

MSU Soil Fertility Research Program  
 EVALUATION OF OF WEST CENTRAL IN FURROW PRODUCTS IN SUGARBEETS  
 Trial ID: BV08-19      Location: SVRF      Trial Year: 2019  
 Investigator: Kurt Steinke  
 Project ID: WestCENTRAL

Crop Code						BEAVA	BEAVA	BEAVA	
Crop Name						Sugarbeet	Sugarbeet	Sugarbeet	
Crop Variety						Crystal 675	Crystal 675	Crystal 675	
Description						RWST	% Sugar	RWSA	
Rating Date						Oct-14-2019	Oct-14-2019	Oct-14-2019	
Rating Type						YIELD	YIELD	LBS RWSA	
Rating Unit						POUNDS	PERCENT	POUNDS	
Crop Stage Scale						HARVEST	HARVEST	HARVEST	
ARM Action Codes								T2	
Number of Decimals								0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	8	10	12
1	Untreated						279.75 ab	18.31 ab	7257 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
2	WC238		AL	2 fl oz/a	2 fl oz/a	INFUR	278.16 abc	18.12 bc	7488 a
	WATER		AL	5.98 gal/a	5.98 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
3	WC390		AL	2 gal/a	2 gal/a	INFUR	272.01 bc	17.80 c	7232 a
	WC238		AL	2 fl oz/a	2 fl oz/a	INFUR			
	WATER		AL	3.98 gal/a	3.98 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
4	WC390		AL	3 gal/a	3 gal/a	INFUR	283.74 a	18.48 ab	8048 a
	WATER		AL	3 gal/a	3 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
5	10-34-0		AL	3 gal/a	3 gal/a	INFUR	271.75 c	17.87 c	7924 a
	Blue Tsunami 10%zn		AL	1 qt/a	1 qt/a	INFUR			
	WATER		AL	2.75 gal/a	2.75 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
6	10-34-0		AL	3 gal/a	3 gal/a	INFUR	282.64 a	18.59 a	8501 a
	WC379		AL	2 qt/a	2 qt/a	INFUR			
	WATER		AL	2.5 gal/a	2.5 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
7	10-34-0		AL	3 gal/a	3 gal/a	INFUR	281.65 a	18.41 ab	8175 a
	WC379		AL	2 qt/a	2 qt/a	INFUR			
	WC238		AL	2 fl oz/a	2 fl oz/a	INFUR			
	WATER		AL	2.48 gal/a	2.48 gal/a	INFUR			
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a	2X2PL			
	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a	SD2-4LF			
LSD P=.10							7.829	0.378	1194.3
Standard Deviation							6.385	0.308	974.0
CV							2.29	1.69	12.48
Replicate F							12.158	14.693	11.969
Replicate Prob(F)							0.0001	0.0001	0.0002
Treatment F							2.352	3.915	1.001
Treatment Prob(F)							0.0745	0.0112	0.4546

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.

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Crop Code

BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US

Rating Type

YIELD = yield

Rating Unit

PERCENT = percent

ARM Action Codes

T2 = [C7]\*[C8]

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).  
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