

MSU Soil Fertility Research Program  
**SUGARBEET RESPONSE TO NITROGEN FOLLOWING WHEAT**  
 Trial ID: BV07-17      Location: SVREC      Trial Year: 2017  
 Investigator: Kurt Steinke  
 Project ID: Sidedress

Crop Code						BEAVA	BEAVA
Crop Name						Sugarbeet	Sugarbeet
Crop Variety						Beta 1399	Beta 1399
Description						lbs/175sqft	RWSA
Rating Date						Oct-27-2017	Oct-27-2017
Rating Type						YIELD	LBS RWSA
Rating Unit						T-US	POUNDS
Crop Stage Scale						HARVEST	HARVEST
ARM Action Codes						TY2	ET4 T4
Number of Decimals						0	0
Trt No.	Treatment Name	Form Type	Rate Unit	Other Rate	Other Rate	Growth Unit Stage	
1	CHECK						
	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	9
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	19
	Manganese	GR	2 lb ai/a	7.4 lb/a		2X2PL	
2	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	20 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	5396 a
	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	24 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	6576 a
	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	25 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	6910 a
	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	28 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	7599
	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	28 a
	K2O 0-0-62	GR	50 lb ai/a	81 lb/a		2X2PL	7466 a
	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	

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.

MSU Soil Fertility Research Program  
**SUGARBEET RESPONSE TO NITROGEN FOLLOWING WHEAT**  
 Trial ID: BV07-17      Location: SVREC      Trial Year: 2017  
 Investigator: Kurt Steinke  
 Project ID: Sidedress

Crop Code	BEAVA						BEAVA
Crop Name	Sugarbeet						Sugarbeet
Crop Variety	Beta 1399						Beta 1399
Description	lbs/175sqft						RWSA
Rating Date	Oct-27-2017						Oct-27-2017
Rating Type	YIELD						LBS RWSA
Rating Unit	T-US						POUNDS
Crop Stage Scale	HARVEST						HARVEST
ARM Action Codes	TY2						ET4 T4
Number of Decimals	0						0
Trt No.	Treatment Name	Form Type	Rate	Other Rate	Other Rate	Growth Unit Stage	
							9      19
7	P205-PHOS	GR	20 lb ai/a	44.4 lb/a		2X2PL	30 a      7364 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	200 lb ai/a	435 lb/a		SD2-4lf	
LSD P=	.10						5.5      1839.8
Standard Deviation							4.5      1484.2
CV							17.44      21.79
Replicate F							1.136      0.883
Replicate Prob(F)							0.3612      0.4724
Treatment F							2.063      1.060
Treatment Prob(F)							0.1093      0.4202

Crop Code  
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US

Rating Type  
 YIELD = yield

Rating Unit  
 T-US = ton (short=2000 lb)

ARM Action Codes  
 ET4 = Excluded treatment 4  
 TY2 = 0.1244571\*[8]  
 T4 = [c9]\*[c18]

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.