

MSU Soil Fertility Research Program

RESPONSE OF SUGARBEET TO CRYSTAL GREEN AND MAP

Trial ID: BV06-16

Location: SVRF Trial Year: 2016

Investigator: Kurt Steinke

Project ID: CrystalGreenBeets

							BEAVA Sugarbeet Crystal RR059 tons/ac Oct-6-2016 YIELD T-US HARVEST	BEAVA Sugarbeet Crystal RR059 lbs RWSA/a Oct-6-2016 YIELD LBS RWSA HARVEST
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Unit Stage	34	44
1	CHECK 28% Nitrogen Urea 46-0-0 CULTIVATION	3 SC 46 GR		40 lb ai/a 120 lb ai/a	13.3 gal/a 260 lb/a	2X2PL SD2-4LF SD2-4LF	36 a	8931 a
2	MAP 11-52-0 28% Nitrogen Urea 46-0-0 CULTIVATION	52 GR 3 SC 46 GR		106 lb/a 40 lb ai/a 108 lb ai/a	106 lb/a 13.3 gal/a 235 lb/a	2X2 2X2PL SD2-4LF SD2-4LF	36 a	8817 a
3	Crystal Green MAP 11-52-0 28% Nitrogen Urea 46-0-0 CULTIVATION	28 GR 52 GR 3 SC 46 GR		30 lb/a 90 lb/a 40 lb ai/a 109 lb ai/a	30 lb/a 90 lb/a 13.3 gal/a 237 lb/a	2X2 2X2 2X2PL SD2-4LF SD2-4LF	38 a	9280 a
4	Crystal Green MAP 11-52-0 28% Nitrogen Urea 46-0-0 CULTIVATION	28 GR 52 GR 3 SC 46 GR		50 lb/a 80 lb/a 40 lb ai/a 109 lb ai/a	50 lb/a 80 lb/a 13.3 gal/a 237 lb/a	2X2 2X2 2X2PL SD2-4LF SD2-4LF	37 a	9018 a
5	Crystal Green MAP 11-52-0 28% Nitrogen Urea 46-0-0 CULTIVATION	28 GR 52 GR 3 SC 46 GR		69 lb/a 69 lb/a 40 lb ai/a 109 lb ai/a	69 lb/a 69 lb/a 13.3 gal/a 237 lb/a	2X2 2X2 2X2PL SD2-4LF SD2-4LF	36 a	8549 a
6	Crystal Green MAP 11-52-0 28% Nitrogen Urea 46-0-0 CULTIVATION	28 GR 52 GR 3 SC 46 GR		99 lb/a 53 lb/a 40 lb ai/a 109 lb ai/a	99 lb/a 53 lb/a 13.3 gal/a 237 lb/a	2X2 2X2 2X2PL SD2-4LF SD2-4LF	37 a	9319 a
LSD P=.10							3.1	758.9
Standard Deviation							2.5	612.2
CV							6.71	6.81
Replicate F							13.279	13.725
Replicate Prob(F)							0.0002	0.0001
Treatment F							0.411	0.899
Treatment Prob(F)							0.8341	0.5070

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 = [C35]T1:0.1244571*[C34]

T2 = [C35]*[C44]

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.