

MSU Soil Fertility Research Program

EARLY HARVEST SUGARBEET RESPONSE FOLLOWING CORN

Trial ID: BV04-15 Location: SVRF Trial Year: 15
 Investigator: Kurt Steinke
 Project ID: EARLYBEET

Crop Code							BEAVA	BEAVA	
Crop Name							Sugarbeet	Sugarbeet	
Crop Variety							Crystal RR059	Crystal RR059	
Description							yield	RWSA	
Rating Date							Aug-25-2015	Aug-25-2015	
Rating Type							YIELD	YIELD	
Rating Unit							T-US	pounds	
Crop Stage Scale							Harvest	Harvest	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage	10	12
1	CHECK							12.8 b	3347 b
	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		
2	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	16.2 b	4291 b
	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		
3	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	23.6 a	6175 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	40 lb ai/a	87 lb/a		SD2-4lf		
4	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	23.8 a	4727
	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	80 lb ai/a	174 lb/a		SD2-4lf		
5	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	24.5 a	6139 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		
LSD P=.10							3.46	1077.9	
Standard Deviation							2.75	831.5	
CV							13.61	16.67	
Replicate F							5.337	2.520	
Replicate Prob(F)							0.0144	0.1237	
Treatment F							15.080	11.401	
Treatment Prob(F)							0.0001	0.0020	

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*[C9]

T3 = [c10]*[c11]

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.