Rhinelander UW ARS Potato Trial - Graded size (2016)

UW Ag Research - Rhinelander, Wisconsin

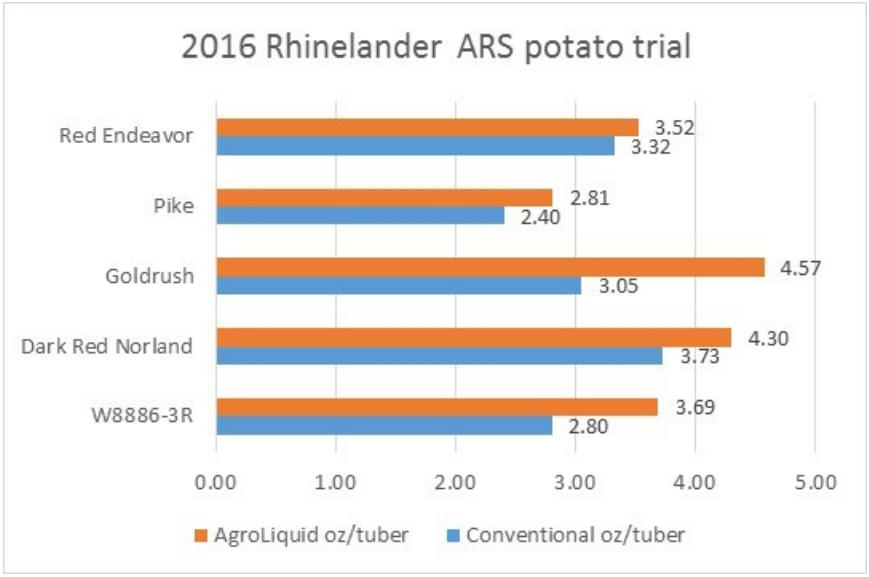
Experiment Info:
Planted:
Harvest:
Yield Goal:
Target Fert.:
Variety:
Population:
Row Width:
Prev. Crop:
Plot Size:
Replications:

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) and grade (number of tubers, size of tubers) 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. The AgroLiquid program totaled 8 gpa ProGerminator, 2 gpa Sure K, 0.5 gpa Micro 500, and 10 gpa 32% UAN,



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. See PFE16_25 for bags/acre yield report.