

MSU Soil Fertility Research Program  
**EFFECTS OF STARTER AND FOLIAR APPLICATION ON SUGARBEET**  
 Trial ID: BV05-19      Location: SVRF      Trial Year: 2019  
 Investigator: Kurt Steinke  
 Project ID: ANDERBEET

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						EC	EC	T1	
Number of Decimals								0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	13	15	17
1	Diamond 6-24-6	AL		3.75 gal/a	3.75 gal/a	INFUR	273.95	17.91	8126 a
	MicroCarb ZMB	AL		1 qt/a	1 qt/a	INFUR			
	WATER	AL		2 gal/a	2 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			
	Korreckt	AL		1 gal/a	1 gal/a	L-June			
2	Diamond 6-24-6	AL		3.75 gal/a	3.75 gal/a	INFUR	288.72 a	18.73 a	8278 a
	MicroCarb ZMB	AL		1 qt/a	1 qt/a	INFUR			
	WATER	AL		2 gal/a	2 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			
	Korreckt	AL		1 gal/a	1 gal/a	L-June			
	Korreckt	AL		1 gal/a	1 gal/a	L-July			
3	Diamond 6-24-6	AL		3.75 gal/a	3.75 gal/a	INFUR	286.64 a	18.59 a	8245 a
	MicroCarb ZMB	AL		1 qt/a	1 qt/a	INFUR			
	WATER	AL		2 gal/a	2 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			
	Korreckt	AL		1 gal/a	1 gal/a	L-June			
	Korreckt	AL		1 gal/a	1 gal/a	L-July			
	Korreckt	AL		1 gal/a	1 gal/a	ML-Aug			
4	Diamond 6-24-6	AL		3.75 gal/a	3.75 gal/a	INFUR	286.68 a	18.59 a	8828 a
	MicroCarb ZMB	AL		1 qt/a	1 qt/a	INFUR			
	WATER	AL		2 gal/a	2 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	CHECK						282.36 a	18.34 a	7662 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			
LSD P=.10						7.086	0.414	1537.5	
Standard Deviation						5.467	0.319	1219.9	
CV						1.91	1.72	14.83	
Replicate F						0.588	1.192	0.429	
Replicate Prob(F)						0.6381	0.3668	0.7360	
Treatment F						0.958	1.034	0.466	
Treatment Prob(F)						0.4532	0.4229	0.7597	

Crop Code  
 BEAVA, BSUG, Beta vulgaris vulg. altissima, Sugarbeet = US  
 Rating Type  
 YIELD = yield

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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Rating Unit

PERCENT = percent

ARM Action Codes

EC = Do not analyze untreated check, while still reporting treatment mean on AOV Means Table

T1 = [C12]\*[C13]

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.