

MSU Weed Science Research Program

Strategies for improving sugarbeet root health - Syngenta II

Trial ID: SB04-14 Study Dir.: Sprague, Powell
 Conducted: Campus T-15 Investigator: Christy Sprague

Date Planted: May/05/2014 **Row Spacing:** 30 IN
Variety: HM-28RR **No. of Reps:** 4
Population: 48,000 seeds/A **% OM:** 3.3
Soil Type: Loam **pH:** 6.4
Plot Size: 10 X 30 FT **Design:** RANDOMIZED COMPLETE BLOCK

Tillage: Fall chisel plow and spring soil finish.

Crop and Weed Description			Scientific Name
Weed	Code	Common Name	Scientific Name
1.	ZEAMX	CORN, VOLUNTEER	ZEAMAYS L.
2.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
3.	AMAPO	AMARANTH, POWELL	AMARANTHUS POWELLII S.WATS.
4.	LAMAM	HENBIT	LAMIUM AMPLEXICAULE L.
5.	ANGR	mainly foxtail species	SETARIA SP.
6.	CAPBP	SHEPHERDSPURSE	CAPSELLA BURSA-PASTORIS (L.)
7.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.) VILL./CYR.
Crop	Code	Common Name	
1.	BEAVA	BEET, SUGAR	

Application Timing:	Application Description				
	A	B	C	D	E
Date Treated:	2-leaf	4-Leaf	6-Leaf	55 DSV	+55 DSV
Time Treated:	May/27/2014	Jun/04/2014	Jun/06/2014	Jul/11/2014	Jul/28/2014
% Cloud Cover:	95	100	30	90	90
Air Temp., Unit:	70 F	58 F	77 F	80 F	66 F
% Relative Humidity:	80	78	38	46	79
Wind Speed/Unit/Dir:	7 mph W	1 mph W	2 mph NE	4 mph	4 mph
Soil Temp., Unit:	63 F	62 F	72 F	75 F	68 F
Soil/Leaf Surface M:	3 5	4 3	5 5	5 5	5 4
Soil Moist (1=w 5=d):	3	4	5	3	4

Crop Name:	Crop Stage at Each Application				
	A	B	C	D	E
Height (In.):	1.5-2"	4"	4-6"	24"	26"
Stage (L):	2	6	6	12-14	14-16

Weed Name:	weed Stage at Each Application				
	A	B	C	D	E
Height (In.):	4	-	6-10"	72"	86"
Stage (L):	V2	-	V4	V10	R4
Height (In.):	1	-	1.5-5.5"	-	-
Stage (L):	4-6	-	8-Many	-	-
Height (In.):	0.5	-	2.5-3.5"	-	-
Stage (L):	2	-	8	-	-
Height (In.):	0.25-0.5	-	2-4" dia.	-	-
Stage (L):	2-4	-	Many	-	-
Height (In.):	1.5	-	3-5"	-	-
Stage (L):	2	-	4	-	-
Height (In.):	-	-	2.5-3" dia	-	-
Stage (L):	-	-	rosette	-	-
Height (In.):	-	-	1"	-	-
Stage (L):	-	-	mat	-	-

Date:	weed Density (plants/sq. ft.)					
	1	2	3	4	5	6
Jul/17/2014	2	<1	4	1	2	2
Weed Name:	ZEAMX	ANGR	CHEAL	AMAPO	STEME	LAMAM

Appl	Sprayer Type	Speed MPH	Nozzle Type	Application Equipment			Boom Width	GPA	Carrier	PSI
				Nozzle Size	Nozzle Height	Nozzle Spacing				
A	Cub	3.8	AIXR	11003	21"	20"	100"	19	Water	30
B	Cub	3.8	AIXR	11003	21"	20"	100"	19	Water	30
C	Cub	3.8	AIXR	11003	25"	20"	100"	19	Water	30
D	Backpack	3.8	AIXR	11003	40"	20"	100"	19	Water	30
E	Backpack	3.8	AIXR	11003	40"	20"	100"	19	Water	30

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Trial ID: SB04-14
 Conducted: Campus T-15

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code			
Crop Code	BETVU	ZEAMX	ANGR
Rating Data Type	injury	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/13/2014	Jun/13/2014	Jun/13/2014
Trt-Eval Interval	7 DA-C	7 DA-C	7 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							0	88	99
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							7	85	99
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							0	0	99
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								0.8	3.8	0.0
CV								30.77	5.45	0.0

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

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Trial ID: SB04-14
 Conducted: Campus T-15

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	CHEAL	AMAPO	ABUTH
Crop Code			
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/13/2014	Jun/13/2014	Jun/13/2014
Trt-Eval Interval	7 DA-C	7 DA-C	7 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	CHEAL	AMAPO	ABUTH
1	Apron + Maxim - Seed 1							99	99	99
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							99	99	99
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							91	99	97
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								2.0	0.0	3.6
CV								1.73	0.0	3.05

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Weed Code	STEME	CAPBP	LAMAM
Crop Code			
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/13/2014	Jun/13/2014	Jun/13/2014
Trt-Eval Interval	7 DA-C	7 DA-C	7 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							99	99	99
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							99	99	99
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							99	99	97
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								0.0	0.0	3.6
CV								0.0	0.0	3.05

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Weed Code			
Crop Code	BETVU	ZEAMX	ANGR
Rating Data Type	injury	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/20/2014	Jun/20/2014	Jun/20/2014
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							1	99	98
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							2	97	99
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							0	0	99
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								3.0	0.8	0.9
CV								234.11	1.02	0.78

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Weed Code	CHEAL	AMAPO	ABUTH
Crop Code			
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/20/2014	Jun/20/2014	Jun/20/2014
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							99	99	99
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							99	99	98
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							87	94	93
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								2.4	4.7	5.7
CV								2.07	3.99	4.91

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Weed Code	STEME	CAPBP	LAMAM
Crop Code			
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	Jun/20/2014	Jun/20/2014	Jun/20/2014
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C
# Subsamples, Dec.			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							99	99	99
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							99	99	99
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							0	0	0
3	Untreated									
4	Apron + Maxim - Seed 1							98	99	96
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								1.6	0.0	5.6
CV								1.35	0.0	4.77

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Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

Subsamples, Dec.

BETVU BETVU BETVU
 cercospora stand count stand count
 0-10 100' row 100' row
 Sep/11/2014 May/19/2014 May/28/2014
 45 DA-E

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code			
1	Apron + Maxim - Seed 1							2.8	213	235
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							1.8	208	235
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							3.5	210	223
3	Untreated									
4	Apron + Maxim - Seed 1							3.5	212	234
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								0.80	24.4	20.3
CV								17.39	7.23	5.46

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Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

Subsamples, Dec.

BETVU stand count 100' row Oct/01/2014
 BETVU yield ton/acre Oct/01/2014 65 DA-E
 BETVU % sugar Oct/01/2014 65 DA-E

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	BETVU stand count	BETVU yield	BETVU % sugar
1	Apron + Maxim - Seed 1							231	35.1	16.3
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
1	AMS		WG	17	lb/100 gal	2-leaf	A			
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C			
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C			
1	Surfactant		L	0.125	% v/v	6-leaf	C			
1	AMS		WG	17	lb/100 gal	6-leaf	C			
1	Eminent	1	L	13	fl oz/a	55 DSV	D			
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E			
2	A+M+C+VE - Seed 2							227	35.8	16.9
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A			
2	AMS		WG	17	lb/100 gal	2-leaf	A			
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B			
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C			
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C			
2	AMS		WG	17	lb/100 gal	6-leaf	C			
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D			
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E			
3	A+M+C+VE - Seed 2							217	6.9	15.1
3	Untreated									
4	Apron + Maxim - Seed 1							236	19.6	16.0
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A			
4	AMS		WG	17	lb/100 gal	2-leaf	A			
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D			
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E			
LSD (P=.05)								20.7	6.65	1.30
CV								5.66	16.77	4.96

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

MSU Weed Science Research Program

Strategies for improving sugarbeet root health - Syngenta II

Trial ID: SB04-14
 Conducted: Campus T-15

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

Subsamples, Dec.

BETVU BETVU
 RWST RWSA
 # / ton # / acre
 Oct/01/2014 Oct/01/2014
 65 DA-E 65 DA-E

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
1	Apron + Maxim - Seed 1							242	8509
1	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A		
1	AMS		WG	17	lb/100 gal	2-leaf	A		
1	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C		
1	Assure II	0.88	L	5	fl oz/a	6-leaf	C		
1	Surfactant		L	0.125	% v/v	6-leaf	C		
1	AMS		WG	17	lb/100 gal	6-leaf	C		
1	Eminent	1	L	13	fl oz/a	55 DSV	D		
1	Eminent	1	L	13	fl oz/a	+55 DSV1	E		
2	A+M+C+VE - Seed 2							253	9041
2	Touchdown Total	4.17	SL	28	fl oz/a	2-leaf	A		
2	AMS		WG	17	lb/100 gal	2-leaf	A		
2	Quadris (7" band)	2.08	SC	10.5	fl oz/a	4-leaf	B		
2	Sequence	5.25	L	3.5	pt/a	6-leaf	C		
2	Fusilade DX	2	L	12	fl oz/a	6-leaf	C		
2	AMS		WG	17	lb/100 gal	6-leaf	C		
2	Inspire XT	4.17	L	7	fl oz/a	55 DSV	D		
2	Inspire XT	4.17	L	7	fl oz/a	+55 DSV1	E		
3	A+M+C+VE - Seed 2							215	1495
3	Untreated								
4	Apron + Maxim - Seed 1							233	4531
4	Roundup PowerMax	4.5	SL	22	fl oz/a	2-leaf	A		
4	AMS		WG	17	lb/100 gal	2-leaf	A		
4	Headline	2.09	L	9.2	fl oz/a	55 DSV	D		
4	Headline	2.09	L	9.2	fl oz/a	+55 DSV1	E		
LSD (P=.05)								26.5	1522.4
CV								6.9	15.84

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