30 IN
Variety: DKC 49-44 **No. of Reps:** 4
Population: 31500 S/A **% OM:** 2.9
Soil Type: SL sandy loam **pH:** 5.9
Plot Size: 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall chisel plowed: spring soil finished twice
Fertilizer: 300 lbs/A urea incorporated
 12 G/A 19-19-19 starter

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1	ANGR	mainly foxtail species	Annual grasses
2	CHEAL	Common lambsquarters	Chenopodium album
3	AMAPO	Powell amaranth	Amaranthus powellii
4	AMBEL	Common ragweed	Ambrosia artemisiifolia
5	ABUTH	velvetleaf	Abutilon theophrasti
Crop	Code	Common Name	
1	ZEAMX	Corn	

Application Description

	A	B
Application Timing:	PRE	EPOS
Date Treated:	May-12-2021	Jun-2-2021
Time Treated:	11:57 AM	2:29 PM
% Cloud Cover:	15	90
Air Temp., Unit:	62.5 F	72.9 F
% Relative Humidity:	37	50.7
Wind Speed/Unit/Dir:	3.5 MPH NW	4.3 MPH N
Soil Temp, Unit:	55 F	80 F
Leaf Moist/Dew Presence (Y/N):		
Soil Moist:	4	5

Crop Stage at Each Application

	A	B
Crop 1 Name:	ZEAMX	ZEAMX
Height:		5 IN
Stage:		V1-2

Weed Stage at Each Application

	A	B
Weed 1 Name:	ANGR	ANGR
Height:		1 IN
Stage:		3 L
Weed 2 Name:	CHEAL	CHEAL
Height:		1 IN
Stage:		6 L
Weed 3 Name:	AMAPO	AMAPO
Height:		2 IN
Stage:		8 L
Weed 4 Name:	AMBEL	AMBEL
Height:		1 IN
Stage:		4 L
Weed 5 Name:	ABUTH	ABUTH
Height:		1 IN
Stage:		6 L

Application Equipment

Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	BKPK	3 MPH	AIXR	11003	22.0 "	20.0 "	100.0 "	19 GAL/AC	WATER	32 PSI
B	BKPK	3 MPH	AIXR	11003	24.0 "	20.0 "	100.0 "	19 GAL/AC	WATER	32 PSI

Comments:

Location: 42.708915, -84.465936

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Pest Type			ANGR	CHEAL	AMAPO
Pest Code			annual grasses	common lambsquarters	Powell amaranth
Pest Name					
Crop Type, Code	ZEAMX	ZEAMX			
Crop Name	Corn	Corn			
Rating Date	May-28-2021	Jun-4-2021	Jun-4-2021	Jun-4-2021	Jun-4-2021
Rating Type	Injury	Injury	Control	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	16 DA-A	23 DA-A	23 DA-A	23 DA-A	2 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code					
1	Warrant	48 fl oz/a		A	0.0	0.0	95.8	98.3	99.0
2	MON 301668	30 fl oz/a		A	0.0	0.0	98.5	97.3	100.0
3	Warrant	96 fl oz/a		A	0.0	0.0	95.8	93.3	100.0
4	MON 301668	63 fl oz/a		A	0.0	0.0	98.3	95.8	100.0
5	Warrant	48 fl oz/a		A	0.0	0.0	97.8	98.8	100.0
5	Atrazine	1.1 lb/a		A					
6	MON 301668	30 fl oz/a		A	0.0	0.0	98.5	100.0	100.0
6	Atrazine	1.1 lb/a		A					
7	Warrant	48 fl oz/a		A	0.0	0.0	97.8	97.5	100.0
7	Balance Flexx	4 fl oz/a		A					
8	MON 301668	30 fl oz/a		A	0.0	0.0	94.5	95.8	100.0
8	Balance Flexx	4 fl oz/a		A					
9	Untreated				0.0	0.0	0.0	0.0	0.0
10	Warrant	48 fl oz/a		B					
10	Atrazine	1.1 lb/a		B					
10	Roundup PowerMax 3	30 fl oz/a		B					
10	AMS	8.5 lb/100 gal		B					
11	MON 301668	30 fl oz/a		B					
11	Atrazine	1.1 lb/a		B					
11	Roundup PowerMax 3	30 fl oz/a		B					
11	AMS	8.5 lb/100 gal		B					
12	Warrant	48 fl oz/a		B					
12	Capreno	3 fl oz/a		B					
12	Atrazine	1.1 lb/a		B					
12	Roundup PowerMax 3	30 fl oz/a		B					
12	AMS	8.5 lb/100 gal		B					
13	MON 301668	30 fl oz/a		B					
13	Capreno	3 fl oz/a		B					
13	Atrazine	1.1 lb/a		B					
13	Roundup PowerMax 3	30 fl oz/a		B					
13	AMS	8.5 lb/100 gal		B					
14	Warrant	48 fl oz/a		B					
14	Laudis	3 fl oz/a		B					
14	Atrazine	1.1 lb/a		B					
14	Roundup PowerMax 3	30 fl oz/a		B					
14	AMS	8.5 lb/100 gal		B					

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 Protocol ID: C03-21 Investigator (Creator): Erin Burns
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Pest Type					
Pest Code			ANGR	CHEAL	AMAPO
Pest Name			annual grasses	common lambsquarters	Powell's amaranth
Crop Type, Code	ZEAMX	ZEAMX			
Crop Name	Corn	Corn			
Rating Date	May-28-2021	Jun-4-2021	Jun-4-2021	Jun-4-2021	Jun-4-2021
Rating Type	Injury	Injury	Control	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	16	100	100
Trt-Eval Interval	DA-A	23 DA-A	23 DA-A	23 DA-A	2 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code
15	MON 301668	30 fl oz/a		B
15	Laudis	3 fl oz/a		B
15	Atrazine	1.1 lb/a		B
15	Roundup PowerMax 3	30 fl oz/a		B
15	AMS	8.5 lb/100 gal		B

LSD P=.05					
Standard Deviation	0.00	0.00	3.24	2.22	3.62
CV	0.0	0.0	2.57	2.48	0.56
				2.87	0.38
					0.43

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Pest Type	AMBEL	ABUTH	ZEAMX		ANGR	CHEAL
Pest Code	Common ragweed	velvetleaf	Corn	Corn	annual grasses	common lambsquarters
Pest Name						
Crop Type, Code						
Crop Name						
Rating Date	Jun-4-2021	Jun-4-2021	Jun-9-2021	Jun-16-2021	Jun-16-2021	Jun-16-2021
Rating Type	Control	Control	Injury	Injury	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	23 DA-A	23 DA-A	7 DA-B	14 DA-B	14 DA-B	14 DA-B

Trt No.	Treatment Name	Rate Unit	Appl Code	AMBEL	ABUTH	ZEAMX	ZEAMX	ANGR	CHEAL
1	Warrant	48 fl oz/a	A	99.0	98.0	0.0	0.0	95.0	95.0
2	MON 301668	30 fl oz/a	A	99.0	99.0	0.0	0.0	98.3	92.5
3	Warrant	96 fl oz/a	A	98.3	98.3	0.0	0.0	94.5	88.8
4	MON 301668	63 fl oz/a	A	99.5	98.5	0.0	0.0	96.5	95.0
5	Warrant	48 fl oz/a	A	98.8	98.3	0.0	0.0	95.0	96.3
5	Atrazine	1.1 lb/a	A						
6	MON 301668	30 fl oz/a	A	99.5	98.5	0.0	0.0	95.0	97.0
6	Atrazine	1.1 lb/a	A						
7	Warrant	48 fl oz/a	A	98.8	97.0	0.0	0.0	95.8	96.5
7	Balance Flexx	4 fl oz/a	A						
8	MON 301668	30 fl oz/a	A	98.3	98.3	0.0	0.0	97.0	91.3
8	Balance Flexx	4 fl oz/a	A						
9	Untreated			0.0	0.0	0.0	0.0	0.0	0.0
10	Warrant	48 fl oz/a	B			0.0	0.0	98.3	100.0
10	Atrazine	1.1 lb/a	B						
10	Roundup PowerMax 3	30 fl oz/a	B						
10	AMS	8.5 lb/100 gal	B						
11	MON 301668	30 fl oz/a	B			0.0	0.0	99.0	100.0
11	Atrazine	1.1 lb/a	B						
11	Roundup PowerMax 3	30 fl oz/a	B						
11	AMS	8.5 lb/100 gal	B						
12	Warrant	48 fl oz/a	B			0.0	0.0	100.0	100.0
12	Capreno	3 fl oz/a	B						
12	Atrazine	1.1 lb/a	B						
12	Roundup PowerMax 3	30 fl oz/a	B						
12	AMS	8.5 lb/100 gal	B						
13	MON 301668	30 fl oz/a	B			0.0	0.0	98.5	100.0
13	Capreno	3 fl oz/a	B						
13	Atrazine	1.1 lb/a	B						
13	Roundup PowerMax 3	30 fl oz/a	B						
13	AMS	8.5 lb/100 gal	B						
14	Warrant	48 fl oz/a	B			0.0	0.0	97.8	100.0
14	Laudis	3 fl oz/a	B						
14	Atrazine	1.1 lb/a	B						
14	Roundup PowerMax 3	30 fl oz/a	B						
14	AMS	8.5 lb/100 gal	B						

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Pest Type		AMBEL	ABUTH			ANGR	CHEAL
Pest Code		Common ragweed	velvetleaf			annual grasses common	lambsquarters
Pest Name							
Crop Type, Code				ZEAMX	ZEAMX		
Crop Name				Corn	Corn		
Rating Date		Jun-4-2021	Jun-4-2021	Jun-9-2021	Jun-16-2021	Jun-16-2021	Jun-16-2021
Rating Type		Control	Control	Injury	Injury	Control	Control
Rating Unit/Min/Max		%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval		23 DA-A	23 DA-A	7 DA-B	14 DA-B	14 DA-B	14 DA-B
Trt No.	Treatment Name	Rate	Unit	Appl Code			
15	MON 301668	30 fl oz/a		B	0.0	0.0	96.5
15	Laudis	3 fl oz/a		B			
15	Atrazine	1.1 lb/a		B			
15	Roundup PowerMax 3	30 fl oz/a		B			
15	AMS	8.5 lb/100 gal		B			
LSD P=.05		2.23		2.01	.	.	1.92
Standard Deviation		1.53		1.38	0.00	0.00	1.35
CV		1.74		1.58	0.0	0.0	1.49

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Pest Type	AMAPO	AMBEL	ABUTH	ZEAMX	ANGR	CHEAL
Pest Code	Powell	amaranth	Common	ragweed	annual	grasses
Pest Name			velvetleaf	corn	common	lambsquarters
Crop Type, Code				Corn		
Crop Name				Corn		
Rating Date	Jun-16-2021	Jun-16-2021	Jun-16-2021	Jul-1-2021	Jul-1-2021	Jul-1-2021
Rating Type	Control	Control	Control	Injury	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	29 DA-B	29 DA-B	29 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code	AMAPO	AMBEL	ABUTH	ZEAMX	ANGR	CHEAL
1	Warrant	48 fl oz/a		A	97.3	97.3	94.5	0.0	81.3	81.3
2	MON 301668	30 fl oz/a		A	97.8	99.0	97.3	0.0	88.8	82.5
3	Warrant	96 fl oz/a		A	100.0	96.3	90.0	0.0	88.8	86.3
4	MON 301668	63 fl oz/a		A	98.3	99.5	96.3	0.0	96.5	76.3
5	Warrant	48 fl oz/a		A	97.8	96.3	94.0	0.0	95.8	100.0
5	Atrazine	1.1 lb/a		A						
6	MON 301668	30 fl oz/a		A	100.0	100.0	95.3	0.0	95.8	100.0
6	Atrazine	1.1 lb/a		A						
7	Warrant	48 fl oz/a		A	100.0	100.0	98.3	0.0	95.0	93.8
7	Balance Flexx	4 fl oz/a		A						
8	MON 301668	30 fl oz/a		A	100.0	99.0	98.5	0.0	100.0	92.5
8	Balance Flexx	4 fl oz/a		A						
9	Untreated				0.0	0.0	0.0	0.0	0.0	0.0
10	Warrant	48 fl oz/a		B	100.0	100.0	99.5	0.0	99.5	100.0
10	Atrazine	1.1 lb/a		B						
10	Roundup PowerMax 3	30 fl oz/a		B						
10	AMS	8.5 lb/100 gal		B						
11	MON 301668	30 fl oz/a		B	100.0	100.0	99.0	0.0	95.8	100.0
11	Atrazine	1.1 lb/a		B						
11	Roundup PowerMax 3	30 fl oz/a		B						
11	AMS	8.5 lb/100 gal		B						
12	Warrant	48 fl oz/a		B	100.0	100.0	99.5	0.0	98.5	100.0
12	Capreno	3 fl oz/a		B						
12	Atrazine	1.1 lb/a		B						
12	Roundup PowerMax 3	30 fl oz/a		B						
12	AMS	8.5 lb/100 gal		B						
13	MON 301668	30 fl oz/a		B	100.0	100.0	100.0	0.0	98.5	100.0
13	Capreno	3 fl oz/a		B						
13	Atrazine	1.1 lb/a		B						
13	Roundup PowerMax 3	30 fl oz/a		B						
13	AMS	8.5 lb/100 gal		B						
14	Warrant	48 fl oz/a		B	100.0	100.0	99.0	0.0	95.8	100.0
14	Laudis	3 fl oz/a		B						
14	Atrazine	1.1 lb/a		B						
14	Roundup PowerMax 3	30 fl oz/a		B						
14	AMS	8.5 lb/100 gal		B						

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Pest Type	AMAPO	AMBEL	ABUTH		ANGR	CHEAL
Pest Code	Powell amaranth	Common ragweed	velvetleaf		annual grasses	common
Pest Name						lambquarters
Crop Type, Code				ZEAMX		
Crop Name				Corn		
Rating Date	Jun-16-2021	Jun-16-2021	Jun-16-2021	Jul-1-2021	Jul-1-2021	Jul-1-2021
Rating Type	Control	Control	Control	Injury	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	29 DA-B	29 DA-B	29 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code						
15	MON 301668	30 fl oz/a		B	100.0	100.0	100.0	0.0	97.8	100.0
15	Laudis	3 fl oz/a		B						
15	Atrazine	1.1 lb/a		B						
15	Roundup PowerMax 3	30 fl oz/a		B						
15	AMS	8.5 lb/100 gal		B						
LSD P=.05					1.45	2.15	3.05	.	2.25	2.27
Standard Deviation					1.02	1.51	2.13	0.00	1.58	1.59
CV					1.1	1.63	2.35	0.0	1.78	1.82

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Pest Type	AMAPO	AMBEL	ABUTH		ANGR	CHEAL
Pest Code	Powell	amaranth	Common ragweed	velvetleaf	annual grasses	common lambsquarters
Pest Name						
Crop Type, Code					ZEAMX	
Crop Name					Corn	
Rating Date	Jul-1-2021	Jul-1-2021	Jul-1-2021	Jul-21-2021	Jul-21-2021	Jul-21-2021
Rating Type	Control	Control	Control	Injury	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	29 DA-B	29 DA-B	29 DA-B	49 DA-B	49 DA-B	49 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code						
1	Warrant	48 fl oz/a		A	81.3	90.0	81.3	0.0	88.8	85.0
2	MON 301668	30 fl oz/a		A	95.0	90.0	82.5	0.0	88.8	85.0
3	Warrant	96 fl oz/a		A	83.8	85.0	83.8	0.0	88.8	86.3
4	MON 301668	63 fl oz/a		A	100.0	100.0	100.0	0.0	90.0	82.5
5	Warrant	48 fl oz/a		A	100.0	95.8	95.8	0.0	90.0	90.0
5	Atrazine	1.1 lb/a		A						
6	MON 301668	30 fl oz/a		A	100.0	100.0	100.0	0.0	91.3	95.0
6	Atrazine	1.1 lb/a		A						
7	Warrant	48 fl oz/a		A	100.0	99.5	95.8	0.0	95.0	90.0
7	Balance Flexx	4 fl oz/a		A						
8	MON 301668	30 fl oz/a		A	100.0	100.0	100.0	0.0	97.8	86.3
8	Balance Flexx	4 fl oz/a		A						
9	Untreated				0.0	0.0	0.0	0.0	0.0	0.0
10	Warrant	48 fl oz/a		B	100.0	100.0	98.3	0.0	95.0	100.0
10	Atrazine	1.1 lb/a		B						
10	Roundup PowerMax 3	30 fl oz/a		B						
10	AMS	8.5 lb/100 gal		B						
11	MON 301668	30 fl oz/a		B	100.0	100.0	92.5	0.0	92.5	99.5
11	Atrazine	1.1 lb/a		B						
11	Roundup PowerMax 3	30 fl oz/a		B						
11	AMS	8.5 lb/100 gal		B						
12	Warrant	48 fl oz/a		B	100.0	100.0	99.5	0.0	91.3	100.0
12	Capreno	3 fl oz/a		B						
12	Atrazine	1.1 lb/a		B						
12	Roundup PowerMax 3	30 fl oz/a		B						
12	AMS	8.5 lb/100 gal		B						
13	MON 301668	30 fl oz/a		B	100.0	100.0	97.8	0.0	98.3	100.0
13	Capreno	3 fl oz/a		B						
13	Atrazine	1.1 lb/a		B						
13	Roundup PowerMax 3	30 fl oz/a		B						
13	AMS	8.5 lb/100 gal		B						
14	Warrant	48 fl oz/a		B	100.0	99.5	95.8	0.0	95.8	100.0
14	Laudis	3 fl oz/a		B						
14	Atrazine	1.1 lb/a		B						
14	Roundup PowerMax 3	30 fl oz/a		B						
14	AMS	8.5 lb/100 gal		B						

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Pest Type	AMAPO	AMBEL	ABUTH	ZEAMX	ANGR	CHEAL
Pest Code						
Pest Name	Powell amaranth	Common ragweed	velvetleaf	Corn	annual grasses common	lambsquarters
Crop Type, Code						
Crop Name						
Rating Date	Jul-1-2021	Jul-1-2021	Jul-1-2021	Jul-21-2021	Jul-21-2021	Jul-21-2021
Rating Type	Control	Control	Control	Injury	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	29 DA-B	29 DA-B	29 DA-B	49 DA-B	49 DA-B	49 DA-B

Trt No.	Treatment Name	Rate Unit	Appl Code						
15	MON 301668	30 fl oz/a	B	100.0	100.0	100.0	0.0	95.0	100.0
15	Laudis	3 fl oz/a	B						
15	Atrazine	1.1 lb/a	B						
15	Roundup PowerMax 3	30 fl oz/a	B						
15	AMS	8.5 lb/100 gal	B						
LSD P=.05				1.29	0.73	2.35	.	2.72	1.67
Standard Deviation				0.90	0.51	1.64	0.00	1.91	1.17
CV				0.99	0.57	1.86	0.0	2.2	1.35

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Pest Type	AMAPO	AMBEL	ABUTH
Pest Code	Powell amaranth	Common ragweed	velvetleaf
Pest Name			
Crop Type, Code			
Crop Name			
Rating Date	Jul-21-2021	Jul-21-2021	Jul-21-2021
Rating Type	Control	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	49 DA-B	49 DA-B	49 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code			
1	Warrant	48 fl oz/a		A	85.0	83.8	86.3
2	MON 301668	30 fl oz/a		A	85.0	86.3	86.3
3	Warrant	96 fl oz/a		A	88.8	90.0	85.0
4	MON 301668	63 fl oz/a		A	95.0	95.0	91.3
5	Warrant	48 fl oz/a		A	91.3	90.0	91.3
5	Atrazine	1.1 lb/a		A			
6	MON 301668	30 fl oz/a		A	95.0	93.8	95.0
6	Atrazine	1.1 lb/a		A			
7	Warrant	48 fl oz/a		A	98.8	98.8	98.8
7	Balance Flexx	4 fl oz/a		A			
8	MON 301668	30 fl oz/a		A	100.0	100.0	100.0
8	Balance Flexx	4 fl oz/a		A			
9	Untreated				0.0	0.0	0.0
10	Warrant	48 fl oz/a		B	99.5	100.0	97.0
10	Atrazine	1.1 lb/a		B			
10	Roundup PowerMax 3	30 fl oz/a		B			
10	AMS	8.5 lb/100 gal		B			
11	MON 301668	30 fl oz/a		B	100.0	100.0	91.3
11	Atrazine	1.1 lb/a		B			
11	Roundup PowerMax 3	30 fl oz/a		B			
11	AMS	8.5 lb/100 gal		B			
12	Warrant	48 fl oz/a		B	100.0	99.5	91.3
12	Capreno	3 fl oz/a		B			
12	Atrazine	1.1 lb/a		B			
12	Roundup PowerMax 3	30 fl oz/a		B			
12	AMS	8.5 lb/100 gal		B			
13	MON 301668	30 fl oz/a		B	100.0	100.0	99.5
13	Capreno	3 fl oz/a		B			
13	Atrazine	1.1 lb/a		B			
13	Roundup PowerMax 3	30 fl oz/a		B			
13	AMS	8.5 lb/100 gal		B			
14	Warrant	48 fl oz/a		B	100.0	100.0	96.3
14	Laudis	3 fl oz/a		B			
14	Atrazine	1.1 lb/a		B			
14	Roundup PowerMax 3	30 fl oz/a		B			
14	AMS	8.5 lb/100 gal		B			

Could not calculate LSD (% mean diff) for columns 1,2,8,9,15,21 because error mean square = 0.
 ^Calculated from residual.

Michigan State University

Residual weed control in corn

Trial ID: C03-21 Location: Campus C-28 Trial Year: 2021
 Protocol ID: C03-21 Investigator (Creator): Erin Burns
 Project ID: Study Director: Burns
 Sponsor Contact:

Pest Type	AMAPO	AMBEL	ABUTH
Pest Code	Powell amaranth	Common ragweed	velvetleaf
Pest Name			
Crop Type, Code			
Crop Name			
Rating Date	Jul-21-2021	Jul-21-2021	Jul-21-2021
Rating Type	Control	Control	Control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	49 DA-B	49 DA-B	49 DA-B

Trt No.	Treatment Name	Rate Unit	Appl Code			
15	MON 301668	30 fl oz/a	B	100.0	100.0	100.0
15	Laudis	3 fl oz/a	B			
15	Atrazine	1.1 lb/a	B			
15	Roundup PowerMax 3	30 fl oz/a	B			
15	AMS	8.5 lb/100 gal	B			
LSD P=.05				1.68	1.81	2.73
Standard Deviation				1.18	1.27	1.92
CV				1.32	1.42	2.19

Could not calculate LSD (% mean diff) for columns 1,2,8,9,15,21 because error mean square = 0.
 ^Calculated from residual.