

MSU Soil Fertility Research Program
 RESPONSE OF SUGARBEETS OT VAIIOUS K AND B SOURCES APPLIED IN THE SPRING
 Trial ID: BV07-18 Location: SVREC Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: MOSPRINGGBEET

						BEAVA Sugarbeet Beta 1399 % Sugar Oct-16-2018	BEAVA Sugarbeet Beta 1399 RWST Oct-16-2018	BEAVA Sugarbeet Beta 1399 RWSA Oct-16-2018	
								LBS RWSA POUNDS HARVEST T2 0	
Rating Type	Rating Unit					HARVEST	HARVEST		
Crop Stage Scale	ARM Action Codes								
Number of Decimals						0	0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	9	10	11
1	CHECK						15.44 d	226 c	6927 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	PPI	15.40 d	223 c	6446 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	132 lb ai/a	44 gal/a	SD2-4lf			
3	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	PPI	15.69 cd	230 bc	6891 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	PPI	15.84 cd	234 bc	7935 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	PPI			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	132 lb ai/a	44 gal/a	SD2-4lf			
5	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	PPI	16.01 bcd	234 bc	7136 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	PPI			
	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	129 lb ai/a	43 gal/a	SD2-4lf			
6	MESZ	40	GR	40 lb ai/a	100 lb/a	PPI	16.98 a	252 a	7999 a
	MOP 0-0-62	62	GR	180 lb ai/a	290 lb/a	PPI			
	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	125 lb ai/a	41.7 gal/a	SD2-4lf			
7	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	PPI	16.29 bc	241 ab	7622 a
	Aspire	58	GR	90 lb ai/a	155 lb/a	PPI			
	MOP 0-0-62	62	GR	90 lb ai/a	145 lb/a	PPI			
	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	129 lb ai/a	43 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.
 Missing data estimates are included in columns: Yates=9,10,11

MSU Soil Fertility Research Program
RESPONSE OF SUGARBEETS TO VARIOUS K AND B SOURCES APPLIED IN THE SPRING
 Trial ID: BV07-18 Location: SVREC Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: MOSPRINGGBEET

Crop Code						BEAVA	BEAVA	BEAVA	
Crop Name						Sugarbeet	Sugarbeet	Sugarbeet	
Crop Variety						Beta 1399	Beta 1399	Beta 1399	
Description						% Sugar	RWST	RWSA	
Rating Date						Oct-16-2018	Oct-16-2018	Oct-16-2018	
Rating Type								LBS RWSA	
Rating Unit								POUNDS	
Crop Stage Scale						HARVEST	HARVEST	HARVEST	
ARM Action Codes								T2	
Number of Decimals							0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	9	10	11
8	MESZ	40	GR	40 lb ai/a	100 lb/a	PPI	16.64 ab	247 a	8631 a
	Aspire	58	GR	90 lb ai/a	155 lb/a	PPI			
	MOP 0-0-62	62	GR	90 lb ai/a	145 lb/a	PPI			
	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	125 lb ai/a	41.7 gal/a	SD2-4lf			
LSD P=.10						0.642	11.3	1382.5	
Standard Deviation						0.526	9.3	1130.7	
CV						3.28	3.94	15.18	
Replicate F						0.406	0.595	0.659	
Replicate Prob(F)						0.7504	0.6253	0.5872	
Treatment F						4.629	4.719	1.633	
Treatment Prob(F)						0.0032	0.0029	0.1864	

Crop Code
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US
ARM Action Codes
 T2 = [C4]*[C10]

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.
 Missing data estimates are included in columns: Yates=9,10,11