

MSU Soil Fertility Research Program
 RESPONSE OF POTATO WITH AGROCOTE N AND AGROCOTE K
 Trial ID: PMRF03-17 Location: MRP Trial Year: 2017
 Investigator: Kurt Steinke

Project ID: ICILPOT

Crop Code						SOLTU
Crop Name						Potato
Crop Variety						FL 2137
Description						harvest
Rating Date						Sep-11-2017
Rating Type						Total Yield
Rating Unit						CWT
Crop Stage Scale						
ARM Action Codes						
Number of Decimals						0
Trt No.	Treatment Name	Form Type	Rate Rate Unit	Other Other Rate Rate Unit	Growth Stage	
						26
1	TSP-PHOS	GR	80 lb ai/a	178 lb/a	APBAND	424 ab
	MOP 0-0-62	GR	190 lb ai/a	306 lb/a	PPI	
	MOP 0-0-62	GR	50 lb ai/a	81 lb/a	APBAND	
	GYP SUM	GR	500 lb/a	500 lb/a	PPI	
	Urea 46-0-0	GR	30 lb ai/a	65 lb/a	APBAND	
	Urea 46-0-0	GR	80 lb ai/a	174 lb/a	EMBAND	
	28% Nitrogen	AL	60 lb ai/a	20 gal/a	BHILL	
	MOP 0-0-62	GR	60 lb ai/a	97 lb/a	BHILL	
	28% Nitrogen	AL	55 lb ai/a	18.3 gal/a	7-10DAH	
2	TSP-PHOS	GR	80 lb ai/a	178 lb/a	APBAND	382 b
	MOP 0-0-62	GR	115 lb ai/a	185 lb/a	PPI	
	MOP 0-0-62	GR	50 lb ai/a	81 lb/a	APBAND	
	GYP SUM	GR	500 lb/a	500 lb/a	PPI	
	Urea 46-0-0	GR	30 lb ai/a	65 lb/a	APBAND	
	Urea 46-0-0	GR	80 lb ai/a	174 lb/a	EMBAND	
	28% Nitrogen	AL	35 lb ai/a	11.7 gal/a	BHILL	
	MOP 0-0-62	GR	60 lb ai/a	97 lb/a	BHILL	
	28% Nitrogen	AL	30 lb ai/a	10 gal/a	7-10DAH	
3	TSP-PHOS	GR	80 lb ai/a	178 lb/a	APBAND	426 ab
	K2O Agrocote	GR	250 lb ai/a	430 lb/a	PPI	
	K2O Agrocote	GR	50 lb ai/a	86 lb/a	APBAND	
	GYP SUM	GR	500 lb/a	500 lb/a	PPI	
	Urea 46-0-0	GR	30 lb ai/a	65 lb/a	APBAND	
	Urea 46-0-0	GR	80 lb ai/a	174 lb/a	EMBAND	
	28% Nitrogen	AL	60 lb ai/a	20 gal/a	BHILL	
	28% Nitrogen	AL	55 lb ai/a	18.3 gal/a	7-10DAH	
4	TSP-PHOS	GR	80 lb ai/a	178 lb/a	APBAND	
	K2O Agrocote	GR	175 lb ai/a	302 lb/a	PPI	
	K2O Agrocote	GR	50 lb ai/a	86 lb/a	APBAND	
	GYP SUM	GR	500 lb/a	500 lb/a	PPI	
	Urea 46-0-0	GR	30 lb ai/a	65 lb/a	APBAND	
	Urea 46-0-0	GR	80 lb ai/a	174 lb/a	EMBAND	
	28% Nitrogen	AL	35 lb ai/a	11.7 gal/a	BHILL	
	28% Nitrogen	AL	30 lb ai/a	10 gal/a	7-10DAH	
5	TSP-PHOS	GR	80 lb ai/a	178 lb/a	APBAND	311 c
	K2O Agrocote	GR	250 lb ai/a	430 lb/a	PPI	
	K2O Agrocote	GR	50 lb ai/a	86 lb/a	APBAND	
	GYP SUM	GR	500 lb/a	500 lb/a	PPI	
	Urea 46-0-0	GR	30 lb ai/a	65 lb/a	APBAND	
	Agrocote N	GR	195 lb ai/a	464 lb/a	EMBAND	

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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	Agrocote N	GR	145 lb ai/a	345 lb/a		EMBAND
7	TSP-PHOS	GR	80 lb ai/a	178 lb/a		APBAND
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	MOP 0-0-62	GR	60 lb ai/a	97 lb/a		BHILL
LSD P=.10						46.8
Standard Deviation						38.2
CV						10.2
Replicate F						4.406
Replicate Prob(F)						0.0172
Treatment F						8.434
Treatment Prob(F)						0.0002

Crop Code

SOLTU, BPOT, Solanum tuberosum, Potato = US

Rating Unit

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