

MSU Soil Fertility Research Program

POTATO FERTILIZER PLACEMENT, GRANULAR AND LIQUID

Trial ID: PMRF02-13 Location: MRF Trial Year: 2013
 Investigator: Kurt Steinke
 Project ID: LIQUID POT

Crop Code								SOLTU	
Crop Name								Potato	
Crop Variety								FL 2137	
Description								harvest	
Rating Date								Sep-23-2013	
Rating Type								Total Yield	
Rating Unit								CWT	
Crop Stage Scale								T3	
ARM Action Codes								1	
Number of Decimals									
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Unit	Growth Stage	Appl Code	
									49
1	MAP 11-52-0	52	GR	120 lb ai/a	230 lb/a		BAND	B	349.7 a
	K2O 0-0-62	62	GR	100 lb ai/a	161 lb/a		BAND	B	
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		PPI	A	
	AS (21-0-0-24S)	21	GR	66 lb ai/a	314 lb/a		EMERGE	C	
	Urea 46-0-0	46	GR	134 lb ai/a	290 lb/a		HILL	D	
2	Pro Germinator	SL		12 gal/a	12 gal/a		2X2	E	278.7 b
	High NRG-N	SL		5.5 gal/a	5.5 gal/a		2X2	E	
	Sure K	SL		15 gal/a	15 gal/a		2X2	E	
	High NRG-N	SL		8 gal/a	8 gal/a		EMERGE	C	
	High NRG-N	SL		36.7 gal/a	36.7 gal/a		HILL	D	
3	MAP 11-52-0	52	GR	144 lb ai/a	277 lb/a		BAND	B	368.1 a
	K2O 0-0-62	62	GR	100 lb ai/a	161 lb/a		BAND	B	
	K2O 0-0-62	62	GR	50 lb ai/a	81 lb/a		PPI	A	
	AS (21-0-0-24S)	21	GR	64 lb ai/a	305 lb/a		EMERGE	C	
	Urea 46-0-0	46	GR	131 lb ai/a	285 lb/a		HILL	D	
4	Pro Germinator	SL		14.4 gal/a	14.4 gal/a		2X2	E	367.4 a
	High NRG-N	SL		4.6 gal/a	4.6 gal/a		2X2	E	
	Sure K	SL		15 gal/a	15 gal/a		2X2	E	
	High NRG-N	SL		8 gal/a	8 gal/a		EMERGE	C	
	High NRG-N	SL		36.7 gal/a	36.7 gal/a		HILL	D	
5	Pro Germinator	SL		12 gal/a	12 gal/a		2X2	E	336.5 a
	High NRG-N	SL		5.5 gal/a	5.5 gal/a		2X2	E	
	Sure K	SL		15 gal/a	15 gal/a		2X2	E	
	High NRG-N	SL		22 gal/a	22 gal/a		PRE	F	
	High NRG-N	SL		22.5 gal/a	22.5 gal/a		HILL	D	
LSD (P=.10)								52.35	
Standard Deviation								41.22	
CV								12.12	
Bartlett's X2								0.161	
P(Bartlett's X2)								0.997	
Skewness								-0.1273	
Kurtosis								-1.1022	
Replicate F								2.760	
Replicate Prob(F)								0.0925	
Treatment F								3.178	
Treatment Prob(F)								0.0578	

Crop Code
 SOLTU, BPOT, Solanum tuberosum, = US
 Rating Unit
 CWT = hundredweight (u.s.=100 lb)
 ARM Action Codes
 T3 = [C47]+[C48]+[C49]

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Yates=49