

MSU Soil Fertility Research Program  
**EARLY HARVEST BEETS UTILIZING VARIOUS NITROGEN STRATEGIES**  
 Trial ID: BV01-17      Location: SVREC      Trial Year: 2017  
 Investigator: Kurt Steinke

Project ID: EarlyBeet

							BEAVA	BEAVA
							Sugarbeet	Sugarbeet
							Beta 1399	Beta 1399
								RWSA
							Aug-29-2017	Aug-29-2016
							YIELD	LBS RWSA
							T-US	POUNDS
							HARVEST	HARVEST
							TY2	T4
							1	0
Trt No.	Treatment Name	Form Type	Rate	Other Rate	Other Rate	Growth Unit Stage		
1	CHECK						8.9 b	2294 c
	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL		
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
2	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	12.4 b	3248 bc
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	AL	40 lb ai/a	13.3 gal/a		2X2PL		
3	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	17.1 a	4614 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	GR	40 lb ai/a	87 lb/a		SD2-4lf		
4	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	17.1 a	4526 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	GR	80 lb ai/a	174 lb/a		SD2-4lf		
5	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	18.0 a	4728 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	GR	120 lb ai/a	260 lb/a		SD2-4lf		
6	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	16.6 a	4197 ab
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL		
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL		
	28% Nitrogen	AL	40 lb ai/a	13.3 gal/a		2X2PL		
	Urea 46-0-0	GR	160 lb ai/a	348 lb/a		SD2-4lf		
LSD P=.10							3.79	985.0
Standard Deviation							3.05	794.6
CV							20.35	20.2
Replicate F							0.324	0.246
Replicate Prob(F)							0.8082	0.8626
Treatment F							5.513	5.919
Treatment Prob(F)							0.0045	0.0032

Crop Code  
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US  
Rating Type  
 YIELD = yield

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.

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Rating Unit

T-US = ton (short=2000 lb)

ARM Action Codes

TY2 = 0.1244571\*[C7]

T4 = [c8]\*[c17]