

Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Date Planted: 4/19/07                      Row Spacing: 30 IN  
 Variety: Beta RZ02RR                      No. of Reps: 4  
 Population: 4.25" seed spacing              % OM: 3.1  
 Soil Type: Loam                              pH: 6.4  
 Plot Size: 10 X 30 FT                      Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fall Chisel Plow, Fall Soil Finish On 11/27/06, Spring Soil Finish On 4/19/07  
 Fertilizer: Applied 200# Urea/Acre on 3/16/07, Applied 100# of 19-19-19 w/ planter on 4/19/07

**Crop and Weed Description**

Weed	Code	Common Name	Scientific Name
1.	AMBEL	RAGWEED, COMMON	AMBROSIA ARTEMISIIFOLIA L.
2.	ABUTH	VELVETLEAF	ABUTILON THEOPHRASTI MEDIK.
3.	CHEAL	COMMON LAMBSQUARTERS	CHENOPODIUM ALBUM L.
4.	ANGR	mainly foxtail species	SETARIA SP.
5.	DATST	JIMSONWEED	DATURA STRAMONIUM L.
6.	AMAPO	AMARANTH, POWELL	AMARANTHUS POWELLII S.WATS.
7.	SOLPT	NIGHTSHADE, EASTERN BLACK	SOLANUM PTYCANTHUM DUNAL
Crop	Code	Common Name	
1.	BETVU	SUGARBEET	

**Application Description**

	A	B	C	D	E	F	G
Application Timing:	PPI	Pre	Micro 1	2Lf/Mic 2	6Lf/Mic 3	Micro 4	12 Leaf
Date Treated:	4/9/07	4/9/07	5/4/07	5/14/07	5/23/07	5/31/07	6/9/07
Time Treated:	7:30 pm	7:30 pm	11:30 am	10:30 am	11:45 am	10:00 am	10:15 am
% Cloud Cover:	0	0	10	100	40	30	0
Air Temp., Unit:	57 F	57 F	63 F	62 F	84 F	78 F	72 F
% Relative Humidity:	40	40	42	42	22	35	20
Wind Speed/Unit/Dir:	6 mph N	6 mph N	8 mph E	6 mph SE	7 mph SW	3 mph S	0 mph -
Soil Temp., Unit:	52 F	52 F	57 F	55 F	72 F	71 F	67 F
Soil/Leaf Surface M:	5 5	5 5	5 5	5 5	5 5	5 5	5 5
Soil Moist (1=w 5=d):	4	4	5	5	5	5	5

H  
 Application Timing: Canopy  
 Date Treated: 7/12/07  
 Time Treated: 5:40 pm  
 % Cloud Cover: 70  
 Air Temp., Unit: 79 F  
 % Relative Humidity: 36  
 Wind Speed/Unit/Dir: 0 mph -  
 Soil Temp., Unit: 81 F  
 Soil/Leaf Surface M: 5 5  
 Soil Moist (1=w 5=d): 5

**Crop Stage at Each Application**

	A	B	C	D	E	F	G	H
Crop Name:	BETVU	BETVU	BETVU	BETVU	BETVU	BETVU	BETVU	BETVU
Height (In.):	-	-	1/2-3/4"	3/4"-1.5"	1.75-3"	5-8"	8-11"	15-17"
Stage (L):	-	-	coty	2	6	8-10	12	16

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**Weed Stage at Each Application**

	A	B	C	D	E	F	G	H
<b>Weed 1 Name:</b>	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL
<b>Height (In.):</b>	-	-	1/8-1/4"	3/4-1.25"	-	-	-	8"
<b>Stage (L):</b>	-	-	coty-2	2-4	-	-	-	12
<b>Weed 2 Name:</b>	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	ABUTH
<b>Height (In.):</b>	-	-	1/2"	3/4-1.25"	1/2-3/4"	1/4-3/4"	1"	5-6"
<b>Stage (L):</b>	-	-	coty	coty-1	coty	coty	2	5-7
<b>Weed 3 Name:</b>	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL
<b>Height (In.):</b>	-	-	1/4-1/2"	3/4-1"	3/4"	1/2-3/4"	-	3-8"
<b>Stage (L):</b>	-	-	coty	2-4	2-4	2-4	-	8-many
<b>Weed 4 Name:</b>	ANGR	ANGR	ANGR	ANGR	ANGR	ANGR	ANGR	ANGR
<b>Height (In.):</b>	-	-	-	1.5"	-	-	-	3-8"
<b>Stage (L):</b>	-	-	-	2-3	-	-	-	4-many
<b>Weed 5 Name:</b>	DATST	DATST	DATST	DATST	DATST	DATST	DATST	DATST
<b>Height (In.):</b>	-	-	-	1/4-1/2"	-	-	1.5"	-
<b>Stage (L):</b>	-	-	-	coty	-	-	2	-
<b>Weed 6 Name:</b>	AMAPO	AMAPO	AMAPO	AMAPO	AMAPO	AMAPO	AMAPO	AMAPO
<b>Height (In.):</b>	-	-	-	-	-	-	-	8"
<b>Stage (L):</b>	-	-	-	-	-	-	-	12
<b>Weed 7 Name:</b>	SOLPT	SOLPT	SOLPT	SOLPT	SOLPT	SOLPT	SOLPT	SOLPT
<b>Height (In.):</b>	-	-	-	-	-	-	-	5"
<b>Stage (L):</b>	-	-	-	-	-	-	-	12

**Weed Density (plants/sq. ft.)**

	1	2	3	4	5	6	7
<b>Date:</b>	7/10/07	7/10/07	7/10/07	7/10/07	7/10/07	7/10/07	7/10/07
<b>Weed Name:</b>	CHEAL	ABUTH	ANGR	AMBEL	AMAPO	SOLPT	DATST
<b>Density:</b>	3	2	5	1	1	1	< 1

**Application Equipment**

Appl	Sprayer Type	Speed MPH	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	GPA	Carrier	PSI
A	Cub	3.8	AirMix	11003	22"	20"	100"	19	Water	27
B	Cub	3.8	AirMix	11003	21"	20"	100"	19	Water	27
C	Cub	3.8	AirMix	11003	20"	20"	100"	19	Water	27
D	Cub	3.8	AirMix	11003	20"	20"	100"	19	Water	27
E	Cub	3.8	AirMix	11003	24"	20"	100"	19	Water	27
F	Cub	3.8	AirMix	11003	24"	20"	100"	19	Water	27
G	Cub	3.8	AirMix	11003	27"	20"	100"	19	Water	27
H	Cub	3.8	AirMix	11003	27"	20"	100"	19	Water	27

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Weed Code								ANGR	CHEAL	AMBEL	ABUTH	ANGR		
Crop Code								BETVU				BETVU		
Rating Data Type								injury	control	control	control	control	injury	control
Rating Unit								percent	percent	percent	percent	percent	percent	percent
Rating Date								6/1/07	6/1/07	6/1/07	6/1/07	6/1/07	6/8/07	6/8/07
Trt-Eval Interval								53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A	60 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	1	99	99	99	97	1	92
1	AMS		WG	17	lb/100 gal	2-LF	D							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
1	AMS		WG	17	lb/100 gal	6-LF	E							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
1	AMS		WG	17	lb/100 gal	CANOPY	H							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	98	0	97
2	Activator 90 (NIS)		L	0.25	% v/v	2-LF	D							
2	AMS		WG	17	lb/100 gal	2-LF	D							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
2	Activator 90 (NIS)		L	0.25	% v/v	6-LF	E							
2	AMS		WG	17	lb/100 gal	6-LF	E							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
2	Activator 90 (NIS)		L	0.25	% v/v	CANOPY	H							
2	AMS		WG	17	lb/100 gal	CANOPY	H							
3	MON 79790	4.5	SL	44	fl oz/a	2-LF	D	3	99	99	99	98	0	98
3	AMS		WG	17	lb/100 gal	2-LF	D							
3	MON 79790	4.5	SL	66	fl oz/a	6-LF	E							
3	AMS		WG	17	lb/100 gal	6-LF	E							
3	MON 79790	4.5	SL	44	fl oz/a	12-LF	G							
3	AMS		WG	17	lb/100 gal	12-LF	G							
3	MON 79790	4.5	SL	44	fl oz/a	CANOPY	H							
3	AMS		WG	17	lb/100 gal	CANOPY	H							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	99	0	99
4	Outlook	6	EC	16	fl oz/a	2-LF	D							
4	AMS		WG	17	lb/100 gal	2-LF	D							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
4	AMS		WG	17	lb/100 gal	6-LF	E							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
4	AMS		WG	17	lb/100 gal	CANOPY	H							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	3	99	99	99	97	3	96
5	Stinger	3	SL	4	fl oz/a	2-LF	D							
5	AMS		WG	17	lb/100 gal	2-LF	D							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
5	AMS		WG	17	lb/100 gal	6-LF	E							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
5	AMS		WG	17	lb/100 gal	CANOPY	H							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	98	0	96
6	Select	2	EC	8	fl oz/a	2-LF	D							
6	AMS		WG	17	lb/100 gal	2-LF	D							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
6	AMS		WG	17	lb/100 gal	6-LF	E							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
6	AMS		WG	17	lb/100 gal	CANOPY	H							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	3	99	99	99	99	0	97
7	Upbeet	50	DF	0.5	oz/a	2-LF	D							
7	AMS		WG	17	lb/100 gal	2-LF	D							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
7	AMS		WG	17	lb/100 gal	6-LF	E							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
7	AMS		WG	17	lb/100 gal	CANOPY	H							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	99	0	99
8	AMS		WG	17	lb/100 gal	2-LF	D							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
8	Outlook	6	EC	16	fl oz/a	6-LF	E							
8	AMS		WG	17	lb/100 gal	6-LF	E							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
8	AMS		WG	17	lb/100 gal	CANOPY	H							

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Crop Code								BETVU				BETVU		
Rating Data Type								injury	control	control	control	control	injury	control
Rating Unit								percent	percent	percent	percent	percent	percent	percent
Rating Date								6/1/07	6/1/07	6/1/07	6/1/07	6/1/07	6/8/07	6/8/07
Trt-Eval Interval								53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A	60 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	1	99	99	99	99	1	99
9	AMS		WG	17	lb/100 gal	2-LF	D							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
9	Dual Magnum	7.64	EC	1.33	pt/a	6-LF	E							
9	AMS		WG	17	lb/100 gal	6-LF	E							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
9	AMS		WG	17	lb/100 gal	CANOPY	H							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	98	0	99
10	AMS		WG	17	lb/100 gal	2-LF	D							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
10	Nortron	4	SC	2.25	pt/a	6-LF	E							
10	AMS		WG	17	lb/100 gal	6-LF	E							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
10	AMS		WG	17	lb/100 gal	CANOPY	H							
11	Nortron	4	SC	4	pt/a	PRE	B	1	99	99	99	98	0	99
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D							
11	AMS		WG	17	lb/100 gal	2-LF	D							
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
11	AMS		WG	17	lb/100 gal	6-LF	E							
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
11	AMS		WG	17	lb/100 gal	CANOPY	H							
12	Nortron	4	SC	3	pt/a	PRE	B	0	99	99	99	99	0	99
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D							
12	AMS		WG	17	lb/100 gal	2-LF	D							
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
12	Nortron	4	SC	2	pt/a	6-LF	E							
12	AMS		WG	17	lb/100 gal	6-LF	E							
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
12	AMS		WG	17	lb/100 gal	CANOPY	H							
13	Untreated							0	0	0	0	0	0	0
14	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	11	97	99	99	89	9	97
14	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
14	Stinger	3	L	2	fl oz/a	MICRO 1	C							
14	MSO		L	1.5	% v/v	MICRO 1	C							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
14	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
14	Stinger	3	L	1	fl oz/a	MICRO 2	D							
14	MSO		L	1.5	% v/v	MICRO 2	D							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
14	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
14	Stinger	3	L	1	fl oz/a	MICRO 3	E							
14	MSO		L	1.5	% v/v	MICRO 3	E							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
14	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
14	Stinger	3	L	1	fl oz/a	MICRO 4	F							
14	MSO		L	1.5	% v/v	MICRO 4	F							
15	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	12	97	99	99	93	9	98
15	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
15	Stinger	3	L	2	fl oz/a	MICRO 1	C							
15	Destiny		L	1.5	% v/v	MICRO 1	C							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
15	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
15	Stinger	3	L	1	fl oz/a	MICRO 2	D							
15	Destiny		L	1.5	% v/v	MICRO 2	D							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
15	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
15	Stinger	3	L	1	fl oz/a	MICRO 3	E							
15	Destiny		L	1.5	% v/v	MICRO 3	E							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
15	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
15	Stinger	3	L	1	fl oz/a	MICRO 4	F							
15	Destiny		L	1.5	% v/v	MICRO 4	F							

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Crop Code								BETVU				BETVU		
Rating Data Type								injury	control	control	control	injury	control	
Rating Unit								percent	percent	percent	percent	percent	percent	
Rating Date								6/1/07	6/1/07	6/1/07	6/1/07	6/8/07	6/8/07	
Trt-Eval Interval								53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A	60 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
16	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	9	95	99	99	95	9	94
16	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
16	Stinger	3	L	2	fl oz/a	MICRO 1	C							
16	AG 05006		L	1.5	% v/v	MICRO 1	C							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
16	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
16	Stinger	3	L	1	fl oz/a	MICRO 2	D							
16	AG 05006		L	1.5	% v/v	MICRO 2	D							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
16	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
16	Stinger	3	L	1	fl oz/a	MICRO 3	E							
16	AG 05006		L	1.5	% v/v	MICRO 3	E							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
16	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
16	Stinger	3	L	1	fl oz/a	MICRO 4	F							
16	AG 05006		L	1.5	% v/v	MICRO 4	F							
17	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C		95	99	99	85	24	83
17	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
17	Stinger	3	L	2	fl oz/a	MICRO 1	C							
17	AG 05006		L	1	% v/v	MICRO 1	C							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
17	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
17	Stinger	3	L	1	fl oz/a	MICRO 2	D							
17	AG 05006		L	1	% v/v	MICRO 2	D							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
17	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
17	Stinger	3	L	1	fl oz/a	MICRO 3	E							
17	AG 05006		L	1	% v/v	MICRO 3	E							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
17	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
17	Stinger	3	L	1	fl oz/a	MICRO 4	F							
17	AG 05006		L	1	% v/v	MICRO 4	F							
18	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	12	97	99	99	91	11	93
18	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
18	Stinger	3	L	2	fl oz/a	MICRO 1	C							
18	AG 05006		L	0.75	% v/v	MICRO 1	C							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
18	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
18	Stinger	3	L	1	fl oz/a	MICRO 2	D							
18	AG 05006		L	0.75	% v/v	MICRO 2	D							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
18	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
18	Stinger	3	L	1	fl oz/a	MICRO 3	E							
18	AG 05006		L	0.75	% v/v	MICRO 3	E							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
18	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
18	Stinger	3	L	1	fl oz/a	MICRO 4	F							
18	AG 05006		L	0.75	% v/v	MICRO 4	F							
19	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	15	97	99	99	97	6	95
19	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
19	Stinger	3	L	2	fl oz/a	MICRO 1	C							
19	AG 05055		L	2.5	% v/v	MICRO 1	C							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
19	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
19	Stinger	3	L	1	fl oz/a	MICRO 2	D							
19	AG 05055		L	2.5	% v/v	MICRO 2	D							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
19	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
19	Stinger	3	L	1	fl oz/a	MICRO 3	E							
19	AG 05055		L	2.5	% v/v	MICRO 3	E							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
19	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
19	Stinger	3	L	1	fl oz/a	MICRO 4	F							
19	AG 05055		L	2.5	% v/v	MICRO 4	F							

Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								ANGR	CHEAL	AMBEL	ABUTH	ANGR		
Crop Code								BETVU				BETVU		
Rating Data Type								injury	control	control	control	injury	control	
Rating Unit								percent	percent	percent	percent	percent	percent	
Rating Date								6/1/07	6/1/07	6/1/07	6/1/07	6/8/07	6/8/07	
Tri-Eval Interval								53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A	60 DA-A	
Tri No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
20	Helosate Plus	3	SL	32	fl oz/a	2-LF	D	1	99	99	99	98	3	96
20	Helm-Aide		L	0.5	% v/v	2-LF	D							
20	Helosate Plus	3	SL	32	fl oz/a	6-LF	E							
20	Helm-Aide		L	0.5	% v/v	6-LF	E							
20	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
20	Helm-Aide		L	0.5	% v/v	CANOPY	H							
21	Ro-Neet	6	EC	2	qt/a	PPI	A	0	96	99	99	98	3	92
21	Helosate Plus	3	SL	32	fl oz/a	2-LF	D							
21	Helm-Aide		L	0.5	% v/v	2-LF	D							
21	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
21	Helm-Aide		L	0.5	% v/v	CANOPY	H							
22	Ro-Neet	6	EC	2.6	qt/a	PPI	A	0	99	99	99	98	0	97
22	Helosate Plus	3	SL	32	fl oz/a	2-LF	D							
22	Helm-Aide		L	0.5	% v/v	2-LF	D							
22	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
22	Helm-Aide		L	0.5	% v/v	CANOPY	H							
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	1	99	99	99	98	0	99
23	AMS		WG	17	lb/100 gal	2-LF	D							
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
23	Outlook	6	EC	16	fl oz/a	6-LF	E							
23	AMS		WG	17	lb/100 gal	6-LF	E							
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	0	99	99	99	99	0	99
24	AMS		WG	17	lb/100 gal	2-LF	D							
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
24	Dual Magnum	7.62	EC	1.33	pt/a	6-LF	E							
24	AMS		WG	17	lb/100 gal	6-LF	E							
LSD (P=.05)								3.7	2.9	0.5	0.0	5.6	3.2	4.0
Standard Deviation								2.6	2.1	0.4	0.0	3.9	2.2	2.8
CV								84.02	2.19	0.37	0.0	4.26	69.63	3.04

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								CHEAL	AMAPO	AMBEL	ABUTH	SOLPT	ANGR	AMBEL
Crop Code								control	control	control	control	control	control	control
Rating Data Type								percent	percent	percent	percent	percent	percent	percent
Rating Unit								6/8/07	6/8/07	6/8/07	6/8/07	6/8/07	7/3/07	7/3/07
Rating Date								60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	85 DA-A	85 DA-A
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	97	98	85	95
1	AMS		WG	17	lb/100 gal	2-LF	D							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
1	AMS		WG	17	lb/100 gal	6-LF	E							
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
1	AMS		WG	17	lb/100 gal	CANOPY	H							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	98	99	99	98	99	92	99
2	Activator 90 (NIS)		L	0.25	% v/v	2-LF	D							
2	AMS		WG	17	lb/100 gal	2-LF	D							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
2	Activator 90 (NIS)		L	0.25	% v/v	6-LF	E							
2	AMS		WG	17	lb/100 gal	6-LF	E							
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
2	Activator 90 (NIS)		L	0.25	% v/v	CANOPY	H							
2	AMS		WG	17	lb/100 gal	CANOPY	H							
3	MON 79790	4.5	SL	44	fl oz/a	2-LF	D	99	99	99	98	99	99	99
3	AMS		WG	17	lb/100 gal	2-LF	D							
3	MON 79790	4.5	SL	66	fl oz/a	6-LF	E							
3	AMS		WG	17	lb/100 gal	6-LF	E							
3	MON 79790	4.5	SL	44	fl oz/a	12-LF	G							
3	AMS		WG	17	lb/100 gal	12-LF	G							
3	MON 79790	4.5	SL	44	fl oz/a	CANOPY	H							
3	AMS		WG	17	lb/100 gal	CANOPY	H							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	99	99	99	99
4	Outlook	6	EC	16	fl oz/a	2-LF	D							
4	AMS		WG	17	lb/100 gal	2-LF	D							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
4	AMS		WG	17	lb/100 gal	6-LF	E							
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
4	AMS		WG	17	lb/100 gal	CANOPY	H							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	95	99	83	99
5	Stinger	3	SL	4	fl oz/a	2-LF	D							
5	AMS		WG	17	lb/100 gal	2-LF	D							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
5	AMS		WG	17	lb/100 gal	6-LF	E							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
5	AMS		WG	17	lb/100 gal	CANOPY	H							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	98	99	85	99
6	Select	2	EC	8	fl oz/a	2-LF	D							
6	AMS		WG	17	lb/100 gal	2-LF	D							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
6	AMS		WG	17	lb/100 gal	6-LF	E							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
6	AMS		WG	17	lb/100 gal	CANOPY	H							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	99	99	82	98
7	Upbeet	50	DF	0.5	oz/a	2-LF	D							
7	AMS		WG	17	lb/100 gal	2-LF	D							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
7	AMS		WG	17	lb/100 gal	6-LF	E							
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
7	AMS		WG	17	lb/100 gal	CANOPY	H							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	99	99	99	99
8	AMS		WG	17	lb/100 gal	2-LF	D							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
8	Outlook	6	EC	16	fl oz/a	6-LF	E							
8	AMS		WG	17	lb/100 gal	6-LF	E							
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
8	AMS		WG	17	lb/100 gal	CANOPY	H							

Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								CHEAL	AMAPO	AMBEL	ABUTH	SOLPT	ANGR	AMBEL
Crop Code								control	control	control	control	control	control	control
Rating Data Type								percent	percent	percent	percent	percent	percent	percent
Rating Unit								6/8/07	6/8/07	6/8/07	6/8/07	6/8/07	7/3/07	7/3/07
Rating Date								60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	85 DA-A	85 DA-A
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	99	99	99	99
9	AMS		WG	17	lb/100 gal	2-LF	D							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
9	Dual Magnum	7.64	EC	1.33	pt/a	6-LF	E							
9	AMS		WG	17	lb/100 gal	6-LF	E							
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
9	AMS		WG	17	lb/100 gal	CANOPY	H							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	98	99	99	99
10	AMS		WG	17	lb/100 gal	2-LF	D							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
10	Nortron	4	SC	2.25	pt/a	6-LF	E							
10	AMS		WG	17	lb/100 gal	6-LF	E							
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
10	AMS		WG	17	lb/100 gal	CANOPY	H							
11	Nortron	4	SC	4	pt/a	PRE	B	99	99	99	98	99	99	99
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D							
11	AMS		WG	17	lb/100 gal	2-LF	D							
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
11	AMS		WG	17	lb/100 gal	6-LF	E							
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
11	AMS		WG	17	lb/100 gal	CANOPY	H							
12	Nortron	4	SC	3	pt/a	PRE	B	99	99	99	99	99	99	99
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D							
12	AMS		WG	17	lb/100 gal	2-LF	D							
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
12	Nortron	4	SC	2	pt/a	6-LF	E							
12	AMS		WG	17	lb/100 gal	6-LF	E							
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H							
12	AMS		WG	17	lb/100 gal	CANOPY	H							
13	Untreated							0	0	0	0	0	0	0
14	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	99	99	99	94	99	71	99
14	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
14	Stinger	3	L	2	fl oz/a	MICRO 1	C							
14	MSO		L	1.5	% v/v	MICRO 1	C							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
14	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
14	Stinger	3	L	1	fl oz/a	MICRO 2	D							
14	MSO		L	1.5	% v/v	MICRO 2	D							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
14	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
14	Stinger	3	L	1	fl oz/a	MICRO 3	E							
14	MSO		L	1.5	% v/v	MICRO 3	E							
14	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
14	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
14	Stinger	3	L	1	fl oz/a	MICRO 4	F							
14	MSO		L	1.5	% v/v	MICRO 4	F							
15	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	99	99	99	98	99	79	99
15	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
15	Stinger	3	L	2	fl oz/a	MICRO 1	C							
15	Destiny		L	1.5	% v/v	MICRO 1	C							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
15	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
15	Stinger	3	L	1	fl oz/a	MICRO 2	D							
15	Destiny		L	1.5	% v/v	MICRO 2	D							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
15	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
15	Stinger	3	L	1	fl oz/a	MICRO 3	E							
15	Destiny		L	1.5	% v/v	MICRO 3	E							
15	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
15	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
15	Stinger	3	L	1	fl oz/a	MICRO 4	F							
15	Destiny		L	1.5	% v/v	MICRO 4	F							



## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code	CHEAL	AMAPO	AMBEL	ABUTH	SOLPT	ANGR	AMBEL
Crop Code							
Rating Data Type	control	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Rating Date	6/8/07	6/8/07	6/8/07	6/8/07	6/8/07	7/3/07	7/3/07
Trt-Eval Interval	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	85 DA-A	85 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	CHEAL	AMAPO	AMBEL	ABUTH	SOLPT	ANGR	AMBEL
16	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	99	98	99	98	99	76	99
16	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
16	Stinger	3	L	2	fl oz/a	MICRO 1	C							
16	AG 05006		L	1.5	% v/v	MICRO 1	C							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
16	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
16	Stinger	3	L	1	fl oz/a	MICRO 2	D							
16	AG 05006		L	1.5	% v/v	MICRO 2	D							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
16	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
16	Stinger	3	L	1	fl oz/a	MICRO 3	E							
16	AG 05006		L	1.5	% v/v	MICRO 3	E							
16	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
16	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
16	Stinger	3	L	1	fl oz/a	MICRO 4	F							
16	AG 05006		L	1.5	% v/v	MICRO 4	F							
17	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	96	93	99	69	99	54	96
17	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
17	Stinger	3	L	2	fl oz/a	MICRO 1	C							
17	AG 05006		L	1	% v/v	MICRO 1	C							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
17	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
17	Stinger	3	L	1	fl oz/a	MICRO 2	D							
17	AG 05006		L	1	% v/v	MICRO 2	D							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
17	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
17	Stinger	3	L	1	fl oz/a	MICRO 3	E							
17	AG 05006		L	1	% v/v	MICRO 3	E							
17	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
17	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
17	Stinger	3	L	1	fl oz/a	MICRO 4	F							
17	AG 05006		L	1	% v/v	MICRO 4	F							
18	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	96	96	99	93	99	71	99
18	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
18	Stinger	3	L	2	fl oz/a	MICRO 1	C							
18	AG 05006		L	0.75	% v/v	MICRO 1	C							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
18	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
18	Stinger	3	L	1	fl oz/a	MICRO 2	D							
18	AG 05006		L	0.75	% v/v	MICRO 2	D							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
18	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
18	Stinger	3	L	1	fl oz/a	MICRO 3	E							
18	AG 05006		L	0.75	% v/v	MICRO 3	E							
18	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
18	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
18	Stinger	3	L	1	fl oz/a	MICRO 4	F							
18	AG 05006		L	0.75	% v/v	MICRO 4	F							
19	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	98	97	99	97	99	75	99
19	Upbeet	50	DF	0.125	oz/a	MICRO 1	C							
19	Stinger	3	L	2	fl oz/a	MICRO 1	C							
19	AG 05055		L	2.5	% v/v	MICRO 1	C							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D							
19	Upbeet	50	DF	0.125	oz/a	MICRO 2	D							
19	Stinger	3	L	1	fl oz/a	MICRO 2	D							
19	AG 05055		L	2.5	% v/v	MICRO 2	D							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E							
19	Upbeet	50	DF	0.125	oz/a	MICRO 3	E							
19	Stinger	3	L	1	fl oz/a	MICRO 3	E							
19	AG 05055		L	2.5	% v/v	MICRO 3	E							
19	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F							
19	Upbeet	50	DF	0.125	oz/a	MICRO 4	F							
19	Stinger	3	L	1	fl oz/a	MICRO 4	F							
19	AG 05055		L	2.5	% v/v	MICRO 4	F							

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								CHEAL	AMAPO	AMBEL	ABUTH	SOLPT	ANGR	AMBEL
Crop Code														
Rating Data Type								control	control	control	control	control	control	control
Rating Unit								percent	percent	percent	percent	percent	percent	percent
Rating Date								6/8/07	6/8/07	6/8/07	6/8/07	6/8/07	7/3/07	7/3/07
Tri-Eval Interval								60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	85 DA-A	85 DA-A
Tri No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
20	Helosate Plus	3	SL	32	fl oz/a	2-LF	D	99	99	99	98	99	88	99
20	Helm-Aide		L	0.5	% v/v	2-LF	D							
20	Helosate Plus	3	SL	32	fl oz/a	6-LF	E							
20	Helm-Aide		L	0.5	% v/v	6-LF	E							
20	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
20	Helm-Aide		L	0.5	% v/v	CANOPY	H							
21	Ro-Neet	6	EC	2	qt/a	PPI	A	99	94	99	98	88	90	91
21	Helosate Plus	3	SL	32	fl oz/a	2-LF	D							
21	Helm-Aide		L	0.5	% v/v	2-LF	D							
21	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
21	Helm-Aide		L	0.5	% v/v	CANOPY	H							
22	Ro-Neet	6	EC	2.6	qt/a	PPI	A	98	95	99	96	93	94	99
22	Helosate Plus	3	SL	32	fl oz/a	2-LF	D							
22	Helm-Aide		L	0.5	% v/v	2-LF	D							
22	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H							
22	Helm-Aide		L	0.5	% v/v	CANOPY	H							
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	99	99	99	99
23	AMS		WG	17	lb/100 gal	2-LF	D							
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
23	Outlook	6	EC	16	fl oz/a	6-LF	E							
23	AMS		WG	17	lb/100 gal	6-LF	E							
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	99	99	99	99
24	AMS		WG	17	lb/100 gal	2-LF	D							
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E							
24	Dual Magnum	7.62	EC	1.33	pt/a	6-LF	E							
24	AMS		WG	17	lb/100 gal	6-LF	E							
LSD (P=.05)								2.0	3.8	0.4	5.3	3.2	8.6	4.0
Standard Deviation								1.4	2.7	0.3	3.8	2.3	6.1	2.8
CV								1.48	2.89	0.32	4.08	2.41	7.27	3.01

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								AMARE	ABUTH	CHEAL	BETVU	BETVU	BETVU
Crop Code								control	control	control	count	% sugar	yield
Rating Data Type								percent	percent	percent	#/100'		ton/acre
Rating Unit								7/3/07	7/3/07	7/3/07	10/30/07	10/30/07	10/30/07
Rating Date								85 DA-A	85 DA-A	85 DA-A	204 DA-A	204 DA-A	204 DA-A
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code						
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	83	95	94	222	14.5	28.5
1	AMS		WG	17	lb/100 gal	2-LF	D						
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
1	AMS		WG	17	lb/100 gal	6-LF	E						
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
1	AMS		WG	17	lb/100 gal	CANOPY	H						
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	95	97	96	237	15.0	30.1
2	Activator 90 (NIS)		L	0.25	% v/v	2-LF	D						
2	AMS		WG	17	lb/100 gal	2-LF	D						
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
2	Activator 90 (NIS)		L	0.25	% v/v	6-LF	E						
2	AMS		WG	17	lb/100 gal	6-LF	E						
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
2	Activator 90 (NIS)		L	0.25	% v/v	CANOPY	H						
2	AMS		WG	17	lb/100 gal	CANOPY	H						
3	MON 79790	4.5	SL	44	fl oz/a	2-LF	D	99	99	99	232	15.3	30.3
3	AMS		WG	17	lb/100 gal	2-LF	D						
3	MON 79790	4.5	SL	66	fl oz/a	6-LF	E						
3	AMS		WG	17	lb/100 gal	6-LF	E						
3	MON 79790	4.5	SL	44	fl oz/a	12-LF	G						
3	AMS		WG	17	lb/100 gal	12-LF	G						
3	MON 79790	4.5	SL	44	fl oz/a	CANOPY	H						
3	AMS		WG	17	lb/100 gal	CANOPY	H						
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	250	14.7	29.9
4	Outlook	6	EC	16	fl oz/a	2-LF	D						
4	AMS		WG	17	lb/100 gal	2-LF	D						
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
4	AMS		WG	17	lb/100 gal	6-LF	E						
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
4	AMS		WG	17	lb/100 gal	CANOPY	H						
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	88	98	97	204	14.5	28.5
5	Stinger	3	SL	4	fl oz/a	2-LF	D						
5	AMS		WG	17	lb/100 gal	2-LF	D						
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
5	AMS		WG	17	lb/100 gal	6-LF	E						
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
5	AMS		WG	17	lb/100 gal	CANOPY	H						
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	94	98	94	221	14.8	29.9
6	Select	2	EC	8	fl oz/a	2-LF	D						
6	AMS		WG	17	lb/100 gal	2-LF	D						
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
6	AMS		WG	17	lb/100 gal	6-LF	E						
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
6	AMS		WG	17	lb/100 gal	CANOPY	H						
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	95	98	97	230	15.1	28.3
7	Upbeet	50	DF	0.5	oz/a	2-LF	D						
7	AMS		WG	17	lb/100 gal	2-LF	D						
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
7	AMS		WG	17	lb/100 gal	6-LF	E						
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
7	AMS		WG	17	lb/100 gal	CANOPY	H						
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	244	14.6	31.0
8	AMS		WG	17	lb/100 gal	2-LF	D						
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
8	Outlook	6	EC	16	fl oz/a	6-LF	E						
8	AMS		WG	17	lb/100 gal	6-LF	E						
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
8	AMS		WG	17	lb/100 gal	CANOPY	H						

Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								AMARE	ABUTH	CHEAL	BETVU	BETVU	BETVU
Crop Code								control	control	control	count	% sugar	yield
Rating Data Type								percent	percent	percent	#/100'		ton/acre
Rating Unit								7/3/07	7/3/07	7/3/07	10/30/07	10/30/07	10/30/07
Trt-Eval Interval								85 DA-A	85 DA-A	85 DA-A	204 DA-A	204 DA-A	204 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code						
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	97	98	98	199	14.7	26.7
9	AMS		WG	17	lb/100 gal	2-LF	D						
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
9	Dual Magnum	7.64	EC	1.33	pt/a	6-LF	E						
9	AMS		WG	17	lb/100 gal	6-LF	E						
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
9	AMS		WG	17	lb/100 gal	CANOPY	H						
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	95	98	211	15.0	28.8
10	AMS		WG	17	lb/100 gal	2-LF	D						
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
10	Nortron	4	SC	2.25	pt/a	6-LF	E						
10	AMS		WG	17	lb/100 gal	6-LF	E						
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
10	AMS		WG	17	lb/100 gal	CANOPY	H						
11	Nortron	4	SC	4	pt/a	PRE	B	95	98	98	196	15.1	27.9
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D						
11	AMS		WG	17	lb/100 gal	2-LF	D						
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
11	AMS		WG	17	lb/100 gal	6-LF	E						
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
11	AMS		WG	17	lb/100 gal	CANOPY	H						
12	Nortron	4	SC	3	pt/a	PRE	B	99	99	99	221	14.7	31.3
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D						
12	AMS		WG	17	lb/100 gal	2-LF	D						
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
12	Nortron	4	SC	2	pt/a	6-LF	E						
12	AMS		WG	17	lb/100 gal	6-LF	E						
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H						
12	AMS		WG	17	lb/100 gal	CANOPY	H						
13	Untreated							0	0	0	212	15.2	12.8
14	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	88	82	83	231	15.2	28.2
14	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
14	Stinger	3	L	2	fl oz/a	MICRO 1	C						
14	MSO		L	1.5	% v/v	MICRO 1	C						
14	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
14	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
14	Stinger	3	L	1	fl oz/a	MICRO 2	D						
14	MSO		L	1.5	% v/v	MICRO 2	D						
14	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
14	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
14	Stinger	3	L	1	fl oz/a	MICRO 3	E						
14	MSO		L	1.5	% v/v	MICRO 3	E						
14	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
14	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
14	Stinger	3	L	1	fl oz/a	MICRO 4	F						
14	MSO		L	1.5	% v/v	MICRO 4	F						
15	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	94	84	87	223	15.3	25.5
15	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
15	Stinger	3	L	2	fl oz/a	MICRO 1	C						
15	Destiny		L	1.5	% v/v	MICRO 1	C						
15	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
15	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
15	Stinger	3	L	1	fl oz/a	MICRO 2	D						
15	Destiny		L	1.5	% v/v	MICRO 2	D						
15	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
15	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
15	Stinger	3	L	1	fl oz/a	MICRO 3	E						
15	Destiny		L	1.5	% v/v	MICRO 3	E						
15	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
15	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
15	Stinger	3	L	1	fl oz/a	MICRO 4	F						
15	Destiny		L	1.5	% v/v	MICRO 4	F						

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								AMARE	ABUTH	CHEAL	BETVU	BETVU	BETVU
Crop Code								control	control	control	count	% sugar	yield
Rating Data Type								percent	percent	percent	#/100'		ton/acre
Rating Unit								7/3/07	7/3/07	7/3/07	10/30/07	10/30/07	10/30/07
Rating Date								85 DA-A	85 DA-A	85 DA-A	204 DA-A	204 DA-A	204 DA-A
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code						
16	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	94	94	90	250	14.7	26.7
16	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
16	Stinger	3	L	2	fl oz/a	MICRO 1	C						
16	AG 05006		L	1.5	% v/v	MICRO 1	C						
16	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
16	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
16	Stinger	3	L	1	fl oz/a	MICRO 2	D						
16	AG 05006		L	1.5	% v/v	MICRO 2	D						
16	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
16	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
16	Stinger	3	L	1	fl oz/a	MICRO 3	E						
16	AG 05006		L	1.5	% v/v	MICRO 3	E						
16	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
16	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
16	Stinger	3	L	1	fl oz/a	MICRO 4	F						
16	AG 05006		L	1.5	% v/v	MICRO 4	F						
17	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	83	48	86	167	15.0	21.8
17	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
17	Stinger	3	L	2	fl oz/a	MICRO 1	C						
17	AG 05006		L	1	% v/v	MICRO 1	C						
17	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
17	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
17	Stinger	3	L	1	fl oz/a	MICRO 2	D						
17	AG 05006		L	1	% v/v	MICRO 2	D						
17	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
17	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
17	Stinger	3	L	1	fl oz/a	MICRO 3	E						
17	AG 05006		L	1	% v/v	MICRO 3	E						
17	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
17	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
17	Stinger	3	L	1	fl oz/a	MICRO 4	F						
17	AG 05006		L	1	% v/v	MICRO 4	F						
18	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	84	77	83	232	14.6	26.2
18	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
18	Stinger	3	L	2	fl oz/a	MICRO 1	C						
18	AG 05006		L	0.75	% v/v	MICRO 1	C						
18	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
18	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
18	Stinger	3	L	1	fl oz/a	MICRO 2	D						
18	AG 05006		L	0.75	% v/v	MICRO 2	D						
18	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
18	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
18	Stinger	3	L	1	fl oz/a	MICRO 3	E						
18	AG 05006		L	0.75	% v/v	MICRO 3	E						
18	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
18	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
18	Stinger	3	L	1	fl oz/a	MICRO 4	F						
18	AG 05006		L	0.75	% v/v	MICRO 4	F						
19	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	87	86	84	231	15.3	26.3
19	Upbeet	50	DF	0.125	oz/a	MICRO 1	C						
19	Stinger	3	L	2	fl oz/a	MICRO 1	C						
19	AG 05055		L	2.5	% v/v	MICRO 1	C						
19	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D						
19	Upbeet	50	DF	0.125	oz/a	MICRO 2	D						
19	Stinger	3	L	1	fl oz/a	MICRO 2	D						
19	AG 05055		L	2.5	% v/v	MICRO 2	D						
19	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E						
19	Upbeet	50	DF	0.125	oz/a	MICRO 3	E						
19	Stinger	3	L	1	fl oz/a	MICRO 3	E						
19	AG 05055		L	2.5	% v/v	MICRO 3	E						
19	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F						
19	Upbeet	50	DF	0.125	oz/a	MICRO 4	F						
19	Stinger	3	L	1	fl oz/a	MICRO 4	F						
19	AG 05055		L	2.5	% v/v	MICRO 4	F						

Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								AMARE	ABUTH	CHEAL	BETVU	BETVU	BETVU
Crop Code											count	% sugar	yield
Rating Data Type								control	control	control	#/100'		ton/acre
Rating Unit								percent	percent	percent			
Rating Date								7/3/07	7/3/07	7/3/07	10/30/07	10/30/07	10/30/07
Trt-Eval Interval								85 DA-A	85 DA-A	85 DA-A	204 DA-A	204 DA-A	204 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code						
20	Helosate Plus	3	SL	32	fl oz/a	2-LF	D	99	96	97	247	14.8	30.3
20	Helm-Aide		L	0.5	% v/v	2-LF	D						
20	Helosate Plus	3	SL	32	fl oz/a	6-LF	E						
20	Helm-Aide		L	0.5	% v/v	6-LF	E						
20	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H						
20	Helm-Aide		L	0.5	% v/v	CANOPY	H						
21	Ro-Neet	6	EC	2	qt/a	PPI	A	87	95	97	219	14.7	27.5
21	Helosate Plus	3	SL	32	fl oz/a	2-LF	D						
21	Helm-Aide		L	0.5	% v/v	2-LF	D						
21	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H						
21	Helm-Aide		L	0.5	% v/v	CANOPY	H						
22	Ro-Neet	6	EC	2.6	qt/a	PPI	A	94	99	96	223	15.6	27.8
22	Helosate Plus	3	SL	32	fl oz/a	2-LF	D						
22	Helm-Aide		L	0.5	% v/v	2-LF	D						
22	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H						
22	Helm-Aide		L	0.5	% v/v	CANOPY	H						
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	98	99	258	15.1	27.2
23	AMS		WG	17	lb/100 gal	2-LF	D						
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
23	Outlook	6	EC	16	fl oz/a	6-LF	E						
23	AMS		WG	17	lb/100 gal	6-LF	E						
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	99	99	99	260	14.9	28.5
24	AMS		WG	17	lb/100 gal	2-LF	D						
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E						
24	Dual Magnum	7.62	EC	1.33	pt/a	6-LF	E						
24	AMS		WG	17	lb/100 gal	6-LF	E						
LSD (P=.05)								8.5	7.7	5.8	44.0	0.82	4.67
Standard Deviation								6.0	5.4	4.1	31.1	0.58	3.30
CV								6.69	6.12	4.54	13.76	3.87	12.02

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code								BETVU	BETVU
Crop Code								RWST	RWSA
Rating Data Type								# / ton	# / acre
Rating Unit								10/30/07	10/30/07
Rating Date								204 DA-A	204 DA-A
Trt-Eval Interval									

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	206	6021
1	AMS		WG	17	lb/100 gal	2-LF	D		
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
1	AMS		WG	17	lb/100 gal	6-LF	E		
1	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
1	AMS		WG	17	lb/100 gal	CANOPY	H		
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	214	6488
2	Activator 90 (NIS)		L	0.25	% v/v	2-LF	D		
2	AMS		WG	17	lb/100 gal	2-LF	D		
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
2	Activator 90 (NIS)		L	0.25	% v/v	6-LF	E		
2	AMS		WG	17	lb/100 gal	6-LF	E		
2	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
2	Activator 90 (NIS)		L	0.25	% v/v	CANOPY	H		
2	AMS		WG	17	lb/100 gal	CANOPY	H		
3	MON 79790	4.5	SL	44	fl oz/a	2-LF	D	217	6655
3	AMS		WG	17	lb/100 gal	2-LF	D		
3	MON 79790	4.5	SL	66	fl oz/a	6-LF	E		
3	AMS		WG	17	lb/100 gal	6-LF	E		
3	MON 79790	4.5	SL	44	fl oz/a	12-LF	G		
3	AMS		WG	17	lb/100 gal	12-LF	G		
3	MON 79790	4.5	SL	44	fl oz/a	CANOPY	H		
3	AMS		WG	17	lb/100 gal	CANOPY	H		
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	208	6229
4	Outlook	6	EC	16	fl oz/a	2-LF	D		
4	AMS		WG	17	lb/100 gal	2-LF	D		
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
4	AMS		WG	17	lb/100 gal	6-LF	E		
4	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
4	AMS		WG	17	lb/100 gal	CANOPY	H		
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	205	5890
5	Stinger	3	SL	4	fl oz/a	2-LF	D		
5	AMS		WG	17	lb/100 gal	2-LF	D		
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
5	AMS		WG	17	lb/100 gal	6-LF	E		
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
5	AMS		WG	17	lb/100 gal	CANOPY	H		
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	212	6419
6	Select	2	EC	8	fl oz/a	2-LF	D		
6	AMS		WG	17	lb/100 gal	2-LF	D		
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
6	AMS		WG	17	lb/100 gal	6-LF	E		
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
6	AMS		WG	17	lb/100 gal	CANOPY	H		
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	215	6058
7	Upbeet	50	DF	0.5	oz/a	2-LF	D		
7	AMS		WG	17	lb/100 gal	2-LF	D		
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
7	AMS		WG	17	lb/100 gal	6-LF	E		
7	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
7	AMS		WG	17	lb/100 gal	CANOPY	H		
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	209	6484
8	AMS		WG	17	lb/100 gal	2-LF	D		
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
8	Outlook	6	EC	16	fl oz/a	6-LF	E		
8	AMS		WG	17	lb/100 gal	6-LF	E		
8	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
8	AMS		WG	17	lb/100 gal	CANOPY	H		

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code		
Crop Code		
Rating Data Type	BETVU	BETVU
Rating Unit	RWST	RWSA
Rating Date	# / ton	# / acre
Trt-Eval Interval	10/30/07	10/30/07
	204 DA-A	204 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	206	5564
9	AMS		WG	17	lb/100 gal	2-LF	D		
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
9	Dual Magnum	7.64	EC	1.33	pt/a	6-LF	E		
9	AMS		WG	17	lb/100 gal	6-LF	E		
9	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
9	AMS		WG	17	lb/100 gal	CANOPY	H		
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	213	6154
10	AMS		WG	17	lb/100 gal	2-LF	D		
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
10	Nortron	4	SC	2.25	pt/a	6-LF	E		
10	AMS		WG	17	lb/100 gal	6-LF	E		
10	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
10	AMS		WG	17	lb/100 gal	CANOPY	H		
11	Nortron	4	SC	4	pt/a	PRE	B	217	6036
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D		
11	AMS		WG	17	lb/100 gal	2-LF	D		
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
11	AMS		WG	17	lb/100 gal	6-LF	E		
11	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
11	AMS		WG	17	lb/100 gal	CANOPY	H		
12	Nortron	4	SC	3	pt/a	PRE	B	211	6619
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D		
12	AMS		WG	17	lb/100 gal	2-LF	D		
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
12	Nortron	4	SC	2	pt/a	6-LF	E		
12	AMS		WG	17	lb/100 gal	6-LF	E		
12	Roundup OriginalMax	4.5	SL	22	fl oz/a	CANOPY	H		
12	AMS		WG	17	lb/100 gal	CANOPY	H		
13	Untreated							220	2804
14	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	220	6231
14	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
14	Stinger	3	L	2	fl oz/a	MICRO 1	C		
14	MSO		L	1.5	% v/v	MICRO 1	C		
14	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
14	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
14	Stinger	3	L	1	fl oz/a	MICRO 2	D		
14	MSO		L	1.5	% v/v	MICRO 2	D		
14	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
14	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
14	Stinger	3	L	1	fl oz/a	MICRO 3	E		
14	MSO		L	1.5	% v/v	MICRO 3	E		
14	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
14	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
14	Stinger	3	L	1	fl oz/a	MICRO 4	F		
14	MSO		L	1.5	% v/v	MICRO 4	F		
15	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	221	5680
15	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
15	Stinger	3	L	2	fl oz/a	MICRO 1	C		
15	Destiny		L	1.5	% v/v	MICRO 1	C		
15	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
15	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
15	Stinger	3	L	1	fl oz/a	MICRO 2	D		
15	Destiny		L	1.5	% v/v	MICRO 2	D		
15	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
15	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
15	Stinger	3	L	1	fl oz/a	MICRO 3	E		
15	Destiny		L	1.5	% v/v	MICRO 3	E		
15	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
15	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
15	Stinger	3	L	1	fl oz/a	MICRO 4	F		
15	Destiny		L	1.5	% v/v	MICRO 4	F		



## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code									
Crop Code									
Rating Data Type						BETVU	BETVU		
Rating Unit						RWST	RWSA		
Rating Date						# / ton	# / acre		
Trt-Eval Interval						10/30/07	10/30/07		
						204 DA-A	204 DA-A		

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
16	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	213	5676
16	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
16	Stinger	3	L	2	fl oz/a	MICRO 1	C		
16	AG 05006		L	1.5	% v/v	MICRO 1	C		
16	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
16	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
16	Stinger	3	L	1	fl oz/a	MICRO 2	D		
16	AG 05006		L	1.5	% v/v	MICRO 2	D		
16	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
16	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
16	Stinger	3	L	1	fl oz/a	MICRO 3	E		
16	AG 05006		L	1.5	% v/v	MICRO 3	E		
16	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
16	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
16	Stinger	3	L	1	fl oz/a	MICRO 4	F		
16	AG 05006		L	1.5	% v/v	MICRO 4	F		
17	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	215	4673
17	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
17	Stinger	3	L	2	fl oz/a	MICRO 1	C		
17	AG 05006		L	1	% v/v	MICRO 1	C		
17	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
17	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
17	Stinger	3	L	1	fl oz/a	MICRO 2	D		
17	AG 05006		L	1	% v/v	MICRO 2	D		
17	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
17	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
17	Stinger	3	L	1	fl oz/a	MICRO 3	E		
17	AG 05006		L	1	% v/v	MICRO 3	E		
17	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
17	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
17	Stinger	3	L	1	fl oz/a	MICRO 4	F		
17	AG 05006		L	1	% v/v	MICRO 4	F		
18	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	209	5516
18	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
18	Stinger	3	L	2	fl oz/a	MICRO 1	C		
18	AG 05006		L	0.75	% v/v	MICRO 1	C		
18	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
18	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
18	Stinger	3	L	1	fl oz/a	MICRO 2	D		
18	AG 05006		L	0.75	% v/v	MICRO 2	D		
18	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
18	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
18	Stinger	3	L	1	fl oz/a	MICRO 3	E		
18	AG 05006		L	0.75	% v/v	MICRO 3	E		
18	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
18	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
18	Stinger	3	L	1	fl oz/a	MICRO 4	F		
18	AG 05006		L	0.75	% v/v	MICRO 4	F		
19	Betamix	1.3	EC	12	fl oz/a	MICRO 1	C	220	5815
19	Upbeet	50	DF	0.125	oz/a	MICRO 1	C		
19	Stinger	3	L	2	fl oz/a	MICRO 1	C		
19	AG 05055		L	2.5	% v/v	MICRO 1	C		
19	Betamix	1.3	EC	8	fl oz/a	MICRO 2	D		
19	Upbeet	50	DF	0.125	oz/a	MICRO 2	D		
19	Stinger	3	L	1	fl oz/a	MICRO 2	D		
19	AG 05055		L	2.5	% v/v	MICRO 2	D		
19	Betamix	1.3	EC	8	fl oz/a	MICRO 3	E		
19	Upbeet	50	DF	0.125	oz/a	MICRO 3	E		
19	Stinger	3	L	1	fl oz/a	MICRO 3	E		
19	AG 05055		L	2.5	% v/v	MICRO 3	E		
19	Betamix	1.3	EC	8	fl oz/a	MICRO 4	F		
19	Upbeet	50	DF	0.125	oz/a	MICRO 4	F		
19	Stinger	3	L	1	fl oz/a	MICRO 4	F		
19	AG 05055		L	2.5	% v/v	MICRO 4	F		

## Timings and Tank-mixes in Roundup Ready Sugarbeets

Trial ID: SB10-07  
 Conducted: Campus T-15

Study Dir.: Christy Sprague  
 Investigator: Christy Sprague

Weed Code	BETVU	BETVU
Crop Code	RWST	RWSA
Rating Data Type	# / ton	# / acre
Rating Unit	10/30/07	10/30/07
Rating Date	204 DA-A	204 DA-A
Trt-Eval Interval		

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
20	Helosate Plus	3	SL	32	fl oz/a	2-LF	D	210	6381
20	Helm-Aide		L	0.5	% v/v	2-LF	D		
20	Helosate Plus	3	SL	32	fl oz/a	6-LF	E		
20	Helm-Aide		L	0.5	% v/v	6-LF	E		
20	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H		
20	Helm-Aide		L	0.5	% v/v	CANOPY	H		
21	Ro-Neet	6	EC	2	qt/a	PPI	A	210	5753
21	Helosate Plus	3	SL	32	fl oz/a	2-LF	D		
21	Helm-Aide		L	0.5	% v/v	2-LF	D		
21	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H		
21	Helm-Aide		L	0.5	% v/v	CANOPY	H		
22	Ro-Neet	6	EC	2.6	qt/a	PPI	A	224	6255
22	Helosate Plus	3	SL	32	fl oz/a	2-LF	D		
22	Helm-Aide		L	0.5	% v/v	2-LF	D		
22	Helosate Plus	3	SL	32	fl oz/a	CANOPY	H		
22	Helm-Aide		L	0.5	% v/v	CANOPY	H		
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	218	5900
23	AMS		WG	17	lb/100 gal	2-LF	D		
23	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
23	Outlook	6	EC	16	fl oz/a	6-LF	E		
23	AMS		WG	17	lb/100 gal	6-LF	E		
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	2-LF	D	214	6111
24	AMS		WG	17	lb/100 gal	2-LF	D		
24	Roundup OriginalMax	4.5	SL	22	fl oz/a	6-LF	E		
24	Dual Magnum	7.62	EC	1.33	pt/a	6-LF	E		
24	AMS		WG	17	lb/100 gal	6-LF	E		
LSD (P=.05)								15.4	1014.1
Standard Deviation								10.9	717.1
CV								5.11	12.17