

Control of Volunteer Roundup Ready Corn in Roundup Ready Sugar Beets

Trial ID: SB10-08
 Conducted: H6-H8 Campus

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Date Planted: 4/29/08
 Variety: Hillshog 9027 RR
 Population: 4 3/8" seed spacing
 Soil Type: Sandy Loam
 Plot Size: 10 X 30 FT

Row Spacing: 30 IN
 No. of Reps: 4
 % OM: 2.5
 pH: 6.9
 Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fall chisel plow
 Fall soil finish
 Spring soil finish x2 on 4/29/08
 Fertilizer: 200lbs/Acre Urea (92#N) broadcast on 3/16/08
 100#/A (19-19-19) applied with planter on 4/29/08

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	ABUTH	VELVETLEAF	ABUTILON THEOPHRASTI MEDIK.
2.	ZEAMX	CORN, VOLUNTEER	ZEA MAYS L.
3.	AMBEL	RAGWEED, COMMON	AMBROSIA ARTEMISIFOLIA L.
4.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
5.	AMASS	REDROOT PIGWEED, POWELL AMARANTH	AMARANTHUS SP.
Crop	Code	Common Name	
1.	BETVU	BETT, SUGAR	

Application Description

	A	B	C	D
Application Timing:	Micro1	Micro2	Micro3	Micro4, 4"
Date Treated:	5/13/08	5/28/08	6/5/08	6/12/08
Time Treated:	12:00 PM	3:00 PM	10:30 AM	9:45 AM
% Cloud Cover:	0	0	100	80
Air Temp., Unit:	63 F	67 F	75 F	75 F
% Relative Humidity:	55	28	81	84
Wind Speed/Unit/Dir:	8 mph SE	5 mph NE	3 mph S	3 mph E
Soil Temp., Unit:	54 F	66 F	66 F	70 F
Soil/Leaf Surface M:	3 5	5 5	3 5	3 5
Soil Moist (1=w 5=d):	3	5	3	3

Crop Stage at Each Application

	A	B	C	D
Crop Name:	BETVU	BETVU	BETVU	BETVU
Height (In.):	.25	1-1.5	2-4	6-7
Stage (L):	coty 2	4-6	6-8	

Weed Stage at Each Application

	A	B	C	D
Weed 1 Name:	ABUTH	ABUTH	ABUTH	ABUTH
Height (In.):	.25	.25-.75	.75-14	2-6
Stage (L):	coty 2-3	coty-1	3-5	
Weed 2 Name:	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Height (In.):	1	3-4	2-4	10-15
Stage (L):	coty V2	V2	V3-V4	
Weed 3 Name:	AMBEL	AMBEL	AMBEL	AMBEL
Height (In.):	.25	--	--	--
Stage (L):	coty --	--	--	--
Weed 4 Name:	CHEAL	CHEAL	CHEAL	CHEAL
Height (In.):	--	.25-.75	.5-.75	2-7
Stage (L):	--	coty-4	2-6	6-many
Weed 5 Name:	AMASS	AMASS	AMASS	AMASS
Height (In.):	--	.25-.5	.25-.5	2-6
Stage (L):	--	coty-2	2	4-many

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Weed Density (plants/sq. ft.)

	1	2	3	4	5	6
Date:	7/25/08	7/25/08	7/25/08	7/25/08	7/25/08	7/25/08
Weed Name:	ZEAMX	POROL	ANGR	SOLPT	ABUTH	AMAPO
Density:	1.75	0.375	0.875	0.125	0.125	0.125

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	28
B	Cub	3.8	AirMix	11003	22	20	100	19	water	28
C	Cub	3.8	AirMix	11003	22	20	100	19	water	28
D	Cub	3.8	AirMix	11003	27	20	100	19	water	28

Comments: Spread Volunteer Corn- Pioneer 38B84 with broadcast seeder before spring soil finishing - 4/29/08

Previous Crop: Soybean

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Weed Code								ZEAMX		ZEAMX	
Crop Code								BEAVU		BEAVU	
Rating Data Type								Injury		Injury	
Rating Unit								Percent		Percent	
Rating Date								6/19/08		6/26/08	
Trt-Eval Interval								7 DA-D		14 DA-D	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	6	0	20	0
1	Class Act NG		L	2.5	% v/v	4" weeds	D				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
1	Class Act NG		L	2.5	% v/v	+4" wds	E				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	9	84	7	92
2	Select	2	EC	4	fl oz/a	4" weeds	D				
2	Class Act NG		L	2.5	% v/v	4" weeds	D				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
2	Select	2	EC	4	fl oz/a	+4" wds	E				
2	Class Act NG		L	2.5	% v/v	+4" wds	E				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	3	90	5	93
3	Select	2	EC	4	fl oz/a	4" weeds	D				
3	Superb HC		L	0.5	% v/v	4" weeds	D				
3	Class Act NG		L	2.5	% v/v	4" weeds	D				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
3	Select	2	EC	4	fl oz/a	+4" wds	E				
3	Superb HC		L	0.5	% v/v	+4" wds	E				
3	Class Act NG		L	2.5	% v/v	+4" wds	E				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	9	90	10	95
4	Select	2	EC	4	fl oz/a	4" weeds	D				
4	Destiny HC		L	0.5	% v/v	4" weeds	D				
4	Class Act NG		L	2.5	% v/v	4" weeds	D				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
4	Select	2	EC	4	fl oz/a	+4" wds	E				
4	Destiny HC		L	0.5	% v/v	+4" wds	E				
4	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	11	91	10	97
5	Select	2	EC	4	fl oz/a	4" weeds	D				
5	Destiny HC		L	0.5	% v/v	4" weeds	D				
5	Class Act NG		L	2.5	% v/v	4" weeds	D				
5	Interlock		L	4	fl oz/a	4" weeds	D				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
5	Select	2	EC	4	fl oz/a	+4" wds	E				
5	Destiny HC		L	0.5	% v/v	+4" wds	E				
5	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Interlock		L	4	fl oz/a	+4" wds	E				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	10	89	9	94
6	SelectMax	0.97	EC	6	fl oz/a	4" weeds	D				
6	Class Act NG		L	2.5	% v/v	4" weeds	D				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
6	SelectMax	0.97	EC	6	fl oz/a	+4" wds	E				
6	Class Act NG		L	2.5	% v/v	+4" wds	E				

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Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	BEAVU Injury Percent	ZEAMX Control Percent	BEAVU Injury Percent	ZEAMX Control Percent
						6/19/08	6/19/08	6/26/08	6/26/08
						7 DA-D	7 DA-D	14 DA-D	14 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	14	99	7	99
7	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
7	Stinger	3	L	1	fl oz/a	MICRO 1	A				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
7	Destiny		L	1.5	% v/v	MICRO 1	A				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
7	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
7	Stinger	3	L	1	fl oz/a	MICRO 2	B				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
7	Destiny		L	1.5	% v/v	MICRO 2	B				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
7	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
7	Stinger	3	L	1	fl oz/a	MICRO 3	C				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
7	Destiny		L	1.5	% v/v	MICRO 3	C				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
7	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
7	Stinger	3	L	1	fl oz/a	MICRO 4	D				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
7	Destiny		L	1.5	% v/v	MICRO 4	D				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	10	99	5	99
8	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
8	Stinger	3	L	1	fl oz/a	MICRO 1	A				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
8	Destiny HC		L	1	% v/v	MICRO 1	A				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
8	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
8	Stinger	3	L	1	fl oz/a	MICRO 2	B				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
8	Destiny HC		L	1	% v/v	MICRO 2	B				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
8	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
8	Stinger	3	L	1	fl oz/a	MICRO 3	C				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
8	Destiny HC		L	1	% v/v	MICRO 3	C				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
8	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
8	Stinger	3	L	1	fl oz/a	MICRO 4	D				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
8	Destiny HC		L	1	% v/v	MICRO 4	D				

LSD (P=.10)	7.4	4.7	4.8	1.5
Standard Deviation	6.1	3.9	4.0	1.3
CV	66.56	4.84	43.04	1.5

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Weed Code	ANGR	CHEAL	AMAPO	ABUTH
Crop Code				
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Date	6/26/08	6/26/08	6/26/08	6/26/08
Trt-Eval Interval	14 DA-D	14 DA-D	14 DA-D	14 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	98	99	99	98
1	Class Act NG		L	2.5	% v/v	4" weeds	D				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
1	Class Act NG		L	2.5	% v/v	+4" wds	E				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	99	99	99	99
2	Select	2	EC	4	fl oz/a	4" weeds	D				
2	Class Act NG		L	2.5	% v/v	4" weeds	D				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
2	Select	2	EC	4	fl oz/a	+4" wds	E				
2	Class Act NG		L	2.5	% v/v	+4" wds	E				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	99	99	98	98
3	Select	2	EC	4	fl oz/a	4" weeds	D				
3	Superb HC		L	0.5	% v/v	4" weeds	D				
3	Class Act NG		L	2.5	% v/v	4" weeds	D				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
3	Select	2	EC	4	fl oz/a	+4" wds	E				
3	Superb HC		L	0.5	% v/v	+4" wds	E				
3	Class Act NG		L	2.5	% v/v	+4" wds	E				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	99	99	99	99
4	Select	2	EC	4	fl oz/a	4" weeds	D				
4	Destiny HC		L	0.5	% v/v	4" weeds	D				
4	Class Act NG		L	2.5	% v/v	4" weeds	D				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
4	Select	2	EC	4	fl oz/a	+4" wds	E				
4	Destiny HC		L	0.5	% v/v	+4" wds	E				
4	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	99	99	99	99
5	Select	2	EC	4	fl oz/a	4" weeds	D				
5	Destiny HC		L	0.5	% v/v	4" weeds	D				
5	Class Act NG		L	2.5	% v/v	4" weeds	D				
5	Interlock		L	4	fl oz/a	4" weeds	D				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
5	Select	2	EC	4	fl oz/a	+4" wds	E				
5	Destiny HC		L	0.5	% v/v	+4" wds	E				
5	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Interlock		L	4	fl oz/a	+4" wds	E				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	99	99	99	99
6	SelectMax	0.97	EC	6	fl oz/a	4" weeds	D				
6	Class Act NG		L	2.5	% v/v	4" weeds	D				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
6	SelectMax	0.97	EC	6	fl oz/a	+4" wds	E				
6	Class Act NG		L	2.5	% v/v	+4" wds	E				

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Weed Code		ANGR	CHEAL	AMAPO	ABUTH
Crop Code					
Rating Data Type		Control	Control	Control	Control
Rating Unit		Percent	Percent	Percent	Percent
Rating Date		6/26/08	6/26/08	6/26/08	6/26/08
Trt-Eval Interval		14 DA-D	14 DA-D	14 DA-D	14 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	99	88	91	92
7	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
7	Stinger	3	L	1	fl oz/a	MICRO 1	A				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
7	Destiny		L	1.5	% v/v	MICRO 1	A				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
7	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
7	Stinger	3	L	1	fl oz/a	MICRO 2	B				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
7	Destiny		L	1.5	% v/v	MICRO 2	B				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
7	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
7	Stinger	3	L	1	fl oz/a	MICRO 3	C				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
7	Destiny		L	1.5	% v/v	MICRO 3	C				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
7	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
7	Stinger	3	L	1	fl oz/a	MICRO 4	D				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
7	Destiny		L	1.5	% v/v	MICRO 4	D				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	99	84	83	87
8	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
8	Stinger	3	L	1	fl oz/a	MICRO 1	A				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
8	Destiny HC		L	1	% v/v	MICRO 1	A				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
8	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
8	Stinger	3	L	1	fl oz/a	MICRO 2	B				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
8	Destiny HC		L	1	% v/v	MICRO 2	B				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
8	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
8	Stinger	3	L	1	fl oz/a	MICRO 3	C				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
8	Destiny HC		L	1	% v/v	MICRO 3	C				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
8	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
8	Stinger	3	L	1	fl oz/a	MICRO 4	D				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
8	Destiny HC		L	1	% v/v	MICRO 4	D				
LSD (P=.10)								0.9	3.3	5.7	4.1
Standard Deviation								0.7	2.7	4.7	3.3
CV								0.72	2.82	4.86	3.47

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Weed Code									ZEAMX	ANGR	CHEAL
Crop Code									BEAVA		
Rating Data Type									Injury	Control	Control
Rating Unit									Percent	Percent	Percent
Rating Date									7/11/08	7/11/08	7/11/08
Trt-Eval Interval									29 DA-D	29 DA-D	29 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	8	24	97	99
1	Class Act NG		L	2.5	% v/v	4" weeds	D				
1	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
1	Class Act NG		L	2.5	% v/v	+4" wds	E				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	5	97	98	99
2	Select	2	EC	4	fl oz/a	4" weeds	D				
2	Class Act NG		L	2.5	% v/v	4" weeds	D				
2	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
2	Select	2	EC	4	fl oz/a	+4" wds	E				
2	Class Act NG		L	2.5	% v/v	+4" wds	E				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	2	99	99	99
3	Select	2	EC	4	fl oz/a	4" weeds	D				
3	Superb HC		L	0.5	% v/v	4" weeds	D				
3	Class Act NG		L	2.5	% v/v	4" weeds	D				
3	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
3	Select	2	EC	4	fl oz/a	+4" wds	E				
3	Superb HC		L	0.5	% v/v	+4" wds	E				
3	Class Act NG		L	2.5	% v/v	+4" wds	E				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	3	98	98	99
4	Select	2	EC	4	fl oz/a	4" weeds	D				
4	Destiny HC		L	0.5	% v/v	4" weeds	D				
4	Class Act NG		L	2.5	% v/v	4" weeds	D				
4	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
4	Select	2	EC	4	fl oz/a	+4" wds	E				
4	Destiny HC		L	0.5	% v/v	+4" wds	E				
4	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	3	99	99	99
5	Select	2	EC	4	fl oz/a	4" weeds	D				
5	Destiny HC		L	0.5	% v/v	4" weeds	D				
5	Class Act NG		L	2.5	% v/v	4" weeds	D				
5	Interlock		L	4	fl oz/a	4" weeds	D				
5	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
5	Select	2	EC	4	fl oz/a	+4" wds	E				
5	Destiny HC		L	0.5	% v/v	+4" wds	E				
5	Class Act NG		L	2.5	% v/v	+4" wds	E				
5	Interlock		L	4	fl oz/a	+4" wds	E				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	4	98	99	99
6	SelectMax	0.97	EC	6	fl oz/a	4" weeds	D				
6	Class Act NG		L	2.5	% v/v	4" weeds	D				
6	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E				
6	SelectMax	0.97	EC	6	fl oz/a	+4" wds	E				
6	Class Act NG		L	2.5	% v/v	+4" wds	E				

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Trial ID: SB10-08
 Conducted: H6-H8 Campus

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code		ZEAMX	ANGR	CHEAL
Crop Code		BEAVA		
Rating Data Type		Injury	Control	Control
Rating Unit		Percent	Percent	Percent
Rating Date		7/11/08	7/11/08	7/11/08
Trt-Eval Interval		29 DA-D	29 DA-D	29 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	0	99	93	79
7	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
7	Stinger	3	L	1	fl oz/a	MICRO 1	A				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
7	Destiny		L	1.5	% v/v	MICRO 1	A				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
7	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
7	Stinger	3	L	1	fl oz/a	MICRO 2	B				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
7	Destiny		L	1.5	% v/v	MICRO 2	B				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
7	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
7	Stinger	3	L	1	fl oz/a	MICRO 3	C				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
7	Destiny		L	1.5	% v/v	MICRO 3	C				
7	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
7	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
7	Stinger	3	L	1	fl oz/a	MICRO 4	D				
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
7	Destiny		L	1.5	% v/v	MICRO 4	D				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	5	74	97	75
8	Upbeet	50	DF	0.125	oz/a	MICRO 1	A				
8	Stinger	3	L	1	fl oz/a	MICRO 1	A				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A				
8	Destiny HC		L	1	% v/v	MICRO 1	A				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B				
8	Upbeet	50	DF	0.125	oz/a	MICRO 2	B				
8	Stinger	3	L	1	fl oz/a	MICRO 2	B				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B				
8	Destiny HC		L	1	% v/v	MICRO 2	B				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C				
8	Upbeet	50	DF	0.125	oz/a	MICRO 3	C				
8	Stinger	3	L	1	fl oz/a	MICRO 3	C				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C				
8	Destiny HC		L	1	% v/v	MICRO 3	C				
8	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D				
8	Upbeet	50	DF	0.125	oz/a	MICRO 4	D				
8	Stinger	3	L	1	fl oz/a	MICRO 4	D				
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D				
8	Destiny HC		L	1	% v/v	MICRO 4	D				

LSD (P=.10)	5.5	32.6	3.7	8.2
Standard Deviation	4.5	26.7	3.0	6.7
CV	122.48	31.06	3.09	7.21

MSU Weed Science Research Program

Control of Volunteer Roundup Ready Corn in Roundup Ready Sugar Beets

Trial ID: SB10-08
 Conducted: H6-H8 Campus

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	AMAPO	ABUTH
Crop Code		
Rating Data Type	Control	Control
Rating Unit	Percent	Percent
Rating Date	7/11/08	7/11/08
Trt-Eval Interval	29 DA-D	29 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
1	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	96	99
1	Class Act NG		L	2.5	% v/v	4" weeds	D		
1	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
1	Class Act NG		L	2.5	% v/v	+4" wds	E		
2	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	98	99
2	Select	2	EC	4	fl oz/a	4" weeds	D		
2	Class Act NG		L	2.5	% v/v	4" weeds	D		
2	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
2	Select	2	EC	4	fl oz/a	+4" wds	E		
2	Class Act NG		L	2.5	% v/v	+4" wds	E		
3	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	97	98
3	Select	2	EC	4	fl oz/a	4" weeds	D		
3	Superb HC		L	0.5	% v/v	4" weeds	D		
3	Class Act NG		L	2.5	% v/v	4" weeds	D		
3	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
3	Select	2	EC	4	fl oz/a	+4" wds	E		
3	Superb HC		L	0.5	% v/v	+4" wds	E		
3	Class Act NG		L	2.5	% v/v	+4" wds	E		
4	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	97	99
4	Select	2	EC	4	fl oz/a	4" weeds	D		
4	Destiny HC		L	0.5	% v/v	4" weeds	D		
4	Class Act NG		L	2.5	% v/v	4" weeds	D		
4	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
4	Select	2	EC	4	fl oz/a	+4" wds	E		
4	Destiny HC		L	0.5	% v/v	+4" wds	E		
4	Class Act NG		L	2.5	% v/v	+4" wds	E		
5	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	98	99
5	Select	2	EC	4	fl oz/a	4" weeds	D		
5	Destiny HC		L	0.5	% v/v	4" weeds	D		
5	Class Act NG		L	2.5	% v/v	4" weeds	D		
5	Interlock		L	4	fl oz/a	4" weeds	D		
5	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
5	Select	2	EC	4	fl oz/a	+4" wds	E		
5	Destiny HC		L	0.5	% v/v	+4" wds	E		
5	Class Act NG		L	2.5	% v/v	+4" wds	E		
5	Interlock		L	4	fl oz/a	+4" wds	E		
6	Roundup PowerMax	4.5	SL	22	fl oz/a	4" weeds	D	97	99
6	SelectMax	0.97	EC	6	fl oz/a	4" weeds	D		
6	Class Act NG		L	2.5	% v/v	4" weeds	D		
6	Roundup PowerMax	4.5	SL	22	fl oz/a	+4" wds	E		
6	SelectMax	0.97	EC	6	fl oz/a	+4" wds	E		
6	Class Act NG		L	2.5	% v/v	+4" wds	E		

MSU Weed Science Research Program

Control of Volunteer Roundup Ready Corn in Roundup Ready Sugar Beets

Trial ID: SB10-08
 Conducted: H6-H8 Campus

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	AMAPO	ABUTH
Crop Code		
Rating Data Type	Control	Control
Rating Unit	Percent	Percent
Rating Date	7/11/08	7/11/08
Trt-Eval Interval	29 DA-D	29 DA-D

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		
7	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	84	85
7	Upbeet	50	DF	0.125	oz/a	MICRO 1	A		
7	Stinger	3	L	1	fl oz/a	MICRO 1	A		
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A		
7	Destiny		L	1.5	% v/v	MICRO 1	A		
7	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B		
7	Upbeet	50	DF	0.125	oz/a	MICRO 2	B		
7	Stinger	3	L	1	fl oz/a	MICRO 2	B		
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B		
7	Destiny		L	1.5	% v/v	MICRO 2	B		
7	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C		
7	Upbeet	50	DF	0.125	oz/a	MICRO 3	C		
7	Stinger	3	L	1	fl oz/a	MICRO 3	C		
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C		
7	Destiny		L	1.5	% v/v	MICRO 3	C		
7	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D		
7	Upbeet	50	DF	0.125	oz/a	MICRO 4	D		
7	Stinger	3	L	1	fl oz/a	MICRO 4	D		
7	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D		
7	Destiny		L	1.5	% v/v	MICRO 4	D		
8	Betamix	1.3	EC	8	fl oz/a	MICRO 1	A	72	79
8	Upbeet	50	DF	0.125	oz/a	MICRO 1	A		
8	Stinger	3	L	1	fl oz/a	MICRO 1	A		
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 1	A		
8	Destiny HC		L	1	% v/v	MICRO 1	A		
8	Betamix	1.3	EC	8	fl oz/a	MICRO 2	B		
8	Upbeet	50	DF	0.125	oz/a	MICRO 2	B		
8	Stinger	3	L	1	fl oz/a	MICRO 2	B		
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 2	B		
8	Destiny HC		L	1	% v/v	MICRO 2	B		
8	Betamix	1.3	EC	8	fl oz/a	MICRO 3	C		
8	Upbeet	50	DF	0.125	oz/a	MICRO 3	C		
8	Stinger	3	L	1	fl oz/a	MICRO 3	C		
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 3	C		
8	Destiny HC		L	1	% v/v	MICRO 3	C		
8	Betamix	1.3	EC	8	fl oz/a	MICRO 4	D		
8	Upbeet	50	DF	0.125	oz/a	MICRO 4	D		
8	Stinger	3	L	1	fl oz/a	MICRO 4	D		
8	SelectMax	0.97	EC	3	fl oz/a	MICRO 4	D		
8	Destiny HC		L	1	% v/v	MICRO 4	D		
LSD (P=.10)								10.8	7.5
Standard Deviation								8.9	6.1
CV								9.62	6.49