

MSU Soil Fertility Research Program

EARLY HARVEST BEETS UTILIZING VARIOUS NITROGEN STRATEGIES

Trial ID: BV04-16 Location: SVRF Trial Year: 2016
 Investigator: Kurt Steinke
 Project ID: EarlyBeet

							BEAVA Sugarbeet Crystal RR 059 tons/ac Aug-29-2016 YIELD T-US HARVEST	BEAVA Sugarbeet Crystal RR059 RWSA Aug-29-2016 LBS RWSA POUNDS HARVEST	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage		
	Crop Code								
	Crop Name								
	Crop Variety								
	Description								
	Rating Date								
	Rating Type								
	Rating Unit								
	Crop Stage Scale								
1	CHECK							20.1 c	4344 c
	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	28.6 b	6425 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		
3	P205-PHOS	45	GR	20 lb ai/a	44.4 lb/a		2X2PL	29.1 ab	6251 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	26.6 b	5500 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		
	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	32.0 a	6369 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							3.24	694.7	
Standard Deviation							2.57	551.3	
CV							9.42	9.54	
Replicate F							3.404	3.191	
Replicate Prob(F)							0.0533	0.0627	
Treatment F							12.007	10.284	
Treatment Prob(F)							0.0004	0.0007	

Crop Code
 BEAVA, BSUG, Beta vulgaris vulg. altissima, = US
Rating Type
 YIELD = yield
Rating Unit
 T-US = ton (short=2000 lb)
ARM Action Codes
 TY2 = 0.1244571*[C9]
 T3 = [C10]*[C19]

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.