

MSU Weed Science Research Program

Sugarbeet tolerance to Rinskor

Trial ID: SB03-23 Study Dir.: Christy Sprague
 Conducted: SVREC Investigator: Sprague, Stiles

Planting Date: Apr-26-2023 **Row Spacing:** 30 IN
Variety: Crystal G049 **No. of Reps:** 4
Population: 4.375 " spacing **% OM:** 2.1
Soil Type: SCL sandy clay loam **pH:** 8.0
Plot Size: 10 X 30 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall high speed disk (Joker); spring soil finish. 125 lb/A of actual N was applied as urea prior to planting.
Fertilizer:

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1			
Crop	Code	Common Name	
1	BEAVP	sugarbeet	

Application Description

	A	B
Application Timing:	2 leaf	4-6 leaf
Date Treated:	May-22-2023	May-31-2023
Time Treated:	10:00 PM	9:00 AM
% Cloud Cover:	100	10
Air Temp., Unit:	67 F	81 F
% Relative Humidity:	57	54
Wind Speed/Unit/Dir:	2 MPH E	7 MPH S
Soil Temp, Unit:	70 F	76 F
Leaf Moist/Dew Presence (Y/N):	N	N
Soil Moist:	5	5

Crop Stage at Each Application

	A	B
Crop 1 Name:	BEAVP	BEAVP
Height:	2 "	2-4 " (4)
Stage:	2 leaf	4 leaf

Weed Stage at Each Application

	A	B
Weed 1 Name:		
Height:		
Stage:		

Application Equipment

Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	CUB	3.8 MPH	AIXR	11003	20.0 "	20.0 "	100.0 "	19 GPA	WATER	30 PSI
B	CUB	3.8 MPH	AIXR	11003	24.0 "	20.0 "	100.0 "	19 GPA	WATER	30 PSI

Comments: Roundup PowerMax 3 at 30 fl oz/A + AMS was applied on June 7 and June 28 to keep the trial weed-free. Sugarbeet injury symptoms consisted of leaf petiole elongation and twisting, and fused leaves and leaf petioles.

Michigan State University

Sugarbeet tolerance to Rinskor

Trial ID: SB03-23

Protocol ID: SB03-23 Location: SVREC Trial Year: 2023

Study Director: Christy Sprague Sponsor Contact:

Investigator: Sprague, Stiles

Rating Date	May-25-2023	May-29-2023	Jun-3-2023	Jun-7-2023	Jun-15-2023	Jun-21-2023
Rating Type	injury	injury	injury	injury	injury	injury
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Crop Type, Code	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU
Trt-Eval Interval	3 DA-A	7 DA-A	3 DA-B	7 DA-B	15 DA-B	21 DA-B
Number of Decimals	0	0	0	0	0	0
Trt Treatment	Rate	Appl	Appl			
No. Name	Rate Unit	Code	Timing			
1 Untreated				0	0	0
2 Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A	coty-2 leaf	2	2	13
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			13
3 Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A	coty-2 leaf	4	3	18
Destiny HC	1.5 pt/a	A	coty-2 leaf			18
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			18
Destiny HC	1.5 pt/a	B	4-6 leaf			18
4 Florpyrauxifen (F7B-71-1)	2.06 fl oz/a	A	coty-2 leaf	5	7	18
Destiny HC	1.5 pt/a	A	coty-2 leaf			18
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			20
Destiny HC	1.5 pt/a	B	4-6 leaf			20
5 Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	A	coty-2 leaf	4	7	14
Destiny HC	1.5 pt/a	A	coty-2 leaf			15
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			14
Destiny HC	1.5 pt/a	B	4-6 leaf			14
6 Florpyrauxifen (F7B-71-1)	5.5 fl oz/a	A	coty-2 leaf	4	11	21
Destiny HC	1.5 pt/a	A	coty-2 leaf			21
Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	B	4-6 leaf			25
Destiny HC	1.5 pt/a	B	4-6 leaf			25
7 Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A	coty-2 leaf	7	17	24
Ethofumesate	6 fl oz/a	A	coty-2 leaf			20
Dual Magnum	1 pt/a	A	coty-2 leaf			18
Roundup PowerMax 3	25 fl oz/a	A	coty-2 leaf			18
Destiny HC	1.5 pt/a	A	coty-2 leaf			14
AMSOL	2.5 % v/v	A	coty-2 leaf			14
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			14
Ethofumesate	6 fl oz/a	B	4-6 leaf			14
Dual Magnum	1 pt/a	B	4-6 leaf			14
Roundup PowerMax 3	25 fl oz/a	B	4-6 leaf			14
Destiny HC	1.5 pt/a	B	4-6 leaf			14
AMSOL	2.5 % v/v	B	4-6 leaf			14
8 Florpyrauxifen (F7B-71-1)	2.06 fl oz/a	A	coty-2 leaf	11	21	24
Ethofumesate	6 fl oz/a	A	coty-2 leaf			23
Dual Magnum	1 pt/a	A	coty-2 leaf			19
Roundup PowerMax 3	25 fl oz/a	A	coty-2 leaf			19
Destiny HC	1.5 pt/a	A	coty-2 leaf			18
AMSOL	2.5 % v/v	A	coty-2 leaf			18
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			18
Ethofumesate	6 fl oz/a	B	4-6 leaf			18
Dual Magnum	1 pt/a	B	4-6 leaf			18
Roundup PowerMax 3	25 fl oz/a	B	4-6 leaf			18
Destiny HC	1.5 pt/a	B	4-6 leaf			18
AMSOL	2.5 % v/v	B	4-6 leaf			18
9 Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	A	coty-2 leaf	15	25	24
Ethofumesate	6 fl oz/a	A	coty-2 leaf			23
Dual Magnum	1 pt/a	A	coty-2 leaf			15
Roundup PowerMax 3	25 fl oz/a	A	coty-2 leaf			15
Destiny HC	1.5 pt/a	A	coty-2 leaf			15
AMSOL	2.5 % v/v	A	coty-2 leaf			15
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf			15
Ethofumesate	6 fl oz/a	B	4-6 leaf			15
Dual Magnum	1 pt/a	B	4-6 leaf			15
Roundup PowerMax 3	25 fl oz/a	B	4-6 leaf			15
Destiny HC	1.5 pt/a	B	4-6 leaf			15
AMSOL	2.5 % v/v	B	4-6 leaf			15

Missing data estimates are included in columns: Average=10,11,12,13,14

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Protocol ID: SB03-23 Location: SVREC Trial Year: 2023

Study Director: Christy Sprague Sponsor Contact:

Investigator: Sprague, Stiles

Rating Date	May-25-2023	May-29-2023	Jun-3-2023	Jun-7-2023	Jun-15-2023	Jun-21-2023			
Rating Type	injury	injury	injury	injury	injury	injury			
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100			
Crop Type, Code	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU			
Trt-Eval Interval	3 DA-A	7 DA-A	3 DA-B	7 DA-B	15 DA-B	21 DA-B			
Number of Decimals	0	0	0	0	0	0			
Trt Treatment	Rate	Appl	Appl						
No. Name	Unit	Code	Timing						
10 Florpyrauxifen (F7B-71-1)	5.5 fl oz/a	A	coty-2 leaf	19	23	27	24	24	25
Ethofumesate	6 fl oz/a	A	coty-2 leaf						
Dual Magnum	1 pt/a	A	coty-2 leaf						
Roundup PowerMax 3	25 fl oz/a	A	coty-2 leaf						
Destiny HC	1.5 pt/a	A	coty-2 leaf						
AMSOL	2.5 % v/v	A	coty-2 leaf						
Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	B	4-6 leaf						
Ethofumesate	6 fl oz/a	B	4-6 leaf						
Dual Magnum	1 pt/a	B	4-6 leaf						
Roundup PowerMax 3	25 fl oz/a	B	4-6 leaf						
Destiny HC	1.5 pt/a	B	4-6 leaf						
AMSOL	2.5 % v/v	B	4-6 leaf						
11 Loyant (GF-3206)	0.274 fl oz/a	A	coty-2 leaf	5	8	16	18	13	14
Destiny HC	1.5 pt/a	A	coty-2 leaf						
Loyant (GF-3206)	0.274 fl oz/a	B	4-6 leaf						
Destiny HC	1.5 pt/a	B	4-6 leaf						
12 Stinger HL	1.2 fl oz/a	A	coty-2 leaf	6	17	21	20	18	20
Dual Magnum	1 pt/a	A	coty-2 leaf						
Roundup PowerMax 3	25 fl oz/a	A	coty-2 leaf						
AMSOL	2.5 % v/v	A	coty-2 leaf						
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B	4-6 leaf						
Ethofumesate	6 fl oz/a	B	4-6 leaf						
Dual Magnum	1 pt/a	B	4-6 leaf						
Roundup PowerMax 3	25 fl oz/a	B	4-6 leaf						
Destiny HC	1.5 pt/a	B	4-6 leaf						
AMSOL	2.5 % v/v	B	4-6 leaf						
LSD P=.05				3.6	3.6	4.4	5.1	6.5	6.7
Standard Deviation				2.5	2.5	3.1	3.5	4.5	4.6
CV				37.82	21.52	16.83	20.12	28.19	27.07

Missing data estimates are included in columns: Average=10,11,12,13,14

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Study Director: Christy Sprague Sponsor Contact:

Investigator: Sprague, Stiles

Rating Date	Jun-29-2023	Jul-7-2023	Jul-18-2023	Sep-19-2023	Sep-19-2023	Sep-19-2023
Rating Type	injury	injury	injury	stand count	sugar	RWST
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	100' ROW, -, -	%, 0, 100	lb/ton, -, -
Crop Type, Code	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU
Trt-Eval Interval	29 DA-B	37 DA-B	48 DA-B	111 DA-B	111 DA-B	111 DA-B
Number of Decimals	0	0	0	0	1	0

Trt No.	Treatment Name	Rate	Unit	Appl Code	Appl Timing	Jun-29-2023	Jul-7-2023	Jul-18-2023	Sep-19-2023	Sep-19-2023	Sep-19-2023
1	Untreated					0	0	0	222	15.8	232
2	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A		coty-2 leaf	14	12	9	212	16.3	239
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
3	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A		coty-2 leaf	17	16	13	225	15.8	230
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
4	Florpyrauxifen (F7B-71-1)	2.06 fl oz/a	A		coty-2 leaf	21	18	17	211	16.3	238
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
5	Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	A		coty-2 leaf	12	9	12	218	15.8	230
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
6	Florpyrauxifen (F7B-71-1)	5.5 fl oz/a	A		coty-2 leaf	31	28	29	218	15.8	230
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
7	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	A		coty-2 leaf	13	9	6	219	15.7	227
	Ethofumesate	6 fl oz/a	A		coty-2 leaf						
	Dual Magnum	1 pt/a	A		coty-2 leaf						
	Roundup PowerMax 3	25 fl oz/a	A		coty-2 leaf						
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	AMSOL	2.5 % v/v	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Ethofumesate	6 fl oz/a	B		4-6 leaf						
	Dual Magnum	1 pt/a	B		4-6 leaf						
	Roundup PowerMax 3	25 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
	AMSOL	2.5 % v/v	B		4-6 leaf						
8	Florpyrauxifen (F7B-71-1)	2.06 fl oz/a	A		coty-2 leaf	18	14	9	206	15.8	229
	Ethofumesate	6 fl oz/a	A		coty-2 leaf						
	Dual Magnum	1 pt/a	A		coty-2 leaf						
	Roundup PowerMax 3	25 fl oz/a	A		coty-2 leaf						
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	AMSOL	2.5 % v/v	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Ethofumesate	6 fl oz/a	B		4-6 leaf						
	Dual Magnum	1 pt/a	B		4-6 leaf						
	Roundup PowerMax 3	25 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
	AMSOL	2.5 % v/v	B		4-6 leaf						
9	Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	A		coty-2 leaf	16	7	4	217	16.2	238
	Ethofumesate	6 fl oz/a	A		coty-2 leaf						
	Dual Magnum	1 pt/a	A		coty-2 leaf						
	Roundup PowerMax 3	25 fl oz/a	A		coty-2 leaf						
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	AMSOL	2.5 % v/v	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Ethofumesate	6 fl oz/a	B		4-6 leaf						
	Dual Magnum	1 pt/a	B		4-6 leaf						
	Roundup PowerMax 3	25 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
	AMSOL	2.5 % v/v	B		4-6 leaf						

Missing data estimates are included in columns: Average=10,11,12,13,14

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Study Director: Christy Sprague Sponsor Contact:

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Rating Date	Jun-29-2023	Jul-7-2023	Jul-18-2023	Sep-19-2023	Sep-19-2023	Sep-19-2023					
Rating Type	injury	injury	injury	stand count	sugar	RWST					
Rating Unit/Min/Max	% , 0, 100	% , 0, 100	% , 0, 100	100' ROW, -, -	% , 0, 100	lb/ton, -, -					
Crop Type, Code	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU	C, BETVU					
Trt-Eval Interval	29 DA-B	37 DA-B	48 DA-B	111 DA-B	111 DA-B	111 DA-B					
Number of Decimals	0	0	0	0	1	0					
Trt No.	Treatment Name	Rate	Unit	Appl Code	Appl Timing						
10	Florpyrauxifen (F7B-71-1)	5.5 fl oz/a	A		coty-2 leaf	29	23	23	208	15.8	232
	Ethofumesate	6 fl oz/a	A		coty-2 leaf						
	Dual Magnum	1 pt/a	A		coty-2 leaf						
	Roundup PowerMax 3	25 fl oz/a	A		coty-2 leaf						
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	AMSOL	2.5 % v/v	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	B		4-6 leaf						
	Ethofumesate	6 fl oz/a	B		4-6 leaf						
	Dual Magnum	1 pt/a	B		4-6 leaf						
	Roundup PowerMax 3	25 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
	AMSOL	2.5 % v/v	B		4-6 leaf						
11	Loyant (GF-3206)	0.274 fl oz/a	A		coty-2 leaf	16	10	7	206	15.8	231
	Destiny HC	1.5 pt/a	A		coty-2 leaf						
	Loyant (GF-3206)	0.274 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
12	Stinger HL	1.2 fl oz/a	A		coty-2 leaf	14	12	6	200	15.4	224
	Dual Magnum	1 pt/a	A		coty-2 leaf						
	Roundup PowerMax 3	25 fl oz/a	A		coty-2 leaf						
	AMSOL	2.5 % v/v	A		coty-2 leaf						
	Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B		4-6 leaf						
	Ethofumesate	6 fl oz/a	B		4-6 leaf						
	Dual Magnum	1 pt/a	B		4-6 leaf						
	Roundup PowerMax 3	25 fl oz/a	B		4-6 leaf						
	Destiny HC	1.5 pt/a	B		4-6 leaf						
	AMSOL	2.5 % v/v	B		4-6 leaf						
	LSD P=.05					6.5	6.7	5.1	16.6	0.50	8.9
	Standard Deviation					4.5	4.7	3.5	11.5	0.34	6.2
	CV					26.96	35.66	31.74	5.38	2.17	2.67

Missing data estimates are included in columns: Average=10,11,12,13,14

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Study Director: Christy Sprague Sponsor Contact:

Investigator: Sprague, Stiles

Rating Date	Sep-19-2023	Sep-19-2023
Rating Type	yield	RWSA
Rating Unit/Min/Max	ton/A, -, -	lb/A, -, -
Crop Type, Code	C, BETVU	C, BETVU
Trt-Eval Interval	111 DA-B	111 DA-B
Number of Decimals	1	0

Trt No.	Treatment Name	Rate	Unit	Appl Code	Appl Timing		
1	Untreated					25.6	5971
2	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	A	coty-2 leaf	26.0	6206
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
3	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	A	coty-2 leaf	24.6	5650
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
4	Florpyrauxifen (F7B-71-1)	2.06	fl oz/a	A	coty-2 leaf	22.4	5005
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
5	Florpyrauxifen (F7B-71-1)	2.74	fl oz/a	A	coty-2 leaf	26.4	6087
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
6	Florpyrauxifen (F7B-71-1)	5.5	fl oz/a	A	coty-2 leaf	21.1	4853
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	2.74	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
7	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	A	coty-2 leaf	27.0	6135
	Ethofumesate	6	fl oz/a	A	coty-2 leaf		
	Dual Magnum	1	pt/a	A	coty-2 leaf		
	Roundup PowerMax 3	25	fl oz/a	A	coty-2 leaf		
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	AMSOL	2.5	% v/v	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
	Ethofumesate	6	fl oz/a	B	4-6 leaf		
	Dual Magnum	1	pt/a	B	4-6 leaf		
	Roundup PowerMax 3	25	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
	AMSOL	2.5	% v/v	B	4-6 leaf		
8	Florpyrauxifen (F7B-71-1)	2.06	fl oz/a	A	coty-2 leaf	21.6	4959
	Ethofumesate	6	fl oz/a	A	coty-2 leaf		
	Dual Magnum	1	pt/a	A	coty-2 leaf		
	Roundup PowerMax 3	25	fl oz/a	A	coty-2 leaf		
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	AMSOL	2.5	% v/v	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
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	Destiny HC	1.5	pt/a	B	4-6 leaf		
	AMSOL	2.5	% v/v	B	4-6 leaf		
9	Florpyrauxifen (F7B-71-1)	2.74	fl oz/a	A	coty-2 leaf	26.5	6356
	Ethofumesate	6	fl oz/a	A	coty-2 leaf		
	Dual Magnum	1	pt/a	A	coty-2 leaf		
	Roundup PowerMax 3	25	fl oz/a	A	coty-2 leaf		
	Destiny HC	1.5	pt/a	A	coty-2 leaf		
	AMSOL	2.5	% v/v	A	coty-2 leaf		
	Florpyrauxifen (F7B-71-1)	1.37	fl oz/a	B	4-6 leaf		
	Ethofumesate	6	fl oz/a	B	4-6 leaf		
	Dual Magnum	1	pt/a	B	4-6 leaf		
	Roundup PowerMax 3	25	fl oz/a	B	4-6 leaf		
	Destiny HC	1.5	pt/a	B	4-6 leaf		
	AMSOL	2.5	% v/v	B	4-6 leaf		

Missing data estimates are included in columns: Average=10,11,12,13,14

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Sugarbeet tolerance to Rinskor

Trial ID: SB03-23

Protocol ID: SB03-23 Location: SVREC Trial Year: 2023

Study Director: Christy Sprague Sponsor Contact:

Investigator: Sprague, Stiles

Rating Date	Sep-19-2023	Sep-19-2023		
Rating Type	yield	RWSA		
Rating Unit/Min/Max	ton/A, -, -	lb/A, -, -		
Crop Type, Code	C, BETVU	C, BETVU		
Trt-Eval Interval	111 DA-B	111 DA-B		
Number of Decimals	1	0		
Trt Treatment	Rate	Appl Appl		
No. Name	Rate Unit	Code Timing		
10 Florpyrauxifen (F7B-71-1)	5.5 fl oz/a	A coty-2 leaf	23.0	5357
Ethofumesate	6 fl oz/a	A coty-2 leaf		
Dual Magnum	1 pt/a	A coty-2 leaf		
Roundup PowerMax 3	25 fl oz/a	A coty-2 leaf		
Destiny HC	1.5 pt/a	A coty-2 leaf		
AMSOL	2.5 % v/v	A coty-2 leaf		
Florpyrauxifen (F7B-71-1)	2.74 fl oz/a	B 4-6 leaf		
Ethofumesate	6 fl oz/a	B 4-6 leaf		
Dual Magnum	1 pt/a	B 4-6 leaf		
Roundup PowerMax 3	25 fl oz/a	B 4-6 leaf		
Destiny HC	1.5 pt/a	B 4-6 leaf		
AMSOL	2.5 % v/v	B 4-6 leaf		
11 Loyant (GF-3206)	0.274 fl oz/a	A coty-2 leaf	24.5	5685
Destiny HC	1.5 pt/a	A coty-2 leaf		
Loyant (GF-3206)	0.274 fl oz/a	B 4-6 leaf		
Destiny HC	1.5 pt/a	B 4-6 leaf		
12 Stinger HL	1.2 fl oz/a	A coty-2 leaf	22.4	5071
Dual Magnum	1 pt/a	A coty-2 leaf		
Roundup PowerMax 3	25 fl oz/a	A coty-2 leaf		
AMSOL	2.5 % v/v	A coty-2 leaf		
Florpyrauxifen (F7B-71-1)	1.37 fl oz/a	B 4-6 leaf		
Ethofumesate	6 fl oz/a	B 4-6 leaf		
Dual Magnum	1 pt/a	B 4-6 leaf		
Roundup PowerMax 3	25 fl oz/a	B 4-6 leaf		
Destiny HC	1.5 pt/a	B 4-6 leaf		
AMSOL	2.5 % v/v	B 4-6 leaf		
LSD P=.05			4.96	1225.4
Standard Deviation			3.45	849.7
CV			14.2	15.14

Missing data estimates are included in columns: Average=10,11,12,13,14