

Application Placement:	BROFOL	BROFOL
Air Temperature, Unit:	86 F	69 F
% Relative Humidity:	67	38
Wind Velocity, Unit:	8 MPH	4 MPH
Wind Direction:	S	SE
Soil Temperature, Unit:	81 F	67 F
Soil Moisture:	Damp	Damp
% Cloud Cover:	90	70

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMX	BCORZEAMX BCOR
Stage Scale Used:		V3-V4

Pest Stage At Each Application

	A	B
Pest 1 Code, Disc., Scale:	BRAPP	WBRAPP W
Stage Majority, Percent:		3-4 LF
Height, Unit:		1 "
Pest 2 Code, Disc., Scale:	ECLAL	WECLAL W
Height, Unit:		6 "
Pest 3 Code, Disc., Scale:	VERAR	WVERAR W
Height, Unit:		2 "
Pest 4 Code, Disc., Scale:	SEBEX	WSEBEX W
Stage Minimum, Percent:		cot
Height, Unit:		1 "

Application Equipment

	A	B
Appl. Equipment:	Tractor	Tractor
Operating Pressure, Unit:	40 PSI	40 PSI
Nozzle Type:	Greenleaf	Greenleaf
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	20 IN	20 IN
Nozzles/Row:	2	2
Carrier:	Water	Water
Spray Volume, Unit:	15 GPA	15 GPA
Propellant:	CO	CO

LSU Northeast Research Station

Effect of Counter 15 G on corn injury from Resolve

Trial ID: MR07C001 Protocol ID: MR07C001

Location: Study Director:
Investigator: Bill Williams

Pest Type	ZEAMX							
Pest Code	ZEAMX							
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX				
Part Rated	PLATOT	CPLATOT	CPLATOT	CPLATOT				
Rating Date	21/May/07	4/Jun/07	18/Jun/07	15/Aug/07				
Rating Data Type	Chlorosis	Chlorosis	Chlorosis	Chlorosis				
Rating Unit	%	%	%	%				
Trt-Eval Interval	14 DA-A	15 DA-B	29 DA-B	87 DA-B				
Trt Treatment	Rate	Unit	Growth					
No. Name	Rate	Unit	Stage	1	2	3	4	
1 Counter 15G	0	LB A/A	AP	0	c0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
2 Counter 15G	0	LB A/A	AP	8	b0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Resolve	1	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
3 Counter 15G	0	LB A/A	AP	0	c0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
Resolve	1	OZ/A	LPOST					
4 Counter 15G	0	LB A/A	AP	0	c0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Resolve	1	OZ/A	EPOST					
Isoxadifen-ethyl	0.125	OZ A/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
5 Counter 15G	0	LB A/A	AP	0	c0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
Resolve	1	OZ/A	LPOST					
Isoxadifen-ethyl	0.125	OZ A/A	LPOST					
6 Counter 15G	0.5	LB A/A	AP	0	c0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
7 Counter 15G	0.5	LB A/A	AP	10	b0	e0	c0	a
Roundup Weathermax	22	OZ/A	EPOST					
Resolve	1	OZ/A	EPOST					
Roundup Weathermax	22	OZ/A	LPOST					
8 Counter 15G	0.5	LB A/A	AP	0	c54	b18	b0	a
Roundup Weathermax	22	OZ/A	EPOST					

	Roundup Weathermax	22	OZ/A	LPOST					
	Resolve	1	OZ/A	LPOST					
9	Counter 15G	0.5	LB A/A	AP 3	c 0	e 0	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Resolve	1	OZ/A	EPOST					
	Isoxadifen-ethyl	0.125	OZ A/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
10	Counter 15G	0.5	LB A/A	AP 0	c 15	c 4	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Resolve	1	OZ/A	LPOST					
	Isoxadifen-ethyl	0.125	OZ A/A	LPOST					
11	Counter 15G	1.0	LB A/A	AP 0	c 0	e 0	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
12	Counter 15G	1.0	LB A/A	AP 13	a 0	e 0	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Resolve	1	OZ/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
13	Counter 15G	1.0	LB A/A	AP 0	c 62	a 34	a 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Resolve	1	OZ/A	LPOST					
14	Counter 15G	1	LB A/A	AP 4	c 0	e 0	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Resolve	1	OZ/A	EPOST					
	Isoxadifen-ethyl	0.125	OZ A/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
15	Counter 15G	1	LB A/A	AP 0	c 8	d 0	c 0	a	
	Roundup Weathermax	22	OZ/A	EPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Resolve	1	OZ/A	LPOST					
	Isoxadifen-ethyl	0.125	OZ A/A	LPOST					
<hr/>									
	LSD (P=.10)				2.1	2.4	2.3	0.0	
	Standard Deviation				2.0	2.3	2.1	0.0	
	CV				80.23	24.36	57.57	0.0	
	Grand Mean				2.53	9.27	3.73	0.0	
	Bartlett's X2				1.602	1.862	0.205	0.0	
	P(Bartlett's X2)				0.808	0.601	0.902	.	
	Replicate F				1.735	2.192	3.320	0.000	
	Replicate Prob(F)				0.1552	0.0816	0.0165	1.0000	
	Treatment F				22.628	403.804	99.505	0.000	
	Treatment Prob(F)				0.0001	0.0001	0.0001	1.0000	

LSU Northeast Research Station

Pest Type				
Pest Code				
Crop Code		ZEAMX	ZEAMX	ZEAMX
Part Rated		ZEAMX	ZEAMX	ZEAMX
Rating Date		PLATOT	CPLATOT	CPLATOT
Rating Data Type		CPLATOT	CPLATOT	CPLATOT
Rating Unit		21/May/07	4/Jun/07	18/Jun/07
Trt-Eval Interval		15/Aug/07		
Trt Treatment		Chlorosis	Chlorosis	Chlorosis
No.		%	%	%
Name		14 DA-A	15 DA-B	29 DA-B
				87 DA-B
	Rate	Growth		
	Rate Unit	Stage	1	2
			3	4

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

10	Counter 15G	0.5	LB A/A AP	0	c 22	b 4	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Roundup Weathermax	22	OZ/A LPOST					
	Resolve	1	OZ/A LPOST					
	Isoxadifen-ethyl	0.125	OZ A/ALPOST					
11	Counter 15G	1.0	LB A/A AP	0	c 0	d 0	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Roundup Weathermax	22	OZ/A LPOST					
12	Counter 15G	1.0	LB A/A AP	4	a 0	d 0	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Resolve	1	OZ/A EPOST					
	Roundup Weathermax	22	OZ/A LPOST					
13	Counter 15G	1.0	LB A/A AP	0	c 28	a 5	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Roundup Weathermax	22	OZ/A LPOST					
	Resolve	1	OZ/A LPOST					
14	Counter 15G	1	LB A/A AP	1	c 0	d 0	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Resolve	1	OZ/A EPOST					
	Isoxadifen-ethyl	0.125	OZ A/AEPOST					
	Roundup Weathermax	22	OZ/A LPOST					
15	Counter 15G	1	LB A/A AP	0	c 4	d 0	a0	a
	Roundup Weathermax	22	OZ/A EPOST					
	Roundup Weathermax	22	OZ/A LPOST					
	Resolve	1	OZ/A LPOST					
	Isoxadifen-ethyl	0.125	OZ A/ALPOST					
LSD (P=.10)				0.7	2.6	2.8	0.0	
Standard Deviation				0.7	2.4	2.6	0.0	
CV				143.37	39.46	262.77	0.0	
Grand Mean				0.47	6.13	1.0	0.0	
Bartlett's X2				2.722	2.02	0.21	0.0	
P(Bartlett's X2)				0.436	0.732	0.976	.	
Replicate F				0.074	1.366	1.207	0.000	
Replicate Prob(F)				0.9897	0.2574	0.3181	1.0000	
Treatment F				12.043	88.033	2.379	0.000	
Treatment Prob(F)				0.0001	0.0001	0.0112	1.0000	

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Pest Type				
Pest Code				
Crop Code		ZEAMX	ZEAMX	ZEAMX
Part Rated		PLATOT	CPLATOT	CPLATOT
Rating Date		21/May/07	4/Jun/07	18/Jun/07
Rating Data Type		Twisting	Twisting	Twisting
Rating Unit		0-4	0-4	0-4
Trt-Eval Interval		14 DA-A	15 DA-B	29 DA-B
Trt Treatment	Rate	Growth		
No.Name	Rate Unit	Stage	5	6
			7	8

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

10	Counter 15G	0.5	LB A/A AP	0	d34	c 12	c 0	a19	b
	Roundup Weathermax	22	OZ/A EPOST						
	Roundup Weathermax	22	OZ/A LPOST						
	Resolve	1	OZ/A LPOST						
	Isoxadifen-ethyl	0.125	OZ A/ALPOST						
11	Counter 15G	1.0	LB A/A AP	0	d0	e 0	d0	a34	a
	Roundup Weathermax	22	OZ/A EPOST						
	Roundup Weathermax	22	OZ/A LPOST						
12	Counter 15G	1.0	LB A/A AP	69	a32	cd16	c 0	a15	b
	Roundup Weathermax	22	OZ/A EPOST						
	Resolve	1	OZ/A EPOST						
	Roundup Weathermax	22	OZ/A LPOST						
13	Counter 15G	1.0	LB A/A AP	0	d76	a 44	a 0	a13	b
	Roundup Weathermax	22	OZ/A EPOST						
	Roundup Weathermax	22	OZ/A LPOST						
	Resolve	1	OZ/A LPOST						
14	Counter 15G	1	LB A/A AP	14	c 32	cd16	c 0	a31	a
	Roundup Weathermax	22	OZ/A EPOST						
	Resolve	1	OZ/A EPOST						
	Isoxadifen-ethyl	0.125	OZ A/AEPOST						
	Roundup Weathermax	22	OZ/A LPOST						
15	Counter 15G	1	LB A/A AP	1	d28	d 28	b 0	a16	b
	Roundup Weathermax	22	OZ/A EPOST						
	Roundup Weathermax	22	OZ/A LPOST						
	Resolve	1	OZ/A LPOST						
	Isoxadifen-ethyl	0.125	OZ A/ALPOST						
LSD (P=.10)				4.3	3.3	3.6	0.0	8.4	
Standard Deviation				4.0	3.1	3.4	0.0	7.9	
CV				36.14	14.48	30.87	0.0	30.92	
Grand Mean				11.16	21.53	11.13	0.0	25.71	
Bartlett's X2				11.167	2.252	0.408	0.0	23.625	
P(Bartlett's X2)				0.083	0.895	0.999	.	0.051	
Replicate F				2.157	2.707	1.665	0.000	6.194	
Replicate Prob(F)				0.0857	0.0392	0.1709	1.0000	0.0003	
Treatment F				139.592	387.383	85.214	0.000	9.026	
Treatment Prob(F)				0.0001	0.0001	0.0001	1.0000	0.0001	

LSU Northeast Research Station

Pest Type					
Pest Code					
Crop Code			ZEAMX	ZEAMX	ZEAMX
Part Rated			PLATOT	CPLATOT	CPLATOT
Rating Date			21/May/07	4/Jun/07	18/Jun/07
Rating Data Type			Vigor	Vigor	Vigor
Rating Unit			% Reduct	% Reduct	% Reduct
Trt-Eval Interval			14 DA-A	15 DA-B	29 DA-B
Trt Treatment		Rate	Growth		
No. Name		Rate Unit	Stage	9	10
				11	12
					13

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type						
Pest Code						
Crop Code				ZEAMX	ZEAMX	
Part Rated				GRAIN	CGRAIN	C
Rating Date				29/Aug/07	29/Aug/07	
Rating Data Type				Moisture	YIELD	
Rating Unit				%	BU	
Trt-Eval Interval				101 DA-B	101 DA-B	

Trt No.	Treatment Name	Rate	Unit	Growth Stage	14	15	
1	Counter 15G	0	LB A/A	AP	13	a 123	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
2	Counter 15G	0	LB A/A	AP	13	a 108	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Resolve	1	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
3	Counter 15G	0	LB A/A	AP	13	a 108	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
	Resolve	1	OZ/A	LPOST			
4	Counter 15G	0	LB A/A	AP	13	a 128	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Resolve	1	OZ/A	EPOST			
	Isoxadifen-ethyl	0.125	OZ A/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
5	Counter 15G	0	LB A/A	AP	13	a 122	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
	Resolve	1	OZ/A	LPOST			
	Isoxadifen-ethyl	0.125	OZ A/A	LPOST			
6	Counter 15G	0.5	LB A/A	AP	13	a 114	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
7	Counter 15G	0.5	LB A/A	AP	13	a 56	b
	Roundup Weathermax	22	OZ/A	EPOST			
	Resolve	1	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
8	Counter 15G	0.5	LB A/A	AP	13	a 12	c
	Roundup Weathermax	22	OZ/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			
	Resolve	1	OZ/A	LPOST			
9	Counter 15G	0.5	LB A/A	AP	13	a 103	a
	Roundup Weathermax	22	OZ/A	EPOST			
	Resolve	1	OZ/A	EPOST			
	Isoxadifen-ethyl	0.125	OZ A/A	EPOST			
	Roundup Weathermax	22	OZ/A	LPOST			

10	Counter 15G	0.5	LB A/A AP	13	a65	b
	Roundup Weathermax	22	OZ/A EPOST			
	Roundup Weathermax	22	OZ/A LPOST			
	Resolve	1	OZ/A LPOST			
	Isoxadifen-ethyl	0.125	OZ A/ALPOST			
11	Counter 15G	1.0	LB A/A AP	13	a117	a
	Roundup Weathermax	22	OZ/A EPOST			
	Roundup Weathermax	22	OZ/A LPOST			
12	Counter 15G	1.0	LB A/A AP	13	a50	b
	Roundup Weathermax	22	OZ/A EPOST			
	Resolve	1	OZ/A EPOST			
	Roundup Weathermax	22	OZ/A LPOST			
13	Counter 15G	1.0	LB A/A AP	14	a45	b
	Roundup Weathermax	22	OZ/A EPOST			
	Roundup Weathermax	22	OZ/A LPOST			
	Resolve	1	OZ/A LPOST			
14	Counter 15G	1	LB A/A AP	13	a104	a
	Roundup Weathermax	22	OZ/A EPOST			
	Resolve	1	OZ/A EPOST			
	Isoxadifen-ethyl	0.125	OZ A/AEPOST			
	Roundup Weathermax	22	OZ/A LPOST			
15	Counter 15G	1	LB A/A AP	13	a56	b
	Roundup Weathermax	22	OZ/A EPOST			
	Roundup Weathermax	22	OZ/A LPOST			
	Resolve	1	OZ/A LPOST			
	Isoxadifen-ethyl	0.125	OZ A/ALPOST			
LSD (P=.10)				0.7	28.5	
Standard Deviation				0.7	27.0	
CV				5.04	30.92	
Grand Mean				13.03	87.37	
Bartlett's X2				73.564	23.625	
P(Bartlett's X2)				0.001*	0.051	
Replicate F				0.168	6.194	
Replicate Prob(F)				0.9537	0.0003	
Treatment F				0.499	9.026	
Treatment Prob(F)				0.9241	0.0001	

LSU Northeast Research Station

Pest Type				
Pest Code				
Crop Code			ZEAMX	ZEAMX
Part Rated			GRAIN	CGRAIN C
Rating Date			29/Aug/07	29/Aug/07
Rating Data Type			Moisture	YIELD
Rating Unit			%	BU
Trt-Eval Interval			101 DA-B	101 DA-B

Trt Treatment		Rate	Growth	
No.Name		Rate Unit	Stage	14 15

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 15: TY1 = 3.398648*[13]