

MSU Soil Fertility Research Program

RESPONSE OF SUGARBEET TO SULFUR APPLICATIONS

Trial ID: BV05-16 Location: SVRF Trial Year: 2016
 Investigator: Kurt Steinke
 Project ID: SulfurBeets

							BEAVA Sugarbeet Crystal RR059 tons/ac Oct-6-2016 YIELD T-US HARVEST	BEAVA Sugarbeet Crystal RR059 RWSA Oct-6-2016 LBS RWSA POUNDS HARVEST	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage		
							7	17	
1	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	36 a	8832 a
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	27	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	46	GR	120 lb ai/a	260 lb/a		SD2-4lf		
2	GYPSUM	16	GR	25 lb ai/a	156 lb/a		PPI	37 a	9113 a
	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL		
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	27	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	46	GR	120 lb ai/a	260 lb/a		SD2-4lf		
3	GYPSUM	16	GR	50 lb ai/a	313 lb/a		PPI	38 a	9270 a
	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL		
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	27	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	46	GR	120 lb ai/a	260 lb/a		SD2-4lf		
4	GYPSUM	16	GR	100 lb ai/a	625 lb/a		PPI	39 a	9617 a
	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL		
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	27	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	46	GR	120 lb ai/a	260 lb/a		SD2-4lf		
LSD P=.10							5.1	1496.8	
Standard Deviation							3.9	1154.8	
CV							10.52	12.54	
Replicate F							4.566	2.859	
Replicate Prob(F)							0.0331	0.0968	
Treatment F							0.542	0.321	
Treatment Prob(F)							0.6652	0.8102	

Crop Code
 BEAVA, BSUG, Beta vulgaris vulg. altissima, = US
 Rating Type
 YIELD = yield
 Rating Unit
 T-US = ton (short=2000 lb)
 ARM Action Codes
 TY1 = 0.1244571*[C6]
 T2 = [C7]*[C16]

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.