

WEED CONTROL IN CORN WITH REALM Q, 2010

Trial ID: C0710 Protocol ID: C0710  
 Location: Campus Study Director: Andy Chomas  
 Project ID: Investigator: Wesley Everman

**General Trial Information**

**Study Director:** Andy Chomas  
**Investigator:** Wesley Everman

**Personnel**

**Study Director:** Andy Chomas  
**Investigator:** Wesley Everman

**Crop Description**

**Crop 1:** ZEAMX Zea mays Corn  
**Variety:** P37Y14  
**BBCH Scale:** BCOR **Planting Date:** May-4-10  
**Rate, Unit:** 30000 S/A  
**Row Spacing, Unit:** 30 IN

**Pest Description**

**Pest 1 Type:** W **Code:** ANGR  
**Common Name:** annual grass

**Pest 2 Type:** W **Code:** CHEAL Chenopodium album  
**Common Name:** Common lambsquarters

**Pest 3 Type:** W **Code:** AMARE Amaranthus retroflexus  
**Common Name:** Redroot pigweed

**Pest 4 Type:** W **Code:** AMBEL Ambrosia artemisiifolia  
**Common Name:** Common ragweed

**Pest 5 Type:** W **Code:** ABUTH Abutilon theophrasti  
**Common Name:** Velvetleaf

**Site and Design**

**Plot Width, Unit:** 10 FT **Site Type:** FIELD field  
**Plot Length, Unit:** 35 FT  
**Plot Area, Unit:** 350 FT2 **Tillage Type:** CONTIL conventional-till  
**Replications:** 4 **Study Design:** RACOB� Randomized Complete Block (RCB)

**Trial Initiation Comments:**  
 Fall Chisel, Spring Field Cultivate X2

**Soil Description**

**% OM:** 3.8 **Texture:** L loam  
**pH:** 6.0  
**Analyzed By:**  
 300 lbs/A 46-0-0, 125 lbs/A 19-19-19 in Row

**Application Description**

	<b>A</b>	<b>B</b>
<b>Application Date:</b>	May-4-10	Jun-4-10
<b>Time of Day:</b>	7:50 pm	9:40 am
<b>Application Method:</b>	SPRAY	SPRAY
<b>Application Timing:</b>	PRE	POST
<b>Application Placement:</b>	BROADC	BROADC
<b>Air Temperature, Unit:</b>	77 F	70 F
<b>% Relative Humidity:</b>	31	78
<b>Wind Velocity, Unit:</b>	7.5 MPH	2.5 MPH
<b>Wind Direction:</b>	SW	SW
<b>Soil Temperature, Unit:</b>	65 F	70 F
<b>Soil Moisture:</b>	4	2
<b>% Cloud Cover:</b>	10	95

**Crop Stage At Each Application**

	<b>A</b>	<b>B</b>
<b>Crop 1 Code, BBCH Scale:</b>	ZEAMX BCOR	ZEAMX BCOR
<b>Stage Scale Used:</b>		BBCH
<b>Stage Majority, Percent:</b>		V4
<b>Height, Unit:</b>		10 IN
<b>Height Minimum, Maximum:</b>		6 12

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## Pest Stage At Each Application

	A		B	
<b>Pest 1 Code, Type, Scale:</b>	ANGR	W	ANGR	W
<b>Stage Majority, Percent:</b>			L5	
<b>Stage Minimum, Percent:</b>			L2	
<b>Stage Maximum, Percent:</b>			L7	
<b>Height, Unit:</b>			6	IN
<b>Height Minimum, Maximum:</b>			3	7
<b>Density, Unit:</b>			9	FT2
<b>Pest 2 Code, Type, Scale:</b>	CHEAL	W	CHEAL	W
<b>Stage Majority, Percent:</b>			L10	
<b>Stage Minimum, Percent:</b>			L2	
<b>Stage Maximum, Percent:</b>			L12	
<b>Height, Unit:</b>			3	IN
<b>Height Minimum, Maximum:</b>			0.5	5
<b>Density, Unit:</b>			35	FT2
<b>Pest 3 Code, Type, Scale:</b>	AMARE	W	AMARE	W
<b>Stage Majority, Percent:</b>			L7	
<b>Stage Minimum, Percent:</b>			L4	
<b>Stage Maximum, Percent:</b>			L9	
<b>Height, Unit:</b>			4	IN
<b>Height Minimum, Maximum:</b>			1	6
<b>Density, Unit:</b>			1	FT2
<b>Pest 4 Code, Type, Scale:</b>	AMBEL	W	AMBEL	W
<b>Stage Majority, Percent:</b>			L6	
<b>Stage Minimum, Percent:</b>			L4	
<b>Stage Maximum, Percent:</b>			L8	
<b>Height, Unit:</b>			5	IN
<b>Height Minimum, Maximum:</b>			4	6
<b>Density, Unit:</b>			24	FT2
<b>Pest 5 Code, Type, Scale:</b>	ABUTH	W	ABUTH	W
<b>Stage Majority, Percent:</b>			L4	
<b>Stage Minimum, Percent:</b>			L3	
<b>Stage Maximum, Percent:</b>			L4	
<b>Height, Unit:</b>			2	IN
<b>Height Minimum, Maximum:</b>			2	4
<b>Density, Unit:</b>			1	FT2

## Application Equipment

	B			
<b>Equipment Type:</b>	CUB		CUB	
<b>Operating Pressure, Unit:</b>	30	PSI	30	PSI
<b>Nozzle Type:</b>	FF		FF	
<b>Nozzle Size:</b>	8003		8003	
<b>Nozzle Spacing, Unit:</b>	20	IN	20	IN
<b>Boom Length, Unit:</b>	100	IN	100	IN
<b>Boom Height, Unit:</b>	18	IN	22	IN
<b>Ground Speed, Unit:</b>	3.5	MPH	3.5	MPH
<b>Carrier:</b>	WATER		WATER	
<b>Spray Volume, Unit:</b>	20	gal/ac	20	gal/ac
<b>Mix Size, Unit:</b>	1	gallons	1	gallons

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ANGR	CHEAL	AMARE	AMBEL	ABUTH				
Crop Code	ZEAMX						ZEAMX	ZEAMX	
Rating Date	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-11-10	Jun-18-10	
Rating Type	injury	control	control	control	control	control	injury	injury	
Rating Unit	%	%	%	%	%	%	%	%	
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	7 DAPO	14 DAPO	

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Growth Stage	1	2	3	4	5	6	7	8
1	REALM Q 4 oz												1	0
1	Resolve	25	DF	0.3 oz ai/a		POST								
1	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
1	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
1	Herbimax	100	L	1 % v/v		POST								
1	Ammonium Sulfate	100	DF	2 lb/a		POST								
2	Cinch ATZ	5.5	L	1 qt/a		PRE	0	98	98	100	66	66	4	0
2	REALM Q 4 oz													
2	Resolve	25	DF	0.3 oz ai/a		POST								
2	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
2	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
2	Herbimax	100	L	1 % v/v		POST								
2	Ammonium Sulfate	100	DF	2 lb/a		POST								
3	REALM Q 4 oz												0	0
3	Resolve	25	DF	0.3 oz ai/a		POST								
3	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
3	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
3	Abundit	4	L	32 fl oz/a		POST								
3	Ammonium Sulfate	100	DF	2 lb/a		POST								
4	REALM Q 4 oz												8	0
4	Resolve	25	DF	0.3 oz ai/a		POST								
4	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
4	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
4	Ignite 280	2.34	L	22 fl oz/a		POST								
4	Ammonium Sulfate	100	DF	2 lb/a		POST								
5	REALM Q 4 oz												4	0
5	Resolve	25	DF	0.3 oz ai/a		POST								
5	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
5	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
5	Atrazine 90 DF	90	DF	16 oz/a		POST								
5	Herbimax	100	L	1 % v/v		POST								
5	Ammonium Sulfate	100	DF	2 lb/a		POST								
6	Preque1.66ozbyRealm4oz						1	88	80	100	81	89	9	0
6	Resolve	25	DF	0.25 oz ai/a		PRE								
6	Isoxaflutole DRY	75	DF	0.5 oz ai/a		PRE								
6	Resolve	25	DF	0.3 oz ai/a		POST								
6	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
6	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
6	Herbimax	100	L	1 % v/v		POST								
6	Ammonium Sulfate	100	DF	2 lb/a		POST								
7	Steadfast Q 1.5 oz												1	0
7	Steadfast	75	WG	0.5625 oz ai/a		POST								
7	Isoxadifen-Ethyl	50	DF	0.125 oz ai/a		POST								
7	mesotrione DRY	50	DF	1.25 oz ai/a		POST								
7	Herbimax	100	L	1 % v/v		POST								
7	Ammonium Sulfate	100	DF	2 lb/a		POST								
8	Breakfree ATZ	5.25	L	2.2 qt/a		PRE	1	99	100	100	91	93	0	0
8	Resolve	25	DF	1 oz/a		PRE								
9	Breakfree ATZ	5.25	L	1.5 qt/a		PRE	0	99	100	100	91	89	1	0

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Pest Code	ANGR CHEAL AMARE AMBEL ABUTH													
Crop Code	ZEAMX													
Rating Date	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-4-10	Jun-11-10	Jun-18-10		
Rating Type	injury	control	control	control	control	control	control	control	control	control	injury	injury		
Rating Unit	%	%	%	%	%	%	%	%	%	%	%	%		
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST	7 DAPO	14 DAPO		

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
9	Resolve	25	DF	1	oz/a	PRE								
10	Resolve Q 1.25oz						0	0	0	0	0	0	0	0
10	Resolve	25	DF	0.25	oz ai/a	POST								
10	Harmony SG 50%	50	SG	0.05	oz ai/a	POST								
10	Isoxadifen-Ethyl	50	DF	0.15	oz ai/a	POST								
10	Atrazine 90 DF	90	DF	1.1	lb/a	POST								
10	Abundit	4	L	32	fl oz/a	POST								
10	Activator 90	100	L	0.25	% v/v	POST								
10	Ammonium Sulfate	100	DF	2	lb/a	POST								
11	Resolve	25	DF	1	oz/a	PRE	1	90	99	100	81	88	3	0
11	Atrazine 90 DF	90	DF	1.1	lb/a	PRE								
11	Abundit	4	L	32	fl oz/a	POST								
11	Activator 90	100	L	0.25	% v/v	POST								
11	Ammonium Sulfate	100	DF	2	lb/a	POST								
12	Non-Treated												0	0
	LSD (P=.05)						3.2	5.6	6.3	0.7	13.0	10.5	3.9	0.0
	Standard Deviation						2.1	3.6	4.1	0.5	8.4	6.8	2.7	0.0
	CV						336.65	4.61	5.13	0.55	12.34	9.67	108.25	0.0

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ANGR	CHEAL	AMARE	AMBEL	ABUTH	ANGR	CHEAL	AMARE
Crop Code								
Rating Date	Jun-18-10	Jun-18-10	Jun-18-10	Jun-18-10	Jun-18-10	Jul-2-10	Jul-2-10	Jul-2-10
Rating Type	control	control	control	control	control	control	control	control
Rating Unit	%	%	%	%	%	%	%	%
Trt-Eval Interval	14 DAPO	14 DAPO	14 DAPO	14 DAPO	14 DAPO	28 DAPO	28 DAPO	28 DAPO

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Growth Stage	9	10	11	12	13	14	15	16
1	REALM Q 4 oz					97	97	100	74	98	98	100	100
	1 Resolve	25	DF	0.3 oz ai/a	POST								
	1 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	1 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	1 Herbimax	100	L	1 % v/v	POST								
	1 Ammonium Sulfate	100	DF	2 lb/a	POST								
2	Cinch ATZ	5.5	L	1 qt/a	PRE	100	100	100	85	99	99	100	100
	2 REALM Q 4 oz												
	2 Resolve	25	DF	0.3 oz ai/a	POST								
	2 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	2 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	2 Herbimax	100	L	1 % v/v	POST								
	2 Ammonium Sulfate	100	DF	2 lb/a	POST								
3	REALM Q 4 oz					99	98	100	100	100	93	91	100
	3 Resolve	25	DF	0.3 oz ai/a	POST								
	3 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	3 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	3 Abundit	4	L	32 fl oz/a	POST								
	3 Ammonium Sulfate	100	DF	2 lb/a	POST								
4	REALM Q 4 oz					100	99	100	98	100	93	95	100
	4 Resolve	25	DF	0.3 oz ai/a	POST								
	4 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	4 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	4 Ignite 280	2.34	L	22 fl oz/a	POST								
	4 Ammonium Sulfate	100	DF	2 lb/a	POST								
5	REALM Q 4 oz					95	100	100	100	100	80	100	100
	5 Resolve	25	DF	0.3 oz ai/a	POST								
	5 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	5 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	5 Atrazine 90 DF	90	DF	16 oz/a	POST								
	5 Herbimax	100	L	1 % v/v	POST								
	5 Ammonium Sulfate	100	DF	2 lb/a	POST								
6	Preque1.66ozbyRealm4oz					99	100	100	100	100	91	100	100
	6 Resolve	25	DF	0.25 oz ai/a	PRE								
	6 Isoxaflutole DRY	75	DF	0.5 oz ai/a	PRE								
	6 Resolve	25	DF	0.3 oz ai/a	POST								
	6 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a	POST								
	6 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	6 Herbimax	100	L	1 % v/v	POST								
	6 Ammonium Sulfate	100	DF	2 lb/a	POST								
7	Steadfast Q 1.5 oz					97	95	100	75	99	96	100	100
	7 Steadfast	75	WG	0.5625 oz ai/a	POST								
	7 Isoxadifen-Ethyl	50	DF	0.125 oz ai/a	POST								
	7 mesotrione DRY	50	DF	1.25 oz ai/a	POST								
	7 Herbimax	100	L	1 % v/v	POST								
	7 Ammonium Sulfate	100	DF	2 lb/a	POST								
8	Breakfree ATZ	5.25	L	2.2 qt/a	PRE	100	100	100	88	88	95	95	100
	8 Resolve	25	DF	1 oz/a	PRE								
9	Breakfree ATZ	5.25	L	1.5 qt/a	PRE	99	100	100	84	90	90	92	100

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	ANGR	CHEAL	AMARE	AMBEL	ABUTH	ANGR	CHEAL	AMARE	
Crop Code									
Rating Date	Jun-18-10	Jun-18-10	Jun-18-10	Jun-18-10	Jun-18-10	Jul-2-10	Jul-2-10	Jul-2-10	
Rating Type	control	control	control	control	control	control	control	control	
Rating Unit	%	%	%	%	%	%	%	%	
Trt-Eval Interval	14 DAPO	14 DAPO	14 DAPO	14 DAPO	14 DAPO	28 DAPO	28 DAPO	28 DAPO	

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Growth Stage	9	10	11	12	13	14	15	16
9	Resolve	25	DF	1	oz/a	PRE								
10	Resolve Q 1.25oz						100	100	100	100	100	95	100	100
10	Resolve	25	DF	0.25	oz ai/a	POST								
10	Harmony SG 50%	50	SG	0.05	oz ai/a	POST								
10	Isoxadifen-Ethyl	50	DF	0.15	oz ai/a	POST								
10	Atrazine 90 DF	90	DF	1.1	lb/a	POST								
10	Abundit	4	L	32	fl oz/a	POST								
10	Activator 90	100	L	0.25	% v/v	POST								
10	Ammonium Sulfate	100	DF	2	lb/a	POST								
11	Resolve	25	DF	1	oz/a	PRE	100	91	100	99	98	95	85	99
11	Atrazine 90 DF	90	DF	1.1	lb/a	PRE								
11	Abundit	4	L	32	fl oz/a	POST								
11	Activator 90	100	L	0.25	% v/v	POST								
11	Ammonium Sulfate	100	DF	2	lb/a	POST								
12	Non-Treated						0	0	0	0	0	0	0	0
	LSD (P=.05)						1.4	3.2	0.0	4.0	3.5	4.8	5.2	1.0
	Standard Deviation						1.0	2.2	0.0	2.8	2.4	3.3	3.6	0.7
	CV						1.05	2.46	0.0	3.31	2.7	3.9	4.12	0.79

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Pest Type	W	Weed	W	Weed	W	Weed	W	Weed	W	Weed	W	Weed	W	Weed
Pest Code	AMBEL	ABUTH	ANGR	CHEAL	AMARE	AMBEL	ABUTH							
Crop Code														
Rating Date	Jul-2-10	Jul-2-10	Jul-26-10	Jul-26-10	Jul-26-10	Jul-26-10	Jul-26-10							
Rating Type	control	control	control	control	control	control	control							
Rating Unit	%	%	%	%	%	%	%							
Trt-Eval Interval	28 DAPO	28 DAPO	52 DAPO	52 DAPO	52 DAPO	52 DAPO	52 DAPO							

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	REALM Q 4 oz						70	100	98.8	100	100	60	100	
	1 Resolve	25	DF	0.3 oz ai/a		POST								
	1 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	1 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	1 Herbimax	100	L	1 % v/v		POST								
	1 Ammonium Sulfate	100	DF	2 lb/a		POST								
2	Cinch ATZ	5.5	L	1 qt/a		PRE	89	100	96.3	100	100	80	100	
	2 REALM Q 4 oz													
	2 Resolve	25	DF	0.3 oz ai/a		POST								
	2 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	2 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	2 Herbimax	100	L	1 % v/v		POST								
	2 Ammonium Sulfate	100	DF	2 lb/a		POST								
3	REALM Q 4 oz						99	100	92.5	89	100	98	100	
	3 Resolve	25	DF	0.3 oz ai/a		POST								
	3 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	3 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	3 Abundit	4	L	32 fl oz/a		POST								
	3 Ammonium Sulfate	100	DF	2 lb/a		POST								
4	REALM Q 4 oz						93	100	91.3	95	100	89	100	
	4 Resolve	25	DF	0.3 oz ai/a		POST								
	4 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	4 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	4 Ignite 280	2.34	L	22 fl oz/a		POST								
	4 Ammonium Sulfate	100	DF	2 lb/a		POST								
5	REALM Q 4 oz						100	100	76.3	100	100	100	100	
	5 Resolve	25	DF	0.3 oz ai/a		POST								
	5 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	5 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	5 Atrazine 90 DF	90	DF	16 oz/a		POST								
	5 Herbimax	100	L	1 % v/v		POST								
	5 Ammonium Sulfate	100	DF	2 lb/a		POST								
6	Preque1.66ozbyRealm4oz						100	100	90.0	100	100	100	100	
	6 Resolve	25	DF	0.25 oz ai/a		PRE								
	6 Isoxaflutole DRY	75	DF	0.5 oz ai/a		PRE								
	6 Resolve	25	DF	0.3 oz ai/a		POST								
	6 Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
	6 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	6 Herbimax	100	L	1 % v/v		POST								
	6 Ammonium Sulfate	100	DF	2 lb/a		POST								
7	Steadfast Q 1.5 oz						74	100	98.8	100	100	63	100	
	7 Steadfast	75	WG	0.5625 oz ai/a		POST								
	7 Isoxadifen-Ethyl	50	DF	0.125 oz ai/a		POST								
	7 mesotrione DRY	50	DF	1.25 oz ai/a		POST								
	7 Herbimax	100	L	1 % v/v		POST								
	7 Ammonium Sulfate	100	DF	2 lb/a		POST								
8	Breakfree ATZ	5.25	L	2.2 qt/a		PRE	81	81	96.3	91	100	78	73	
	8 Resolve	25	DF	1 oz/a		PRE								
9	Breakfree ATZ	5.25	L	1.5 qt/a		PRE	76	81	91.3	85	99	73	78	

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Pest Code	AMBEL	ABUTH	ANGR	CHEAL	AMARE	AMBEL	ABUTH							
Crop Code														
Rating Date	Jul-2-10	Jul-2-10	Jul-26-10	Jul-26-10	Jul-26-10	Jul-26-10	Jul-26-10							
Rating Type	control	control	control	control	control	control	control							
Rating Unit	%	%	%	%	%	%	%							
Trt-Eval Interval	28 DAPO	28 DAPO	52 DAPO	52 DAPO	52 DAPO	52 DAPO	52 DAPO							

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
9	Resolve	25	DF	1 oz/a		PRE								
10	Resolve Q 1.25oz						99	100	93.8	100	100	99	100	
10	Resolve	25	DF	0.25 oz ai/a		POST								
10	Harmony SG 50%	50	SG	0.05 oz ai/a		POST								
10	Isoxadifen-Ethyl	50	DF	0.15 oz ai/a		POST								
10	Atrazine 90 DF	90	DF	1.1 lb/a		POST								
10	Abundit	4	L	32 fl oz/a		POST								
10	Activator 90	100	L	0.25 % v/v		POST								
10	Ammonium Sulfate	100	DF	2 lb/a		POST								
11	Resolve	25	DF	1 oz/a		PRE	89	98	93.8	81	99	80	94	
11	Atrazine 90 DF	90	DF	1.1 lb/a		PRE								
11	Abundit	4	L	32 fl oz/a		POST								
11	Activator 90	100	L	0.25 % v/v		POST								
11	Ammonium Sulfate	100	DF	2 lb/a		POST								
12	Non-Treated						0	0	0.0	0	0	0	0	
	LSD (P=.05)						6.2	5.4	4.30	5.0	1.5	6.0	5.1	.
	Standard Deviation						4.3	3.7	2.98	3.4	1.0	4.2	3.5	.
	CV						5.31	4.22	3.5	3.97	1.13	5.43	4.07	.