

MSU Soil Fertility Research Program

RESPONSE OF SUGARBEET TO ANUVIA

Trial ID: BV03-18 Location: SVREC Trial Year: 2018

Investigator: Kurt Steinke

Project ID: ANUVIA

						BEAVA Sugarbeet Beta 1399 % Sugar Oct-16-2018	BEAVA Sugarbeet Beta 1399 RWST Oct-16-2018	BEAVA Sugarbeet Beta 1399 RWSA Oct-16-2018	
Crop Code									
Crop Name									
Crop Variety									
Description									
Rating Date									
Rating Type									
Rating Unit								LBS RWSA	
Crop Stage Scale								POUNDS	
ARM Action Codes						HARVEST ET2	HARVEST	HARVEST ET3 T2	
Number of Decimals						1	0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	9	10	11
1	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL	16.6 a	243 a	6977 a
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4lf			
2	SymTRX20S	20	GR	20 lb ai/a	100 lb/a	PPI	16.6	247 a	7798 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
3	Sym171113-2	19	GR	20 lb ai/a	105 lb/a	PPI	16.8 a	250 a	7712
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
4	AS (21-0-0-24S)	24	GR	20 lb ai/a	83 lb/a	PPI	16.4 a	242 a	6782 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
5	SymTRX20S	20	GR	16.6 lb ai/a	83 lb/a	PPI	16.2 a	236 a	6387 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
6	Sym171113-2	19	GR	16.6 lb ai/a	87 lb/a	PPI	16.2 a	240 a	8046 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
7	AS (21-0-0-24S)	24	GR	16.6 lb ai/a	69 lb/a	PPI	16.7 a	247 a	7059 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	105 lb ai/a	35 gal/a	SD2-4lf			
LSD P=.10						0.67	10.5	1378.2	
Standard Deviation						0.54	8.5	1111.8	
CV						3.3	3.51	15.5	
Replicate F						1.110	1.526	3.538	
Replicate Prob(F)						0.3760	0.2419	0.0407	
Treatment F						0.835	1.305	1.277	
Treatment Prob(F)						0.5451	0.3048	0.3243	

Crop Code

BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US

ARM Action Codes

ET2 = Excluded treatment 2

ET3 = Excluded treatment 3

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.