

MSU Soil Fertility Research Program

SUGARBEET RESPONSE TO NITROGEN FOLLOWING WHEAT

Trial ID: BV01-13 Location: SVRF Trial Year: 2013
 Investigator: Kurt Steinke
 Project ID: SIDEDRESS

Crop Code						BEAVA
Crop Name						Sugarbeet
Crop Variety						Syngenta RR42
Description						Yield
Rating Date						Oct-23-2013
Rating Type						YIELD
Rating Unit						T-US
Crop Stage Scale						Harvest
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
		Rate Unit	Rate	Rate	Unit	
						52
5	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL B	29.7 a
	K2O 0-0-62	50 lb ai/a	81 lb/a		2X2PL B	
	Manganese	2 lb ai/a	7.4 lb/a		2X2PL B	
	28% Nitrogen	40 lb ai/a	13.3 gal/a		2X2PL B	
	Urea 46-0-0	120 lb ai/a	260 lb/a		SD2-4lf C	
12	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL B	30.5 a
	K2O 0-0-62	50 lb ai/a	81 lb/a		2X2PL B	
	Manganese	2 lb ai/a	7.4 lb/a		2X2PL B	
	28% Nitrogen	40 lb ai/a	13.3 gal/a		2X2PL B	
	Perfect Blend	1 ton/a	1 ton/a		PPI A	
	Urea 46-0-0	13 lb ai/a	28.3 lb/a		SD2-4lf C	
13	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL B	34.2 a
	K2O 0-0-62	50 lb ai/a	81 lb/a		2X2PL B	
	Manganese	2 lb ai/a	7.4 lb/a		2X2PL B	
	28% Nitrogen	40 lb ai/a	13.3 gal/a		2X2PL B	
	Herbrucks	1 ton/a	1 ton/a		PPI A	
	Urea 46-0-0	66 lb ai/a	143 lb/a		SD2-4lf C	
14	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL B	31.9 a
	K2O 0-0-62	50 lb ai/a	81 lb/a		2X2PL B	
	Manganese	2 lb ai/a	7.4 lb/a		2X2PL B	
	28% Nitrogen	40 lb ai/a	13.3 gal/a		2X2PL B	
	Herbrucks	2 ton/a	2 ton/a		PPI A	
	Urea 46-0-0	13 lb ai/a	28.3 lb/a		SD2-4lf C	
LSD (P=.10)						3.68
Standard Deviation						2.84
CV						9.0
Replicate F						3.540
Replicate Prob(F)						0.0612
Treatment F						1.940
Treatment Prob(F)						0.1937

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*[C42]

Means followed by same letter do not significantly differ (P=.10, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.