

One-pass early postemergence (EPOS) strategies for weed control in corn

Trial ID: C02-17 Study Dir.: Burns, Stiles, Powell
 Conducted: Campus C-27 Investigator: Christy Sprague

Planting Date: 5/15/17 **Row Spacing:** 30 IN
Variety: DKC4972 **No. of Reps:** 4
Population: 33500 seeds/A **% OM:** 2.5
Soil Type: SL sandy loam **pH:** 6.1
Plot Size: 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall chisel plowed; spring soil finished twice
Fertilizer: 300lbs/A urea incorporated
 150lbs/A 19-19-19 starter

Crop and Weed Description

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

Application Description

Application Timing: A
Date Treated: EPOS
 6/7/17
Time Treated: 7:30 AM
% Cloud Cover: 0
Air Temp., Unit: 56 F
% Relative Humidity: 77
Wind Speed/Unit/Dir: 2.8 mph N
Soil Temp, Unit: 63 F
Leaf Moist/Dew Presence (Y/N): 5
Soil Moist: 5

Crop Stage at Each Application

A
Crop 1 Name: ZEAMX
Height: 5 "
Stage: V3

Weed Stage at Each Application

A
Weed 1 Name: ANGR
Height: 1 "
Stage: 2L
Weed 2 Name: CHEAL
Height: 1 "
Stage: 4L
Weed 3 Name: AMAPO
Height: 0.5-1 " (1)
Stage: 4-6L
Weed 4 Name: AMBEL
Height: 1-2 " (2)
Stage: 4-6L
Weed 5 Name: ABUTH
Height: 1 "
Stage: 2L

Weed Density

Date:	1	2	3	4	5
	6/7/17	6/7/17	6/7/17	6/7/17	6/7/17
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Density:	1 FT2	4 FT2	1 FT2	2 FT2	1 FT2

Application Equipment

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Appl	Sprayer	Ground	Nozzle	Nozzle	Nozzle	Nozzle	Boom	Spray	Carrier	Operation
	Type	Speed	Type	Size	Height	Spacing	Width	Volume		Pressure
A	Cub	3.8 MPH	AIXR	11003	24 "	20 "	100 "	19 GPA	WATER	30 PSI

Comments:

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Investigator: Christy Sprague

Study Director: Burns, Stiles, Powell

Pest Code	ANGR CHEAL AMBEL ABUTH					ANGR CHEAL AMAPO				
Crop Code	ZEAMX					ZEAMX				
Rating Date	6/14/17	6/14/17	6/14/17	6/14/17	6/14/17	6/20/17	6/20/17	6/20/17	6/20/17	6/20/17
Rating Type	injury control control control control control					injury control control control control				
Rating Unit	percent percent percent percent percent					percent percent percent percent percent				
Trt-Eval Interval	7 DA-A 7 DA-A 7 DA-A 7 DA-A 7 DA-A					13 DA-A 13 DA-A 13 DA-A 13 DA-A				

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*	*	*	
1	Roundup PowerMax	4.5	SL	32 fl oz/a	A		0	100	98	95	99	0	98	98	100
1	N-Pak AMS liquid		L	5 % v/v	A										
2	Roundup PowerMax	4.5	SL	32 fl oz/a	A		0	99	98	95	100	0	98	98	100
2	Atrazine	90	WG	0.56 lb/a	A										
2	N-Pak AMS liquid		L	5 % v/v	A										
3	Harness	7	L	1.75 pt/a	A		5	99	100	100	99	2	100	100	100
3	ImpactZ	4.26	L	8 fl oz/a	A										
3	Roundup PowerMax	4.5	SL	32 fl oz/a	A										
3	Surfactant		L	0.25 % v/v	A										
3	N-Pak AMS liquid		L	5 % v/v	A										
4	Armezon PRO	5.35	L	20 fl oz/a	A		0	100	100	99	99	0	100	99	100
4	Roundup PowerMax	4.5	SL	32 fl oz/a	A										
4	Atrazine	90	WG	0.28 lb/a	A										
4	Surfactant		L	0.25 % v/v	A										
4	N-Pak AMS liquid		L	5 % v/v	A										
5	Anthem MAXX	4.3	L	2 fl oz/a	A		5	99	100	100	100	2	97	100	100
5	Atrazine	90	WG	1.1 lb/a	A										
5	Solstice	4	L	2.5 fl oz/a	A										
5	Roundup PowerMax	4.5	SL	22 fl oz/a	A										
5	Crop oil concentrate		L	1 % v/v	A										
5	N-Pak AMS liquid		L	5 % v/v	A										
6	Anthem MAXX	4.3	L	4 fl oz/a	A		6	100	100	100	100	3	100	100	100
6	Atrazine	90	WG	1.65 lb/a	A										
6	Solstice	4	L	2.5 fl oz/a	A										
6	Roundup PowerMax	4.5	SL	32 fl oz/a	A										
6	Crop oil concentrate		L	1 % v/v	A										
6	N-Pak AMS liquid		L	5 % v/v	A										
7	Anthem MAXX	4.3	L	4 fl oz/a	A		5	100	100	100	99	2	99	100	100
7	Atrazine	90	WG	1.65 lb/a	A										
7	Callisto	4	L	3 fl oz/a	A										
7	Roundup PowerMax	4.5	SL	32 fl oz/a	A										
7	Crop oil concentrate		L	1 % v/v	A										
7	N-Pak AMS liquid		L	5 % v/v	A										
8	Anthem MAXX	4.3	L	4 fl oz/a	A		68	100	100	100	100	10	100	100	100
8	Atrazine	90	WG	1.65 lb/a	A										
8	Balance Flexx	2	L	3 fl oz/a	A										
8	Roundup PowerMax	4.5	SL	32 fl oz/a	A										
8	Crop oil concentrate		L	1 % v/v	A										
8	N-Pak AMS liquid		L	5 % v/v	A										

* Adjusted means

Could not calculate LSD (% mean diff) for columns 9 because error mean square = 0.

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Location: Campus C-27

Investigator: Christy Sprague

Study Director: Burns, Stiles, Powell

Pest Code	ANGR CHEAL AMBEL ABUTH					ANGR CHEAL AMAPO				
Crop Code	ZEAMX					ZEAMX				
Rating Date	6/14/17	6/14/17	6/14/17	6/14/17	6/14/17	6/20/17	6/20/17	6/20/17	6/20/17	6/20/17
Rating Type	injury control					injury control				
Rating Unit	percent					percent				
Trt-Eval Interval	7 DA-A					7 DA-A				

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*	*	*
9	Untreated						0	0	0	0	0	0	0	0
10	Liberty	2.34 L		32 fl oz/a	A		5	99	100	100	99	2	99	100
	10 Anthem ATZ	4.5 L		2.5 pt/a	A									
	10 N-Pak AMS liquid	L		5 % v/v	A									
11	Liberty	2.34 L		32 fl oz/a	A		1	100	100	100	98	0	99	100
	11 Resicore	3.29 L		2 qt/a	A									
	11 N-Pak AMS liquid	L		5 % v/v	A									
12	Liberty	2.34 L		32 fl oz/a	A		0	98	100	100	99	0	94	100
	12 Atrazine	90 WG		1.1 lb/a	A									
	12 N-Pak AMS liquid	L		5 % v/v	A									
13	Liberty	2.34 L		32 fl oz/a	A		0	99	100	100	100	0	98	100
	13 DiFlexx Duo	2.13 L		24 fl oz/a	A									
	13 Atazine	90 WG		1.1 lb/a	A									
	13 N-Pak AMS liquid	L		5 % v/v	A									
14	Halex GT	4.38 L		3.6 pt/a	A		0	100	100	99	100	0	99	100
	14 Atazine	90 WG		1.1 lb/a	A									
	14 Surfactant	L		0.25 % v/v	A									
	14 N-Pak AMS liquid	L		5 % v/v	A									
	LSD P=.05						1.3	1.6	1.1	1.6	2.5	0.6	4.1	1.5
	Standard Deviation						0.9	1.1	0.7	1.2	1.7	0.4	2.8	1.0
	CV						13.23	1.23	0.81	1.25	1.87	27.08	3.1	1.13

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Pest Code	AMBEL	ABUTH	ZEAMX	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Crop Code								
Rating Date	6/20/17	6/20/17	7/11/17	7/11/17	7/11/17	7/11/17	7/11/17	7/11/17
Rating Type	control	control	injury	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	13 DA-A	13 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*	*
1	Roundup PowerMax	4.5	SL	32 fl oz/a	A		98	100	0	94	90	99	91
1	N-Pak AMS liquid		L	5 % v/v	A								90
2	Roundup PowerMax	4.5	SL	32 fl oz/a	A		97	99	0	91	92	99	93
2	Atrazine	90	WG	0.56 lb/a	A								93
2	N-Pak AMS liquid		L	5 % v/v	A								93
3	Harness	7	L	1.75 pt/a	A		100	99	0	100	98	100	100
3	ImpactZ	4.26	L	8 fl oz/a	A								97
3	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
3	Surfactant		L	0.25 % v/v	A								
3	N-Pak AMS liquid		L	5 % v/v	A								
4	Armezon PRO	5.35	L	20 fl oz/a	A		99	98	0	100	96	100	100
4	Roundup PowerMax	4.5	SL	32 fl oz/a	A								96
4	Atrazine	90	WG	0.28 lb/a	A								
4	Surfactant		L	0.25 % v/v	A								
4	N-Pak AMS liquid		L	5 % v/v	A								
5	Anthem MAXX	4.3	L	2 fl oz/a	A		100	100	0	99	100	100	100
5	Atrazine	90	WG	1.1 lb/a	A								
5	Solstice	4	L	2.5 fl oz/a	A								
5	Roundup PowerMax	4.5	SL	22 fl oz/a	A								
5	Crop oil concentrate		L	1 % v/v	A								
5	N-Pak AMS liquid		L	5 % v/v	A								
6	Anthem MAXX	4.3	L	4 fl oz/a	A		100	99	0	99	100	100	100
6	Atrazine	90	WG	1.65 lb/a	A								
6	Solstice	4	L	2.5 fl oz/a	A								
6	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
6	Crop oil concentrate		L	1 % v/v	A								
6	N-Pak AMS liquid		L	5 % v/v	A								
7	Anthem MAXX	4.3	L	4 fl oz/a	A		100	100	0	99	100	100	100
7	Atrazine	90	WG	1.65 lb/a	A								
7	Callisto	4	L	3 fl oz/a	A								
7	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
7	Crop oil concentrate		L	1 % v/v	A								
7	N-Pak AMS liquid		L	5 % v/v	A								
8	Anthem MAXX	4.3	L	4 fl oz/a	A		100	100	5	100	100	100	100
8	Atrazine	90	WG	1.65 lb/a	A								
8	Balance Flexx	2	L	3 fl oz/a	A								
8	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
8	Crop oil concentrate		L	1 % v/v	A								
8	N-Pak AMS liquid		L	5 % v/v	A								

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Pest Code	AMBEL	ABUTH		ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Crop Code			ZEAMX					
Rating Date	6/20/17	6/20/17	7/11/17	7/11/17	7/11/17	7/11/17	7/11/17	7/11/17
Rating Type	control	control	injury	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	13 DA-A	13 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code	*	*	*	*	*	*	*	*
9	Untreated					0	0	0	0	0	0	0	0
10	Liberty	2.34 L		32 fl oz/a	A	100	100	0	100	100	100	99	100
	10 Anthem ATZ	4.5 L		2.5 pt/a	A								
	10 N-Pak AMS liquid	L		5 % v/v	A								
11	Liberty	2.34 L		32 fl oz/a	A	100	98	0	97	100	100	100	100
	11 Resicore	3.29 L		2 qt/a	A								
	11 N-Pak AMS liquid	L		5 % v/v	A								
12	Liberty	2.34 L		32 fl oz/a	A	99	100	0	90	100	100	96	99
	12 Atrazine	90 WG		1.1 lb/a	A								
	12 N-Pak AMS liquid	L		5 % v/v	A								
13	Liberty	2.34 L		32 fl oz/a	A	100	100	0	93	100	100	98	99
	13 DiFlexx Duo	2.13 L		24 fl oz/a	A								
	13 Atazine	90 WG		1.1 lb/a	A								
	13 N-Pak AMS liquid	L		5 % v/v	A								
14	Halex GT	4.38 L		3.6 pt/a	A	100	100	0	98	100	100	100	100
	14 Atazine	90 WG		1.1 lb/a	A								
	14 Surfactant	L		0.25 % v/v	A								
	14 N-Pak AMS liquid	L		5 % v/v	A								
	LSD P=.05					1.4	1.3	1.6	4.7	3.5	1.4	3.9	3.9
	Standard Deviation					1.0	0.9	1.1	3.3	2.5	1.0	2.8	2.7
	CV					1.06	1.02	305.51	3.69	2.7	1.03	3.02	3.02

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Study Director: Burns, Stiles, Powell

Pest Code	ANGR	CHEAL	AMAPO	AMBEL	ABUTH		
Crop Code	ZEAMX					ZEAMX	ZEAMX
Rating Date	7/24/17	7/24/17	7/24/17	7/24/17	7/24/17	7/24/17	10/17/17
Rating Type	injury	control	control	control	control	control	test wieght
Rating Unit	percent	percent	percent	percent	percent	percent	lbs/bu
Trt-Eval Interval	47 DA-A	47 DA-A	47 DA-A	47 DA-A	47 DA-A	47 DA-A	132 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*	*
1	Roundup PowerMax	4.5	SL	32 fl oz/a	A		0	86	81	99	89	89	54.2
1	N-Pak AMS liquid		L	5 % v/v	A								15.1
2	Roundup PowerMax	4.5	SL	32 fl oz/a	A		0	83	96	100	93	91	62.3
2	Atrazine	90	WG	0.56 lb/a	A								16.3
2	N-Pak AMS liquid		L	5 % v/v	A								
3	Harness	7	L	1.75 pt/a	A		0	100	100	100	100	98	54.4
3	ImpactZ	4.26	L	8 fl oz/a	A								16.2
3	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
3	Surfactant		L	0.25 % v/v	A								
3	N-Pak AMS liquid		L	5 % v/v	A								
4	Armezon PRO	5.35	L	20 fl oz/a	A		0	99	100	100	99	100	54.7
4	Roundup PowerMax	4.5	SL	32 fl oz/a	A								16.4
4	Atrazine	90	WG	0.28 lb/a	A								
4	Surfactant		L	0.25 % v/v	A								
4	N-Pak AMS liquid		L	5 % v/v	A								
5	Anthem MAXX	4.3	L	2 fl oz/a	A		0	98	100	100	100	100	53.9
5	Atrazine	90	WG	1.1 lb/a	A								16.1
5	Solstice	4	L	2.5 fl oz/a	A								
5	Roundup PowerMax	4.5	SL	22 fl oz/a	A								
5	Crop oil concentrate		L	1 % v/v	A								
5	N-Pak AMS liquid		L	5 % v/v	A								
6	Anthem MAXX	4.3	L	4 fl oz/a	A		0	100	100	100	100	100	54.6
6	Atrazine	90	WG	1.65 lb/a	A								17.4
6	Solstice	4	L	2.5 fl oz/a	A								
6	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
6	Crop oil concentrate		L	1 % v/v	A								
6	N-Pak AMS liquid		L	5 % v/v	A								
7	Anthem MAXX	4.3	L	4 fl oz/a	A		0	100	100	100	100	100	54.4
7	Atrazine	90	WG	1.65 lb/a	A								16.0
7	Callisto	4	L	3 fl oz/a	A								
7	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
7	Crop oil concentrate		L	1 % v/v	A								
7	N-Pak AMS liquid		L	5 % v/v	A								
8	Anthem MAXX	4.3	L	4 fl oz/a	A		3	99	100	100	100	100	53.6
8	Atrazine	90	WG	1.65 lb/a	A								17.1
8	Balance Flexx	2	L	3 fl oz/a	A								
8	Roundup PowerMax	4.5	SL	32 fl oz/a	A								
8	Crop oil concentrate		L	1 % v/v	A								
8	N-Pak AMS liquid		L	5 % v/v	A								

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Pest Code		ANGR	CHEAL	AMAPO	AMBEL	ABUTH		
Crop Code		ZEAMX					ZEAMX	ZEAMX
Rating Date		7/24/17	7/24/17	7/24/17	7/24/17	7/24/17	10/17/17	10/17/17
Rating Type		injury	control	control	control	control	test wieght	moisture
Rating Unit		percent	percent	percent	percent	percent	lbs/bu	percent
Trt-Eval Interval		47 DA-A	47 DA-A	47 DA-A	47 DA-A	47 DA-A	132 DA-A	132 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Code	*	*	*	*	*	*	*	*
9	Untreated					0	0	0	0	0	0	53.4	15.7
10	Liberty	2.34 L		32 fl oz/a	A	0	100	100	100	98	100	54.6	16.2
	10 Anthem ATZ	4.5 L		2.5 pt/a	A								
	10 N-Pak AMS liquid	L		5 % v/v	A								
11	Liberty	2.34 L		32 fl oz/a	A	0	95	100	100	100	100	54.6	16.4
	11 Resicore	3.29 L		2 qt/a	A								
	11 N-Pak AMS liquid	L		5 % v/v	A								
12	Liberty	2.34 L		32 fl oz/a	A	0	83	100	100	94	95	54.5	16.4
	12 Atrazine	90 WG		1.1 lb/a	A								
	12 N-Pak AMS liquid	L		5 % v/v	A								
13	Liberty	2.34 L		32 fl oz/a	A	0	92	100	100	98	97	54.5	16.7
	13 DiFlexx Duo	2.13 L		24 fl oz/a	A								
	13 Atazine	90 WG		1.1 lb/a	A								
	13 N-Pak AMS liquid	L		5 % v/v	A								
14	Halex GT	4.38 L		3.6 pt/a	A	0	98	100	100	100	100	54.7	17.2
	14 Atazine	90 WG		1.1 lb/a	A								
	14 Surfactant	L		0.25 % v/v	A								
	14 N-Pak AMS liquid	L		5 % v/v	A								
	LSD P=.05					0.9	10.2	3.7	1.0	4.3	4.0	6.43	1.86
	Standard Deviation					0.6	7.1	2.6	0.7	3.0	2.8	4.50	1.30
	CV					272.04	8.13	2.85	0.78	3.35	3.09	8.2	7.94

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Pest Code	
Crop Code	ZEAMX
Rating Date	10/17/17
Rating Type	YIELD
Rating Unit	BU
Trt-Eval Interval	at 15% M

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*
1	Roundup PowerMax	4.5	SL	32 fl oz/a	A		169
1	N-Pak AMS liquid		L	5 % v/v	A		
2	Roundup PowerMax	4.5	SL	32 fl oz/a	A		171
2	Atrazine	90	WG	0.56 lb/a	A		
2	N-Pak AMS liquid		L	5 % v/v	A		
3	Harness	7	L	1.75 pt/a	A		165
3	ImpactZ	4.26	L	8 fl oz/a	A		
3	Roundup PowerMax	4.5	SL	32 fl oz/a	A		
3	Surfactant		L	0.25 % v/v	A		
3	N-Pak AMS liquid		L	5 % v/v	A		
4	Armezon PRO	5.35	L	20 fl oz/a	A		182
4	Roundup PowerMax	4.5	SL	32 fl oz/a	A		
4	Atrazine	90	WG	0.28 lb/a	A		
4	Surfactant		L	0.25 % v/v	A		
4	N-Pak AMS liquid		L	5 % v/v	A		
5	Anthem MAXX	4.3	L	2 fl oz/a	A		182
5	Atrazine	90	WG	1.1 lb/a	A		
5	Solstice	4	L	2.5 fl oz/a	A		
5	Roundup PowerMax	4.5	SL	22 fl oz/a	A		
5	Crop oil concentrate		L	1 % v/v	A		
5	N-Pak AMS liquid		L	5 % v/v	A		
6	Anthem MAXX	4.3	L	4 fl oz/a	A		188
6	Atrazine	90	WG	1.65 lb/a	A		
6	Solstice	4	L	2.5 fl oz/a	A		
6	Roundup PowerMax	4.5	SL	32 fl oz/a	A		
6	Crop oil concentrate		L	1 % v/v	A		
6	N-Pak AMS liquid		L	5 % v/v	A		
7	Anthem MAXX	4.3	L	4 fl oz/a	A		176
7	Atrazine	90	WG	1.65 lb/a	A		
7	Callisto	4	L	3 fl oz/a	A		
7	Roundup PowerMax	4.5	SL	32 fl oz/a	A		
7	Crop oil concentrate		L	1 % v/v	A		
7	N-Pak AMS liquid		L	5 % v/v	A		
8	Anthem MAXX	4.3	L	4 fl oz/a	A		175
8	Atrazine	90	WG	1.65 lb/a	A		
8	Balance Flexx	2	L	3 fl oz/a	A		
8	Roundup PowerMax	4.5	SL	32 fl oz/a	A		
8	Crop oil concentrate		L	1 % v/v	A		
8	N-Pak AMS liquid		L	5 % v/v	A		

* Adjusted means

Could not calculate LSD (% mean diff) for columns 9 because error mean square = 0.

One-pass early postemergence (EPOS) strategies for weed control in corn

Trial ID: C02-17

Location: Campus C-27

Investigator: Christy Sprague

Study Director: Burns, Stiles, Powell

Pest Code	
Crop Code	ZEAMX
Rating Date	10/17/17
Rating Type	YIELD
Rating Unit	BU
Trt-Eval Interval	at 15% M

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*
9	Untreated						100
10	Liberty	2.34 L		32 fl oz/a	A		187
10	Anthem ATZ	4.5 L		2.5 pt/a	A		
10	N-Pak AMS liquid	L		5 % v/v	A		
11	Liberty	2.34 L		32 fl oz/a	A		181
11	Resicore	3.29 L		2 qt/a	A		
11	N-Pak AMS liquid	L		5 % v/v	A		
12	Liberty	2.34 L		32 fl oz/a	A		180
12	Atrazine	90 WG		1.1 lb/a	A		
12	N-Pak AMS liquid	L		5 % v/v	A		
13	Liberty	2.34 L		32 fl oz/a	A		188
13	DiFlexx Duo	2.13 L		24 fl oz/a	A		
13	Atazine	90 WG		1.1 lb/a	A		
13	N-Pak AMS liquid	L		5 % v/v	A		
14	Halex GT	4.38 L		3.6 pt/a	A		183
14	Atazine	90 WG		1.1 lb/a	A		
14	Surfactant	L		0.25 % v/v	A		
14	N-Pak AMS liquid	L		5 % v/v	A		
	LSD P=.05						23.2
	Standard Deviation						16.2
	CV						9.37

* Adjusted means

Could not calculate LSD (% mean diff) for columns 9 because error mean square = 0.