Rhinelander UW ARS Potato Trial (2016)

UW Ag Research Station - Rhinelander, WI

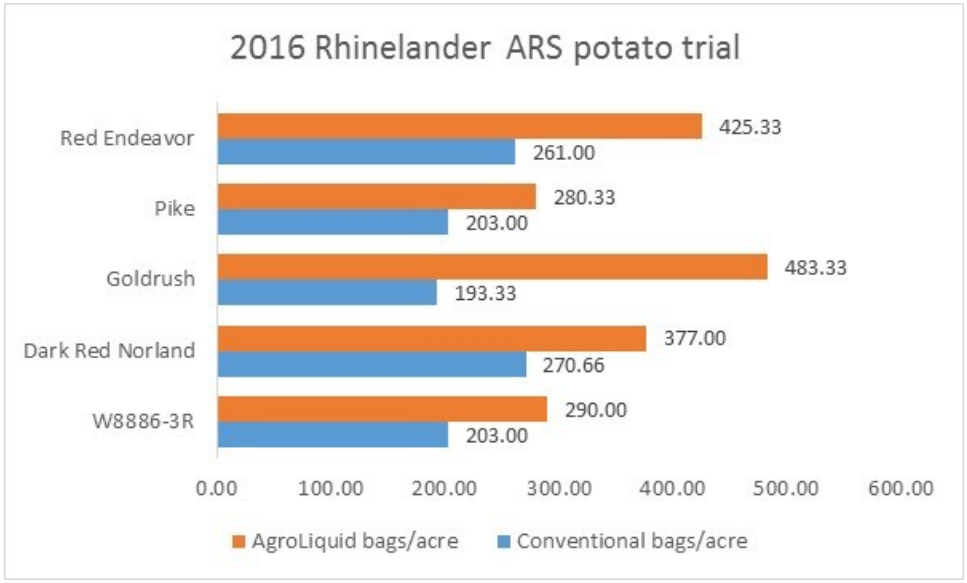
Experiment Info:	
Planted:	
Harvest:	
Yield Goal:	400
Target Fert.:	108-108-108
Variety:	0
Population:	
Row Width:	
Prev. Crop:	0
Plot Size:	
Replications:	

Soil Test Values (ppm):
pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

This was a trial to compare potato yield (in 100# bags/acre) resulting from the ARS applied standard commodity dry fertilizer program and from an AgroLiquid fertilizer program.

The commodity dry fertilizer program applied by the ARS staff was 900 lbs/acre of a 12-12-12 blend, preplant incorporated, resulting nutrient applied of 108-108-108. The AgroLiquid program totaled 8 gpa ProGerminator, 2 gpa Sure K, 0.5 gpa Micro 500, and 10 gpa 32% UAN applied at hilling.



Conclusions:

The AgroLiquid treatment outyielded the commodity dry fertilizer program by a large margin, resulting in substantially more yield in all 5 varieties, and 150% more on the Goldrush variety. The average weight per tuber was 24% more on the AgroLiquid treated varieties compared to the dry fertilizer.