

MSU Soil Fertility Research Program

RESPONSE OF SUGARBEET TO PHOSPHORUS APPLICATIONS

Trial ID: BV02-16 Location: SVRF Trial Year: 2016  
 Investigator: Kurt Steinke  
 Project ID: PHOSBEET

							BEAVA Sugarbeet Crystal RR059 tons/ac Oct-6-2016 YIELD T-US HARVEST	BEAVA Sugarbeet Crystal RR059 RWSA Oct-6-2016 LBS RWSA POUNDS HARVEST	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage		
							5	15	
1	Check						37	8717	
	28% Nitrogen	3 AL		40 lb ai/a	13.3 gal/a				
	Urea 46-0-0	46 GR		120 lb ai/a	260 lb/a				
2	TSP-PHOS	45 GR		25 lb ai/a	55.6 lb/a		40 a	9652 a	
	28% Nitrogen	3 AL		40 lb ai/a	13.3 gal/a				
	Urea 46-0-0	46 GR		120 lb ai/a	260 lb/a				
3	TSP-PHOS	45 GR		50 lb ai/a	111 lb/a		40 a	9452 a	
	28% Nitrogen	3 AL		40 lb ai/a	13.3 gal/a				
	Urea 46-0-0	46 GR		120 lb ai/a	260 lb/a				
4	TSP-PHOS	45 GR		100 lb ai/a	222 lb/a		42 a	10060 a	
	28% Nitrogen	3 AL		40 lb ai/a	13.3 gal/a				
	Urea 46-0-0	46 GR		120 lb ai/a	260 lb/a				
LSD P=.10							6.5	1379.8	
Standard Deviation							4.7	1004.2	
CV							11.64	10.33	
Replicate F							0.544	1.352	
Replicate Prob(F)							0.6699	0.3437	
Treatment F							0.346	0.381	
Treatment Prob(F)							0.7209	0.6984	

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\*[C4]  
 T2 = [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.