

MSU Weed Science Research Program

Weed control and crop tolerance with early POST applications of BAS 67703H

Trial ID: C04-15 Study Dir.: Sprague and Powell
 Conducted: Campus C-27 Investigator: Christy Sprague

Date Planted: Apr/29/2015 Row Spacing: 30 IN
 Variety: Dekalb 49-72 No. of Reps: 4
 Population: 32,000 seeds/A % OM: 3.1
 Soil Type: Sandy loam pH: 6.2
 Plot Size: 10 X 35 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fall chisel plow; spring soil finish
 Fertilizer: 300lb/A Urea broadcasted and incorporated; 150lb/A 19-19-19 starter

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	ANGR	mainly foxtail species	SETARIA SP.
2.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
3.	AMAPO	AMARANTH, POWELL	AMARANTHUS POWELLII S.WATS.
4.	AMBEL	RAGWEED, COMMON	AMBROSIA ARTEMISIIFOLIA L.
5.	ABUTH	VELVETLEAF	ABUTILON THEOPHRASTI MEDIK.
Crop	Code	Common Name	
1.	ZEAMX	CORN, FIELD	

Application Description

A
 Application Timing: EPOS
 Date Treated: May/28/2015
 Time Treated: 11:10 AM
 % Cloud Cover: 0
 Air Temp., Unit: 77 F
 % Relative Humidity: 48
 Wind Speed/Unit/Dir: 3 mph SW
 Soil Temp., Unit: 61 F
 Soil/Leaf Surface M: 4 5
 Soil Moist (1=w 5=d): 4

Crop Stage at Each Application

A
 Crop Name: ZEAMX
 Height (In.): 8"
 Stage (L): V2-V4

Weed Stage at Each Application

A
 Weed 1 Name: ANGR
 Height (In.): 3"
 Stage (L): 3
 Weed 2 Name: CHEAL
 Height (In.): 0.75"
 Stage (L): 4
 Weed 3 Name: AMAPO
 Height (In.): 0.75"
 Stage (L): 4
 Weed 4 Name: AMBEL
 Height (In.): 0.75"
 Stage (L): 4
 Weed 5 Name: ABUTH
 Height (In.): 1"
 Stage (L): 2

Weed Density (plants/sq. ft.)

Date:	1	2	3	4	5
Jun/09/2015	Jun/09/2015	Jun/09/2015	Jun/09/2015	Jun/09/2015	Jun/09/2015
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Density:	2	19	1	<1	<1

Application Equipment

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom			
	Type	MPH	Type	Size	Height	Spacing	Width	GPA	Carrier	PSI
A	Cub	3.8	AIXR	11003	26"	20"	100"	19	Water	28

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Weed control and crop tolerance with early POST applications of BAS 67703H

Trial ID: C04-15
 Conducted: Campus C-27

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

Weed Code								ZEAMX	ANGR	CHEAL	AMAPO
Crop Code								injury	control	control	control
Rating Data Type								percent	percent	percent	percent
Rating Unit								Jun/04/2015	Jun/04/2015	Jun/04/2015	Jun/04/2015
Rating Date								7 DA-A	7 DA-A	7 DA-A	7 DA-A
Trt-Eval Interval								0	0	0	0
# Subsamples, Dec.											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	0	93	89	99
1	MSO		L	1	% v/v	EPOS	A				
1	AMS		WG	8.5	lb/100 gal	EPOS	A				
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	0	91	89	99
2	MSO		L	1	% v/v	EPOS	A				
2	AMS		WG	8.5	lb/100 gal	EPOS	A				
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	5	80	75	99
3	Crop oil concentrate		L	1	% v/v	EPOS	A				
3	AMS		WG	8.5	lb/100 gal	EPOS	A				
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	0	95	87	99
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
4	Crop oil concentrate		L	1	% v/v	EPOS	A				
4	AMS		WG	8.5	lb/100 gal	EPOS	A				
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	0	98	94	99
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
5	Crop oil concentrate		L	1	% v/v	EPOS	A				
5	AMS		WG	8.5	lb/100 gal	EPOS	A				
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	2	98	96	99
6	Surfactant		L	0.25	% v/v	EPOS	A				
6	AMS		WG	8.5	lb/100 gal	EPOS	A				
7	Halex GT	4.38	L	4	pt/a	EPOS	A	2	99	95	99
7	Surfactant		L	0.25	% v/v	EPOS	A				
7	AMS		WG	8.5	lb/100 gal	EPOS	A				
8	Untreated							0	0	0	0
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	1	99	99	99
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
9	Atrazine	90	WG	0.56	lb/a	EPOS	A				
9	Crop oil concentrate		L	1	% v/v	EPOS	A				
9	AMS		WG	8.5	lb/100 gal	EPOS	A				
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	1	99	99	99
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
10	Atrazine	90	WG	0.56	lb/a	EPOS	A				
10	Crop oil concentrate		L	1	% v/v	EPOS	A				
10	AMS		WG	8.5	lb/100 gal	EPOS	A				
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	3	94	99	99
11	Atrazine	90	WG	0.56	lb/a	EPOS	A				
11	Surfactant		L	0.25	% v/v	EPOS	A				
11	AMS		WG	8.5	lb/100 gal	EPOS	A				
12	Halex GT	4.38	L	4	pt/a	EPOS	A	2	95	96	99
12	Atrazine	90	WG	0.56	lb/a	EPOS	A				
12	Surfactant		L	0.25	% v/v	EPOS	A				
12	AMS		WG	8.5	lb/100 gal	EPOS	A				
LSD (P=.05)								1.5	6.1	7.7	0.0
CV								85.19	4.86	6.28	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)

MSU Weed Science Research Program

Weed control and crop tolerance with early POST applications of BAS 67703H

Trial ID: C04-15
 Conducted: Campus C-27

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

Weed Code								AMBEL	ABUTH	ZEAMX	ANGR	CHEAL
Crop Code												
Rating Data Type								control	control	injury	control	control
Rating Unit								percent	percent	percent	percent	percent
Rating Date								Jun/04/2015	Jun/04/2015	Jun/11/2015	Jun/11/2015	Jun/11/2015
Trt-Eval Interval								7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A
# Subsamples, Dec.								0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	79	94	0	99	96
1	MSO		L	1	% v/v	EPOS	A					
1	AMS		WG	8.5	lb/100 gal	EPOS	A					
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	81	95	2	98	97
2	MSO		L	1	% v/v	EPOS	A					
2	AMS		WG	8.5	lb/100 gal	EPOS	A					
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	74	91	5	95	99
3	Crop oil concentrate		L	1	% v/v	EPOS	A					
3	AMS		WG	8.5	lb/100 gal	EPOS	A					
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	78	95	0	99	95
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
4	Crop oil concentrate		L	1	% v/v	EPOS	A					
4	AMS		WG	8.5	lb/100 gal	EPOS	A					
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	86	99	2	99	97
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
5	Crop oil concentrate		L	1	% v/v	EPOS	A					
5	AMS		WG	8.5	lb/100 gal	EPOS	A					
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	86	99	0	99	99
6	Surfactant		L	0.25	% v/v	EPOS	A					
6	AMS		WG	8.5	lb/100 gal	EPOS	A					
7	Halex GT	4.38	L	4	pt/a	EPOS	A	87	99	0	99	99
7	Surfactant		L	0.25	% v/v	EPOS	A					
7	AMS		WG	8.5	lb/100 gal	EPOS	A					
8	Untreated							0	0	0	0	0
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	99	1	99	99
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
9	Atrazine	90	WG	0.56	lb/a	EPOS	A					
9	Crop oil concentrate		L	1	% v/v	EPOS	A					
9	AMS		WG	8.5	lb/100 gal	EPOS	A					
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	3	99	99
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
10	Atrazine	90	WG	0.56	lb/a	EPOS	A					
10	Crop oil concentrate		L	1	% v/v	EPOS	A					
10	AMS		WG	8.5	lb/100 gal	EPOS	A					
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	99	0	99	99
11	Atrazine	90	WG	0.56	lb/a	EPOS	A					
11	Surfactant		L	0.25	% v/v	EPOS	A					
11	AMS		WG	8.5	lb/100 gal	EPOS	A					
12	Halex GT	4.38	L	4	pt/a	EPOS	A	97	99	2	98	99
12	Atrazine	90	WG	0.56	lb/a	EPOS	A					
12	Surfactant		L	0.25	% v/v	EPOS	A					
12	AMS		WG	8.5	lb/100 gal	EPOS	A					
LSD (P=.05)								8.3	7.5	1.6	3.3	3.7
CV								7.15	5.82	90.26	2.5	2.83

Means followed by same letter do not significantly differ (P=.05, LSD)

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Trial ID: C04-15 Study Dir.: Sprague and Powell
 Conducted: Campus C-27 Investigator: Christy Sprague

Weed Code								AMAPO	AMBEL	ABUTH	CAPBU	ZEAMX
Crop Code								control	control	control	control	injury
Rating Data Type								percent	percent	percent	percent	percent
Rating Unit								Jun/11/2015	Jun/11/2015	Jun/11/2015	Jun/11/2015	Jun/25/2015
Rating Date								14 DA-A	14 DA-A	14 DA-A	14 DA-A	28 DA-A
Trt-Eval Interval								0	0	0	0	0
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	95	97	99	0
1	MSO		L	1	% v/v	EPOS	A					
1	AMS		WG	8.5	lb/100 gal	EPOS	A					
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	97	97	99	0
2	MSO		L	1	% v/v	EPOS	A					
2	AMS		WG	8.5	lb/100 gal	EPOS	A					
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	99	99	99	99	0
3	Crop oil concentrate		L	1	% v/v	EPOS	A					
3	AMS		WG	8.5	lb/100 gal	EPOS	A					
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	88	98	99	0
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
4	Crop oil concentrate		L	1	% v/v	EPOS	A					
4	AMS		WG	8.5	lb/100 gal	EPOS	A					
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	98	99	99	0
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
5	Crop oil concentrate		L	1	% v/v	EPOS	A					
5	AMS		WG	8.5	lb/100 gal	EPOS	A					
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	89	99	99	0
6	Surfactant		L	0.25	% v/v	EPOS	A					
6	AMS		WG	8.5	lb/100 gal	EPOS	A					
7	Halex GT	4.38	L	4	pt/a	EPOS	A	99	91	99	99	0
7	Surfactant		L	0.25	% v/v	EPOS	A					
7	AMS		WG	8.5	lb/100 gal	EPOS	A					
8	Untreated							0	0	0	0	0
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	99	99	99	0
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
9	Atrazine	90	WG	0.56	lb/a	EPOS	A					
9	Crop oil concentrate		L	1	% v/v	EPOS	A					
9	AMS		WG	8.5	lb/100 gal	EPOS	A					
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	99	99	0
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
10	Atrazine	90	WG	0.56	lb/a	EPOS	A					
10	Crop oil concentrate		L	1	% v/v	EPOS	A					
10	AMS		WG	8.5	lb/100 gal	EPOS	A					
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	99	99	99	0
11	Atrazine	90	WG	0.56	lb/a	EPOS	A					
11	Surfactant		L	0.25	% v/v	EPOS	A					
11	AMS		WG	8.5	lb/100 gal	EPOS	A					
12	Halex GT	4.38	L	4	pt/a	EPOS	A	99	98	99	99	0
12	Atrazine	90	WG	0.56	lb/a	EPOS	A					
12	Surfactant		L	0.25	% v/v	EPOS	A					
12	AMS		WG	8.5	lb/100 gal	EPOS	A					
LSD (P=.05)								0.0	8.5	2.7	0.0	0.0
CV								0.0	6.74	2.07	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)

MSU Weed Science Research Program

Weed control and crop tolerance with early POST applications of BAS 67703H

Trial ID: C04-15
 Conducted: Campus C-27

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

Weed Code								ANGR	CHEAL	AMAPO	AMBEL
Crop Code											
Rating Data Type								control	control	control	control
Rating Unit								percent	percent	percent	percent
Rating Date								Jun/25/2015	Jun/25/2015	Jun/25/2015	Jun/25/2015
Trt-Eval Interval								28 DA-A	28 DA-A	28 DA-A	28 DA-A
# Subsamples, Dec.								0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	98	98	99	98
1	MSO		L	1	% v/v	EPOS	A				
1	AMS		WG	8.5	lb/100 gal	EPOS	A				
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	99	99
2	MSO		L	1	% v/v	EPOS	A				
2	AMS		WG	8.5	lb/100 gal	EPOS	A				
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	98	99	99	99
3	Crop oil concentrate		L	1	% v/v	EPOS	A				
3	AMS		WG	8.5	lb/100 gal	EPOS	A				
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	97	99	91
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
4	Crop oil concentrate		L	1	% v/v	EPOS	A				
4	AMS		WG	8.5	lb/100 gal	EPOS	A				
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	99	99
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
5	Crop oil concentrate		L	1	% v/v	EPOS	A				
5	AMS		WG	8.5	lb/100 gal	EPOS	A				
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	98	99	99	93
6	Surfactant		L	0.25	% v/v	EPOS	A				
6	AMS		WG	8.5	lb/100 gal	EPOS	A				
7	Halex GT	4.38	L	4	pt/a	EPOS	A	99	99	99	92
7	Surfactant		L	0.25	% v/v	EPOS	A				
7	AMS		WG	8.5	lb/100 gal	EPOS	A				
8	Untreated							0	0	0	0
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	99	99	99
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
9	Atrazine	90	WG	0.56	lb/a	EPOS	A				
9	Crop oil concentrate		L	1	% v/v	EPOS	A				
9	AMS		WG	8.5	lb/100 gal	EPOS	A				
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	99	99
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
10	Atrazine	90	WG	0.56	lb/a	EPOS	A				
10	Crop oil concentrate		L	1	% v/v	EPOS	A				
10	AMS		WG	8.5	lb/100 gal	EPOS	A				
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	99	99	99
11	Atrazine	90	WG	0.56	lb/a	EPOS	A				
11	Surfactant		L	0.25	% v/v	EPOS	A				
11	AMS		WG	8.5	lb/100 gal	EPOS	A				
12	Halex GT	4.38	L	4	pt/a	EPOS	A	98	99	99	99
12	Atrazine	90	WG	0.56	lb/a	EPOS	A				
12	Surfactant		L	0.25	% v/v	EPOS	A				
12	AMS		WG	8.5	lb/100 gal	EPOS	A				
LSD (P=.05)								1.6	1.2	0.0	5.3
CV								1.23	0.95	0.0	4.17

Means followed by same letter do not significantly differ (P=.05, LSD)

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Trial ID: C04-15 Study Dir.: Sprague and Powell
 Conducted: Campus C-27 Investigator: Christy Sprague

Weed Code								ABUTH	ZEAMX	ANGR	CHEAL	AMAPO
Crop Code								control	injury	control	control	control
Rating Data Type								percent	percent	percent	percent	percent
Rating Unit								Jun/25/2015	Jul/23/2015	Jul/23/2015	Jul/23/2015	Jul/23/2015
Rating Date								28 DA-A	56 DA-A	56 DA-A	56 DA-A	56 DA-A
Trt-Eval Interval								0	0	0	0	0
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	98	0	96	98	99
1	MSO		L	1	% v/v	EPOS	A					
1	AMS		WG	8.5	lb/100 gal	EPOS	A					
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	0	99	99	99
2	MSO		L	1	% v/v	EPOS	A					
2	AMS		WG	8.5	lb/100 gal	EPOS	A					
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	99	0	98	99	99
3	Crop oil concentrate		L	1	% v/v	EPOS	A					
3	AMS		WG	8.5	lb/100 gal	EPOS	A					
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	0	99	96	99
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
4	Crop oil concentrate		L	1	% v/v	EPOS	A					
4	AMS		WG	8.5	lb/100 gal	EPOS	A					
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	98	0	99	99	99
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
5	Crop oil concentrate		L	1	% v/v	EPOS	A					
5	AMS		WG	8.5	lb/100 gal	EPOS	A					
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	0	98	99	99
6	Surfactant		L	0.25	% v/v	EPOS	A					
6	AMS		WG	8.5	lb/100 gal	EPOS	A					
7	Halex GT	4.38	L	4	pt/a	EPOS	A	99	0	99	99	99
7	Surfactant		L	0.25	% v/v	EPOS	A					
7	AMS		WG	8.5	lb/100 gal	EPOS	A					
8	Untreated							0	0	0	0	0
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	0	99	99	99
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
9	Atrazine	90	WG	0.56	lb/a	EPOS	A					
9	Crop oil concentrate		L	1	% v/v	EPOS	A					
9	AMS		WG	8.5	lb/100 gal	EPOS	A					
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	0	99	99	99
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A					
10	Atrazine	90	WG	0.56	lb/a	EPOS	A					
10	Crop oil concentrate		L	1	% v/v	EPOS	A					
10	AMS		WG	8.5	lb/100 gal	EPOS	A					
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	0	99	99	99
11	Atrazine	90	WG	0.56	lb/a	EPOS	A					
11	Surfactant		L	0.25	% v/v	EPOS	A					
11	AMS		WG	8.5	lb/100 gal	EPOS	A					
12	Halex GT	4.38	L	4	pt/a	EPOS	A	99	0	98	99	99
12	Atrazine	90	WG	0.56	lb/a	EPOS	A					
12	Surfactant		L	0.25	% v/v	EPOS	A					
12	AMS		WG	8.5	lb/100 gal	EPOS	A					
LSD (P=.05)								1.3	0.0	2.3	1.6	0.0
CV								1.02	0.0	1.77	1.25	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)

MSU Weed Science Research Program

Weed control and crop tolerance with early POST applications of BAS 67703H

Trial ID: C04-15
Conducted: Campus C-27Study Dir.: Sprague and Powell
Investigator: Christy Sprague

Weed Code								AMBEL	ABUTH	ZEAMX	ZEAMX
Crop Code										moisture	yield
Rating Data Type								control	control	percent	bu/acre
Rating Unit								percent	percent		
Rating Date								Jul/23/2015	Jul/23/2015	Oct/16/2015	Oct/16/2015
Trt-Eval Interval								56 DA-A	56 DA-A	141 DA-A	at 15% M
# Subsamples, Dec.								0	0	1	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	96	96	16.9	251
1	MISO		L	1	% v/v	EPOS	A				
1	AMS		WG	8.5	lb/100 gal	EPOS	A				
2	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	98	99	17.0	250
2	MISO		L	1	% v/v	EPOS	A				
2	AMS		WG	8.5	lb/100 gal	EPOS	A				
3	Capreno	3.45	L	3	fl oz/a	EPOS	A	99	99	16.9	255
3	Crop oil concentrate		L	1	% v/v	EPOS	A				
3	AMS		WG	8.5	lb/100 gal	EPOS	A				
4	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	91	99	16.4	256
4	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
4	Crop oil concentrate		L	1	% v/v	EPOS	A				
4	AMS		WG	8.5	lb/100 gal	EPOS	A				
5	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	98	99	17.6	254
5	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
5	Crop oil concentrate		L	1	% v/v	EPOS	A				
5	AMS		WG	8.5	lb/100 gal	EPOS	A				
6	Halex GT	4.38	L	3.6	pt/a	EPOS	A	94	99	17.0	257
6	Surfactant		L	0.25	% v/v	EPOS	A				
6	AMS		WG	8.5	lb/100 gal	EPOS	A				
7	Halex GT	4.38	L	4	pt/a	EPOS	A	92	99	16.8	251
7	Surfactant		L	0.25	% v/v	EPOS	A				
7	AMS		WG	8.5	lb/100 gal	EPOS	A				
8	Untreated							0	0	17.0	175
9	BAS 67703H	4.75	L	16	fl oz/a	EPOS	A	99	99	17.1	253
9	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
9	Atrazine	90	WG	0.56	lb/a	EPOS	A				
9	Crop oil concentrate		L	1	% v/v	EPOS	A				
9	AMS		WG	8.5	lb/100 gal	EPOS	A				
10	BAS 67703H	4.75	L	20	fl oz/a	EPOS	A	99	99	17.2	259
10	Roundup PowerMax	4.5	SL	16	fl oz/a	EPOS	A				
10	Atrazine	90	WG	0.56	lb/a	EPOS	A				
10	Crop oil concentrate		L	1	% v/v	EPOS	A				
10	AMS		WG	8.5	lb/100 gal	EPOS	A				
11	Halex GT	4.38	L	3.6	pt/a	EPOS	A	99	99	17.4	249
11	Atrazine	90	WG	0.56	lb/a	EPOS	A				
11	Surfactant		L	0.25	% v/v	EPOS	A				
11	AMS		WG	8.5	lb/100 gal	EPOS	A				
12	Halex GT	4.38	L	4	pt/a	EPOS	A	99	99	17.0	251
12	Atrazine	90	WG	0.56	lb/a	EPOS	A				
12	Surfactant		L	0.25	% v/v	EPOS	A				
12	AMS		WG	8.5	lb/100 gal	EPOS	A				
LSD (P=.05)								4.6	1.9	1.25	18.2
CV								3.57	1.46	5.09	5.1

Means followed by same letter do not significantly differ (P=.05, LSD)