

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
1	CHECK					B
	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	K2O 0-0-62	50 lb ai/a	81 lb/a		2X2PL	B
	Manganese	2 lb ai/a	7.4 lb/a		2X2PL	B
						23.7 d
2	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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
						27.2 bc
3	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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	40 lb ai/a	87 lb/a		SD2-4lf	C
						27.2 bc
4	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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	80 lb ai/a	174 lb/a		SD2-4lf	C
						26.3 cd
5	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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
						29.7 ab
6	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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	160 lb ai/a	348 lb/a		SD2-4lf	C
						30.0 a
7	MAP 11-52-0	20 lb ai/a	38.5 lb/a		2X2PL	B
	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	200 lb ai/a	435 lb/a		SD2-4lf	C
						31.9 a
LSD (P=.10)						2.70
Standard Deviation						2.20
CV						7.84
Replicate F						7.237
Replicate Prob(F)						0.0025
Treatment F						6.254
Treatment Prob(F)						0.0013

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.
 Missing data estimates are included in columns:Yates=52

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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]