

MSU Soil Fertility Research Program

RESPONSE OF SUGARBEET TO ANUVIA

Trial ID: BV06-17

Location: SVREC Trial Year: 2017

Investigator: Kurt Steinke

Project ID: ANUVIA

						BEAVA Sugarbeet Beta 1399	BEAVA Sugarbeet Beta 1399 RWSA
						Oct-27-2017	Oct-27-2017
						YIELD	LBS RWSA
						T-US	POUNDS
						HARVEST	HARVEST
						TY2	T3
						0	0
Trt No.	Treatment Name	Form Type	Rate	Other Rate	Other Rate	Growth Unit Stage	
1	28% Nitrogen Urea 46-0-0	AL GR	40 lb ai/a 120 lb ai/a	13.3 gal/a 260 lb/a		2X2PL SD2-4lf	21 b 5449 b
2	MAP 11-52-0 28% Nitrogen Urea 46-0-0	GR AL GR	49.4 lb ai/a 40 lb ai/a 110 lb ai/a	95 lb/a 13.3 gal/a 240 lb/a		PPI 2X2PL SD2-4lf	31 a 8297 a
3	MAP 11-52-0 28% Nitrogen AS (21-0-0-24S) Urea 46-0-0	GR AL GR GR	49.4 lb ai/a 40 lb ai/a 30 lb ai/a 83.5 lb ai/a	95 lb/a 13.3 gal/a 125 lb/a 182 lb/a		PPI 2X2PL PPI SD2-4lf	29 a 7789 a
4	MAP 11-52-0 28% Nitrogen SymTRX20S Urea 46-0-0	GR AL GR GR	49.4 lb ai/a 40 lb ai/a 30 lb ai/a 85.5 lb ai/a	95 lb/a 13.3 gal/a 150 lb/a 186 lb/a		PPI 2X2PL PPI SD2-4lf	32 a 8903 a
5	SymTRX12S 28% Nitrogen Urea 46-0-0	GR AL GR	30 lb ai/a 40 lb ai/a 80 lb ai/a	250 lb/a 13.3 gal/a 174 lb/a		PPI 2X2PL SD2-4lf	33 a 8982 a
6	MAP 11-52-0 28% Nitrogen SymTRX12S Urea 46-0-0	GR AL GR GR	15.6 lb ai/a 40 lb ai/a 20 lb ai/a 90 lb ai/a	30 lb/a 13.3 gal/a 167 lb/a 196 lb/a		PPI 2X2PL PPI SD2-4lf	32 a 8650 a
LSD P=.10						4.6	1229.4
Standard Deviation						3.7	987.1
CV						12.32	12.32
Replicate F						4.115	5.765
Replicate Prob(F)						0.0275	0.0088
Treatment F						5.563	7.259
Treatment Prob(F)						0.0050	0.0015

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

TY2 = 0.1244571\*[4]

T3 = [c5]\*[c14]

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.

Missing data estimates are included in columns: Yates=5,15