



**Moisture and Weather Conditions**

**Overall Moisture Conditions:** Dry

**Closest Weather Station:** Northeast Research Station

**Distance:** 0.25

**Unit:** MI

	Date	Amount	Unit
1.	31/Mar/07	0.25	IN
2.	1/Apr/07	0.01	IN
3.	2/Apr/07	0.01	IN
4.	3/Apr/07	0.09	IN
5.	4/Apr/07	0.19	IN
6.	7/Apr/07	0.14	IN
7.	8/Apr/07	0.1	IN
8.	10/Apr/07	1.01	IN
9.	14/Apr/07	0.39	IN
10.	18/Apr/07	0.11	IN
11.	25/Apr/07	1.37	IN
12.	26/Apr/07	0.41	IN
13.	2/May/07	0.04	IN
14.	3/May/07	1.24	IN
15.	15/May/07	0.02	IN
16.	16/May/07	0.01	IN
17.	17/May/07	0.01	IN
18.	3/Jul/07	0.02	IN
19.	16/Jul/07	0.01	IN
20.	18/Jul/07	0.02	IN
21.	19/Jul/07	0.4	IN
22.	2/Jul/07	0.3	IN
23.	3/Jul/07	0.06	IN
24.	4/Jul/07	1.14	IN
25.	5/Jul/07	0.31	IN
26.	6/Jul/07	0.27	IN
27.	7/Jul/07	1.39	IN
28.	9/Jul/07	0.36	IN
29.	10/Jul/07	0.01	IN
30.	11/Jul/07	0.27	IN
31.	13/Jul/07	0.3	IN
32.	14/Jul/07	1.96	IN
33.	15/Jul/07	2.8	IN
34.	17/Jul/07	1.56	IN
35.	20/Jul/07	0.93	IN
36.	21/Jul/07	0.1	IN
37.	22/Jul/07	0.01	IN
38.	30/Jul/07	2.35	IN

**Application Description**

	A		B		C		D	
Application Date:	3/Apr/07		23/Apr/07		3/May/07		11/May/07	
Application Method:	SPRAY		SPRAY		SPRAY		SPRAY	
Application Timing:	PRE		EPOST		POST		LPOST	
Application Placement:	BROFOL		BROFOL		BROFOL		BROFOL	
Air Temperature, Unit:	82	F	83	F	82	F	79	F
% Relative Humidity:	75		63		68		73	
Wind Velocity, Unit:	6	MPH	8	MPH	8	MPH	3	MPH
Wind Direction:	N		S		SE		SE	
Soil Temperature, Unit:	72	F	74	F	82	F	80	F
Soil Moisture:					DRY		DRY	
% Cloud Cover:					90		80	

**Crop Stage At Each Application**

	A		B		C		D	
Crop 1 Code, BBCH Scale:	ZEAMX	BCOR	ZEAMX	BCOR	ZEAMX	BCOR	ZEAMX	BCOR
Stage Scale Used:	NA		V2		V4		V7	

Stage Majority, Percent:                    2"                    10"                    26"

**Pest Stage At Each Application**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>Pest 1 Code, Disc., Scale:</b>	BRAPP W	BRAPP W	BRAPP W	BRAPP W
<b>Stage Minimum, Percent:</b>	NA	1-2 lf	3-4 lf	1-2 lf 80
<b>Stage Maximum, Percent:</b>				5-6 lf 20
<b>Height, Unit:</b>		1 in	3 in	4 in
<b>Height Minimum, Maximum:</b>				2 6
<b>Pest 2 Code, Disc., Scale:</b>	CASOB W	CASOB W	CASOB W	CASOB W
<b>Stage Minimum, Percent:</b>	NA	NA	cot	1 lf
<b>Height, Unit:</b>			0.5 in	2 in
<b>Pest 3 Code, Disc., Scale:</b>	SORHA W	SORHA W	SORHA W	SORHA W
<b>Stage Minimum, Percent:</b>	NA			
<b>Height, Unit:</b>		6 IN	14 IN	26 IN
<b>Height Minimum, Maximum:</b>		4 8		
<b>Pest 4 Code, Disc., Scale:</b>	LAMAM W	LAMAM W	LAMAM W	LAMAM W
<b>Stage Minimum, Percent:</b>	cot	1-2 lf	NA	NA
<b>Height, Unit:</b>	0.5 in	1 in		
<b>Pest 5 Code, Disc., Scale:</b>	IPOLA W	IPOLA W	IPOLA W	IPOLA W
<b>Stage Minimum, Percent:</b>	NA	cot	1-2 lf	
<b>Height, Unit:</b>		0.5 in	2 in	4 in

**Application Equipment**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Appl. Equipment:</b>	Tractor	Tractor	Tractor
<b>Operating Pressure, Unit:</b>	40 psi	40 psi	40 psi
<b>Nozzle Type:</b>	Greenleaf	Greenleaf	Greenleaf
<b>Nozzle Size:</b>	11002	11002	11002
<b>Nozzle Spacing, Unit:</b>	20 in	20 in	20 in
<b>Nozzles/Row:</b>	2	2	2
<b>Carrier:</b>	Water	Water	Water
	<b>D</b>		
<b>Appl. Equipment:</b>	Tractor		
<b>Operating Pressure, Unit:</b>	40 psi		
<b>Nozzle Type:</b>	Greenleaf		
<b>Nozzle Size:</b>	11002		
<b>Nozzle Spacing, Unit:</b>	20 in		
<b>Nozzles/Row:</b>	2		
<b>Carrier:</b>	Water		

# LSU Northeast Research Station

## Weed control and corn yield with A15189

Trial ID: SJ07C009

Protocol ID: SJ07C009

Location:

Study Director: Syngenta-HMA005A4

Investigator: Bill Williams

Pest Type	
Pest Code	LAMAM LAMAM LAMAM LAMAM BRAPP
Crop Code	
Part Rated	PLTOT PPLTOT PPLTOT P PLTOT P PLTOT P
Rating Date	18/Apr/07 2/May/07 18/May/07 28/May/07 18/Apr/07
Rating Data Type	Control Control Control Control Control
Rating Unit	% % % % %
Trt-Eval Interval	15 DA-A 9 DA-B 7 DA-D 17 DA-D 15 DA-A

Trt No.	Treatment Name	Rate	Unit	Growth Stage	1	2	3	4	5	
1	nontreated				0	b0	c 0	b0	b0	b
2	A15189	4	PT/A	EPOST	0	b90	ab95	a95	a0	b
	Ammonium Sulfate	8.5	LB/100	GALEPOST						
	Induce	0.25	% V/V	EPOST						
3	A15189	4	PT/A	EPOST	0	b93	a 95	a95	a0	b
	AATREX 4L	1	PT/A	EPOST						
	Ammonium Sulfate	8.5	LB/100	GALEPOST						
	Induce	0.25	% V/V	EPOST						
4	Lumax	2	QT/A	PRE	92	a 87	b 95	a95	a95	a
	Touchdown Total	24	OZ/A	LPOST						
	Ammonium Sulfate	8.5	LB/100	GALLPOST						
5	Harness Xtra	1.5	QT/A	PRE	93	a 87	b 95	a95	a95	a
	Roundup Weathermax	22	OZ/A	LPOST						
	Ammonium Sulfate	8.5	LB/100	GALLPOST						
6	Roundup Weathermax	22	OZ/A	POST	0	b0	c 95	a95	a0	b
	Ammonium Sulfate	8.5	LB/100	GALPOST						
7	Roundup Weathermax	22	OZ/A	POST	0	b0	c 95	a95	a0	b
	Ammonium Sulfate	8.5	LB/100	GALPOST						
	Roundup Weathermax	22	OZ/A	LPOST						
	Ammonium Sulfate	8.5	LB/100	GALLPOST						
LSD (P=.10)					2.1	4.6	0.0	0.0	0.0	
Standard Deviation					1.5	3.1	0.0	0.0	0.0	
CV					5.59	6.18	0.0	0.0	0.0	
Grand Mean					26.43	50.95	81.43	81.43	27.14	
Bartlett's X2					0.0	0.984	0.0	0.0	0.0	
P(Bartlett's X2)					.	0.611	.	.	.	
Replicate F					1.636	1.560	0.000	0.000	0.000	
Replicate Prob(F)					0.2353	0.2499	1.0000	1.0000	1.0000	
Treatment F					2800.546	688.480	0.000	0.000	0.000	

Treatment Prob(F)

0.0001

0.0001

1.0000

1.0000

1.0000

# LSU Northeast Research Station

Pest Type					
Pest Code			LAMAM	LAMAM	BRAPP
Crop Code			LAMAM	LAMAM	
Part Rated			PLTOT	P PLTOT	P PLTOT
Rating Date			18/Apr/07	2/May/07	18/May/07
Rating Data Type			Control	Control	Control
Rating Unit			%	%	%
Trt-Eval Interval			15 DA-A	9 DA-B	7 DA-D
Trt Treatment	Rate	Growth			
No. Name	Rate Unit	Stage	1	2	3
				4	5

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		BRAPP	BRAPP	BRAPP	BRAPP
Crop Code					
Part Rated		PLTOT	PPLTOT	P PLTOT	P PLTOT
Rating Date		2/May/07	18/May/07	28/May/07	11/Jun/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		9 DA-B	7 DA-D	17 DA-D	31 DA-D

Trt No.	Treatment Name	Rate	Rate Unit	Growth Stage	6	7	8	9	10
1	nontreated			0		c0	c0	c0	c0
2	A15189	4	PT/A	EPOST90		a90	b90	b90	b90
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
3	A15189	4	PT/A	EPOST93		a93	a92	b92	b92
	AATREX 4L	1	PT/A	EPOST					
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
4	Lumax	2	QT/A	PRE 83		b96	a95	a95	a95
	Touchdown Total	24	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
5	Harness Xtra	1.5	QT/A	PRE 83		b96	a95	a95	a95
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
6	Roundup Weathermax	22	OZ/A	POST 0		c96	a90	b90	b90
	Ammonium Sulfate	8.5	LB/100	GALPOST					
7	Roundup Weathermax	22	OZ/A	POST 0		c96	a95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
LSD (P=.10)					4.8	2.6	1.6	1.6	1.6
Standard Deviation					3.3	1.8	1.1	1.1	1.1
CV					6.55	2.17	1.37	1.37	1.37
Grand Mean					50.0	81.19	79.52	79.52	79.52
Bartlett's X2					0.984	2.426	0.0	0.0	0.0
P(Bartlett's X2)					0.611	0.658	.	.	.
Replicate F					1.000	9.615	1.000	1.000	1.000
Replicate Prob(F)					0.3966	0.0032	0.3966	0.3966	0.3966
Treatment F					616.000	1248.077	3112.000	3112.000	3112.000
Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001	0.0001

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		BRAPP	SORHA	SORHA	SORHA
Crop Code					
Part Rated		PLTOT	P PLTOT	P PLTOT	P PLTOT
Rating Date		13/Aug/07	18/Apr/07	2/May/07	18/May/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		94 DA-D	15 DA-A	29 DA-A	7 DA-D

Trt No.	Treatment Name	Rate	Unit	Growth Stage	11	12	13	14	15
1	nontreated			0	d	0	a	0	b
2	A15189	4	PT/A	EPOST	77	b	0	a	90
	Ammonium Sulfate	8.5	LB/100	GALEPOST				b	93
	Induce	0.25	% V/V	EPOST				a	92
3	A15189	4	PT/A	EPOST	90	a	0	a	93
	AATREX 4L	1	PT/A	EPOST				a	93
	Ammonium Sulfate	8.5	LB/100	GALEPOST				a	92
	Induce	0.25	% V/V	EPOST				a	92
4	Lumax	2	QT/A	PRE	90	a	0	a	0
	Touchdown Total	24	OZ/A	LPOST				c	93
	Ammonium Sulfate	8.5	LB/100	GALLPOST				a	95
5	Harness Xtra	1.5	QT/A	PRE	85	ab	0	a	0
	Roundup Weathermax	22	OZ/A	LPOST				c	93
	Ammonium Sulfate	8.5	LB/100	GALLPOST				a	95
6	Roundup Weathermax	22	OZ/A	POST	33	c	0	a	0
	Ammonium Sulfate	8.5	LB/100	GALPOST				c	93
7	Roundup Weathermax	22	OZ/A	POST	77	b	0	a	0
	Ammonium Sulfate	8.5	LB/100	GALPOST				c	93
	Roundup Weathermax	22	OZ/A	LPOST				a	95
	Ammonium Sulfate	8.5	LB/100	GALLPOST				a	95
LSD (P=.10)					7.0	0.0	1.6	2.9	2.3
Standard Deviation					4.8	0.0	1.1	2.0	1.6
CV					7.44	0.0	4.17	2.46	2.01
Grand Mean					64.52	0.0	26.19	79.71	79.76
Bartlett's X2					0.109	0.0	0.0	0.0	0.0
P(Bartlett's X2)					1.00	.	.	.	.
Replicate F					1.603	0.000	1.000	36.000	0.462
Replicate Prob(F)					0.2415	1.0000	0.3966	0.0001	0.6410
Treatment F					155.293	0.000	5044.001	961.000	1443.539
Treatment Prob(F)					0.0001	1.0000	0.0001	0.0001	0.0001

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		SORHA	SORHA	SORHA	CASOB CASOB
Crop Code					
Part Rated		PLTOT	PPLTOT	PPLTOT	P PPLTOT PPLTOT P
Rating Date		11/Jun/07	9/Jul/07	13/Aug/07	18/Apr/07 2/May/07
Rating Data Type		Control	Control	Control	Control Control
Rating Unit		%	%	%	% %
Trt-Eval Interval		31 DA-D	59 DA-D	132 DA-A	15 DA-A 29 DA-A

Trt No.	Treatment Name	Rate	Unit	Growth Stage	16	17	18	19	20
1	nontreated			0		c0	c0	d0	b0 d
2	A15189	4	PT/A	EPOST90		b83	b53	c0	b90 ab
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
3	A15189	4	PT/A	EPOST90		b80	b63	b0	b93 a
	AATREX 4L	1	PT/A	EPOST					
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
4	Lumax	2	QT/A	PRE 95		a92	a83	a92	a87 b
	Touchdown Total	24	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
5	Harness Xtra	1.5	QT/A	PRE 95		a92	a83	a92	a80 c
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
6	Roundup Weathermax	22	OZ/A	POST 90		b83	b57	c0	b0 d
	Ammonium Sulfate	8.5	LB/100	GALPOST					
7	Roundup Weathermax	22	OZ/A	POST 96		a90	a83	a0	b0 d
	Ammonium Sulfate	8.5	LB/100	GALPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
LSD (P=.10)					1.3	3.8	6.2	2.0	3.7
Standard Deviation					0.9	2.6	4.3	1.4	2.5
CV					1.1	3.5	7.06	5.38	5.04
Grand Mean					79.48	74.29	60.48	26.19	50.0
Bartlett's X2					0.0	1.639	0.0	0.0	0.862
P(Bartlett's X2)					.	0.651	.	.	0.353
Replicate F					1.000	6.353	4.957	2.400	0.563
Replicate Prob(F)					0.3966	0.0131	0.0270	0.1328	0.5841
Treatment F					4866.000	486.647	145.130	3025.000	1041.250
Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001	0.0001

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# LSU Northeast Research Station

Pest Type					
Pest Code		CASOB	CASOB	CASOB	CASOB
Crop Code					
Part Rated		PLTOT P	PLTOT P	PLTOT P	PPLTOT P
Rating Date		18/May/07	28/May/07	11/Jun/07	9/Jul/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		7 DA-D	17 DA-D	31 DA-D	59 DA-D

Trt No.	Treatment Name	Rate	Rate Unit	Growth Stage	21	22	23	24	25
1	nontreated			0		d0	c0	b0	b0
2	A15189	4	PT/A	EPOST90		b90	b95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
3	A15189	4	PT/A	EPOST90		b90	b95	a95	a95
	AATREX 4L	1	PT/A	EPOST					
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
4	Lumax	2	QT/A	PRE 92		b95	a95	a95	a95
	Touchdown Total	24	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
5	Harness Xtra	1.5	QT/A	PRE 83		c95	a95	a95	a95
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
6	Roundup Weathermax	22	OZ/A	POST 96		a90	b95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALPOST					
7	Roundup Weathermax	22	OZ/A	POST 99		a95	a95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
LSD (P=.10)					3.7	0.0	0.0	0.0	0.0
Standard Deviation					2.5	0.0	0.0	0.0	0.0
CV					3.22	0.0	0.0	0.0	0.0
Grand Mean					78.62	79.29	81.43	81.43	81.43
Bartlett's X2					1.794	0.0	0.0	0.0	0.0
P(Bartlett's X2)					0.408	.	.	.	.
Replicate F					1.347	0.000	0.000	0.000	0.000
Replicate Prob(F)					0.2966	1.0000	1.0000	1.0000	1.0000
Treatment F					575.414	0.000	0.000	0.000	0.000
Treatment Prob(F)					0.0001	1.0000	1.0000	1.0000	1.0000

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# LSU Northeast Research Station

Pest Type						
Pest Code			IPOLA	IPOLA	IPOLA	IPOLA
Crop Code						
Part Rated			PLTOT	PPLTOT	PPLTOT	P
Rating Date			18/Apr/07	2/May/07	28/May/07	11/Jun/07
Rating Data Type			Control	Control	Control	Control
Rating Unit			%	%	%	%
Trt-Eval Interval			15 DA-A	29 DA-A	17 DA-D	31 DA-D

Trt No.	Treatment Name	Rate	Rate Unit	Growth Stage	26	27	28	29	30
1	nontreated			0		b0	c0	b0	b0
2	A15189	4	PT/A	EPOST0		b90	a95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
3	A15189	4	PT/A	EPOST0		b93	a95	a95	a95
	AATREX 4L	1	PT/A	EPOST					
	Ammonium Sulfate	8.5	LB/100	GALEPOST					
	Induce	0.25	% V/V	EPOST					
4	Lumax	2	QT/A	PRE 95		a83	b95	a95	a95
	Touchdown Total	24	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
5	Harness Xtra	1.5	QT/A	PRE 95		a83	b95	a95	a95
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
6	Roundup Weathermax	22	OZ/A	POST 0		b0	c95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALPOST					
7	Roundup Weathermax	22	OZ/A	POST 0		b0	c95	a95	a95
	Ammonium Sulfate	8.5	LB/100	GALPOST					
	Roundup Weathermax	22	OZ/A	LPOST					
	Ammonium Sulfate	8.5	LB/100	GALLPOST					
LSD (P=.10)					0.0	4.8	0.0	0.0	0.0
Standard Deviation					0.0	3.3	0.0	0.0	0.0
CV					0.0	6.55	0.0	0.0	0.0
Grand Mean					27.14	50.0	81.43	81.43	81.43
Bartlett's X2					0.0	0.984	0.0	0.0	0.0
P(Bartlett's X2)					.	0.611	.	.	.
Replicate F					0.000	1.000	0.000	0.000	0.000
Replicate Prob(F)					1.0000	0.3966	1.0000	1.0000	1.0000
Treatment F					0.000	616.000	0.000	0.000	0.000
Treatment Prob(F)					1.0000	0.0001	1.0000	1.0000	1.0000

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	IPOLA						
Pest Code	ZEAMX ZEAMX ZEAMX						
Crop Code	PLTOT P GRAIN CGRAIN CGRAIN C						
Part Rated	13/Aug/07 24/Aug/07 24/Aug/07 24/Aug/07						
Rating Date	Control Yield Moisture YIELD						
Rating Data Type	% lb/plt % BU						
Rating Unit	132 DA-A						
Trt-Eval Interval							
Trt Treatment	Rate	Growth					
No.Name	RateUnit	Stage	31	32	33	34	
1 nontreated			0	b4	d 13	c 28	d
2 A15189	4 PT/A	EPOST	95	a21	b 14	bc 155	b
Ammonium Sulfate	8.5 LB/100	GALEPOST					
Induce	0.25 % V/V	EPOST					
3 A15189	4 PT/A	EPOST	95	a22	ab 14	ab 159	b
AATREX 4L	1 PT/A	EPOST					
Ammonium Sulfate	8.5 LB/100	GALEPOST					
Induce	0.25 % V/V	EPOST					
4 Lumax	2 QT/A	PRE	95	a23	a 14	bc 168	a
Touchdown Total	24 OZ/A	LPOST					
Ammonium Sulfate	8.5 LB/100	GALLPOST					
5 Harness Xtra	1.5 QT/A	PRE	95	a21	b 14	bc 154	b
Roundup Weathermax	22 OZ/A	LPOST					
Ammonium Sulfate	8.5 LB/100	GALLPOST					
6 Roundup Weathermax	22 OZ/A	POST	95	a19	c 15	ab 136	c
Ammonium Sulfate	8.5 LB/100	GALPOST					
7 Roundup Weathermax	22 OZ/A	POST	95	a21	ab 15	a 155	b
Ammonium Sulfate	8.5 LB/100	GALPOST					
Roundup Weathermax	22 OZ/A	LPOST					
Ammonium Sulfate	8.5 LB/100	GALLPOST					
LSD (P=.10)			0.0	1.1	0.8	8.4	
Standard Deviation			0.0	0.8	0.5	5.7	
CV			0.0	4.15	3.69	4.21	
Grand Mean			81.43	18.56	14.15	136.44	
Bartlett's X2			0.0	6.352	4.657	5.406	
P(Bartlett's X2)			.	0.385	0.588	0.493	
Replicate F			0.000	2.800	0.305	2.699	
Replicate Prob(F)			1.0000	0.1005	0.7429	0.1077	
Treatment F			0.000	222.027	5.689	215.366	
Treatment Prob(F)			1.0000	0.0001	0.0052	0.0001	

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 34: TY1 = 7.288766\*[32]\*(100-[33])/85