

In-furrow Starter Comparison in Potatoes

Manitoba 2020

Experiment Info:

Planted:	
Harvest:	
Yield Goal:	455 cwt
Target Fert.:	
Variety:	Russet
Population:	
Row Width:	
Prev. Crop:	
Plot Size:	

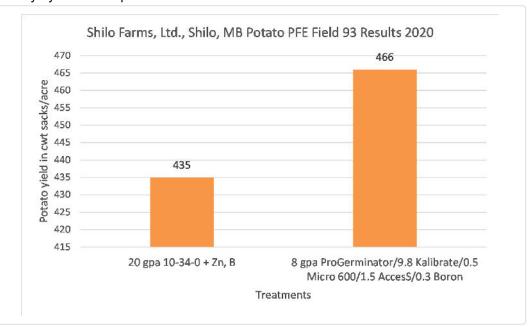
Soil Test Values (ppm):

Replications:

pH:	7.3
CEC:	7.8
%OM:	1.3
Bray P1:	
Bicarb P:	14
K:	127
S:	18
%K:	4.2
%Mg:	25.5
%Ca:	67.9
%H:	0
Zn:	2.1
Mn:	4.2
B:	0.3
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Objective:

Create an in-furrow potato starter blend that would yield better than the grower's standard of 20 gpa 10-34-0 + micros and demonstrate to the grower that a lower rate of Pro-Germinator could perform as well as or better than a much higher rate of 10-34-0. This was a direct side-by-side comparison with treatment areas measured and truck loads segregated at harvest. The trial was administered entirely by the farm's personnel.



Conclusions:

• The AgroLiquid starter blend significantly outperformed the grower's standard, improving potato yield by 31 sacks, or 3,100 pounds/acre. The quality of the potatoes was also improved, with the AgroLiquid treatment having zero hollow-heart against the 10-34-0 at 1.5%. This trial continues to prove the efficacy of AgroLiquid in-furrow programs in potatoes.