

MSU Soil Fertility Research Program

DRY BEAN RESPONSE TO MANGANESE

Trial ID: DB06-19 Location: SVRF Trial Year: 2019

Investigator: Kurt Steinke

Project ID: DBMAN

Crop Code							PHSSS
Crop Name							Bean
Description							lbs
Rating Date							Sep-25-2019
Rating Type							YIELD
Rating Unit							CWT
Crop Stage Scale							HARVEST
ARM Action Codes							TY3
Number of Decimals							1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage
							3
1	CHECK						20.9 a
	Urea 46-0-0	46	GR	60 lb ai/a	130 lb/a	PPI	
	GYP SUM	16	GR	25 lb ai/a	156 lb/a	PPI	
2	Manganese	0.612	AL	1 lb ai/a	1.63 gal/a	25 DAE	21.6 a
	Urea 46-0-0	46	GR	60 lb ai/a	130 lb/a	PPI	
	GYP SUM	16	GR	25 lb ai/a	156 lb/a	PPI	
3	Manganese	0.612	AL	1 lb ai/a	1.63 gal/a	25 DAE	23.1 a
	Manganese	0.612	AL	1 lb ai/a	1.63 gal/a	35 DAE	
	Urea 46-0-0	46	GR	60 lb ai/a	130 lb/a	PPI	
	GYP SUM	16	GR	25 lb ai/a	156 lb/a	PPI	
LSD P=.05							4.91
Standard Deviation							2.84
CV							12.98
Replicate F							1.036
Replicate Prob(F)							0.4416
Treatment F							0.649
Treatment Prob(F)							0.5556

Crop Code

PHSSS, BVBE, Phaseolus sp., Bean = US

Rating Type

YIELD = yield

Rating Unit

CWT = hundredweight (u.s.=100 lb)

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.