

MSU Soil Fertility Research Program
 RESPONSE OF SUGARBEETS OT VARIOUS K AND B SOURCES APPLIED IN THE FALL
 Trial ID: BV01-19 Location: SVRF Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: MOBEETFALL

						BEAVA Sugarbeet Crystal 675 RWST Oct-11-2019	BEAVA Sugarbeet Crystal 675 % Sugar Oct-11-2019	BEAVA Sugarbeet Crystal 675 RWSA Oct-11-2019	
						YIELD POUNDS HARVEST	YIELD PERCENT HARVEST	LBS RWSA POUNDS HARVEST	
							1	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	9	11	13
1	CHECK						279.32 a	18.3 a	8203 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
2	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	FALL	285.38 a	18.6 a	8639 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
3	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	FALL	285.53 a	18.6 a	8421 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
4	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	FALL	285.55 a	18.8 a	8350 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	FALL			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
5	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	FALL	285.57 a	18.6 a	8903 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	FALL			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	10-34-0		AL	3 gal/a	3 gal/a	IN FUR			
	Water		AL	3 gal/a	3 gal/a	IN FUR			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
6	MESZ	40	GR	40 lb ai/a	100 lb/a	FALL	288.14 a	18.8 a	9786 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	FALL			
	10-34-0		AL	3 gal/a	3 gal/a	IN FUR			
	Water		AL	3 gal/a	3 gal/a	IN FUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			
7	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	FALL	281.49 a	18.4 a	8975 a
	Aspire	58	GR	90 lb ai/a	155 lb/a	FALL			
	MOP 0-0-62	62	GR	90 lb ai/a	145 lb/a	FALL			
	10-34-0		AL	3 gal/a	3 gal/a	IN FUR			
	Water		AL	3 gal/a	3 gal/a	IN FUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a	SD2-4lf			

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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							BEAVA	BEAVA	BEAVA	
							Sugarbeet	Sugarbeet	Sugarbeet	
							Crystal 675	Crystal 675	Crystal 675	
							RWST	% Sugar	RWSA	
							Oct-11-2019	Oct-11-2019	Oct-11-2019	
							YIELD	YIELD	LBS RWSA	
							POUNDS	PERCENT	POUNDS	
							HARVEST	HARVEST	HARVEST	
								1	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	11	13
8	MESZ	40	GR	40 lb ai/a	100 lb/a		FALL	293.94 a	19.2 a	9368 a
	Aspire	58	GR	90 lb ai/a	155 lb/a		FALL			
	MOP 0-0-62	62	GR	90 lb ai/a	145 lb/a		FALL			
	10-34-0		AL	3 gal/a	3 gal/a		IN FUR			
	Water		AL	3 gal/a	3 gal/a		IN FUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		2X2PL			
	28% Nitrogen	3	AL	140 lb ai/a	46.7 gal/a		SD2-4lf			
LSD P=.10							8.955	0.50	1155.4	
Standard Deviation							7.360	0.41	949.6	
CV							2.58	2.21	10.75	
Replicate F							1.601	1.395	0.621	
Replicate Prob(F)							0.2192	0.2720	0.6093	
Treatment F							1.398	1.523	1.303	
Treatment Prob(F)							0.2579	0.2136	0.2968	

Crop Code
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US
Rating Type
 YIELD = yield
Rating Unit
 PERCENT = percent

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