

MSU Soil Fertility Research Program
 SUGARBEET AS AFFECTED BY VARYING RATES OF N IN 2X2, SIDEDRESS AND PREPLANT INCORPORATED.
 Trial ID: BV04-19 Location: SVRF Trial Year: 2019
 Investigator: Kurt Steinke
 Project ID: GradientPPI

Crop Code						BEAVA	BEAVA	BEAVA	
Crop Name						Sugarbeet	Sugarbeet	Sugarbeet	
Crop Variety						Crystal 675	Crystal 675	Crystal 675	
Description						RWST	% Sugar	RWSA	
Rating Date						Oct-14-2019	Oct-14-2019	Oct-14-2019	
Rating Type						YIELD	YIELD	LBS RWSA	
Rating Unit						POUNDS	PERCENT	POUNDS	
Crop Stage Scale						HARVEST	HARVEST	HARVEST	
ARM Action Codes								T2	
Number of Decimals								0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage			
							13	15	
								17	
1	28% Nitrogen	3	AL	160 lb ai/a	53.3 gal/a	SD2-4LF	257.96 b	17.13 a	6896 a
2	Urea 46-0-0	46	GR	160 lb ai/a	348 lb/a	PPI	284.54 a	18.60 a	6392 a
3	28% Nitrogen	3	AL	48 lb ai/a	16 gal/a	2X2	271.03 ab	17.70 a	6428 a
	28% Nitrogen	3	AL	112 lb ai/a	37.3 gal/a	SD2-4LF			
4	Urea 46-0-0	46	GR	112 lb ai/a	243 lb/a	PPI	271.30 ab	17.77 a	5746 a
	28% Nitrogen	3	AL	48 lb ai/a	16 gal/a	2X2			
5	28% Nitrogen	3	AL	72 lb ai/a	24 gal/a	2X2	275.64 a	18.10 a	6669 a
	28% Nitrogen	3	AL	88 lb ai/a	29.3 gal/a	SD2-4LF			
6	Urea 46-0-0	46	GR	88 lb ai/a	191 lb/a	PPI	284.80 a	18.47 a	7034 a
	28% Nitrogen	3	AL	72 lb ai/a	24 gal/a	2X2			
7	28% Nitrogen	3	AL	96 lb ai/a	32 gal/a	2X2	277.55 a	18.15 a	5749 a
	28% Nitrogen	3	AL	64 lb ai/a	21.3 gal/a	SD2-4LF			
8	Urea 46-0-0	46	GR	64 lb ai/a	139 lb/a	PPI	279.28 a	18.15 a	6273 a
	28% Nitrogen	3	AL	96 lb ai/a	32 gal/a	2X2			
LSD P=.10							14.102	0.824	1247.8
Standard Deviation							11.590	0.677	1025.6
CV							4.21	3.76	16.03
Replicate F							1.440	1.135	1.598
Replicate Prob(F)							0.2594	0.3577	0.2198
Treatment F							2.262	1.912	0.863
Treatment Prob(F)							0.0699	0.1184	0.5505

Crop Code
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US
Rating Type
 YIELD = yield
Rating Unit
 PERCENT = percent
ARM Action Codes
 T2 = [C12]*[C13]

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.