



In-Furrow Fertilizer Comparison on Potatoes (20-304)

Experiment Info:

Planted:	5/22/2020
Harvest:	10/20/2020
Yield Goal:	ton/A
Target Fert.:	
Variety:	Norkotah
Population:	18,449
Row Width:	34"
Prev. Crop:	Other
Plot Size:	34" X 25'
Replications:	4

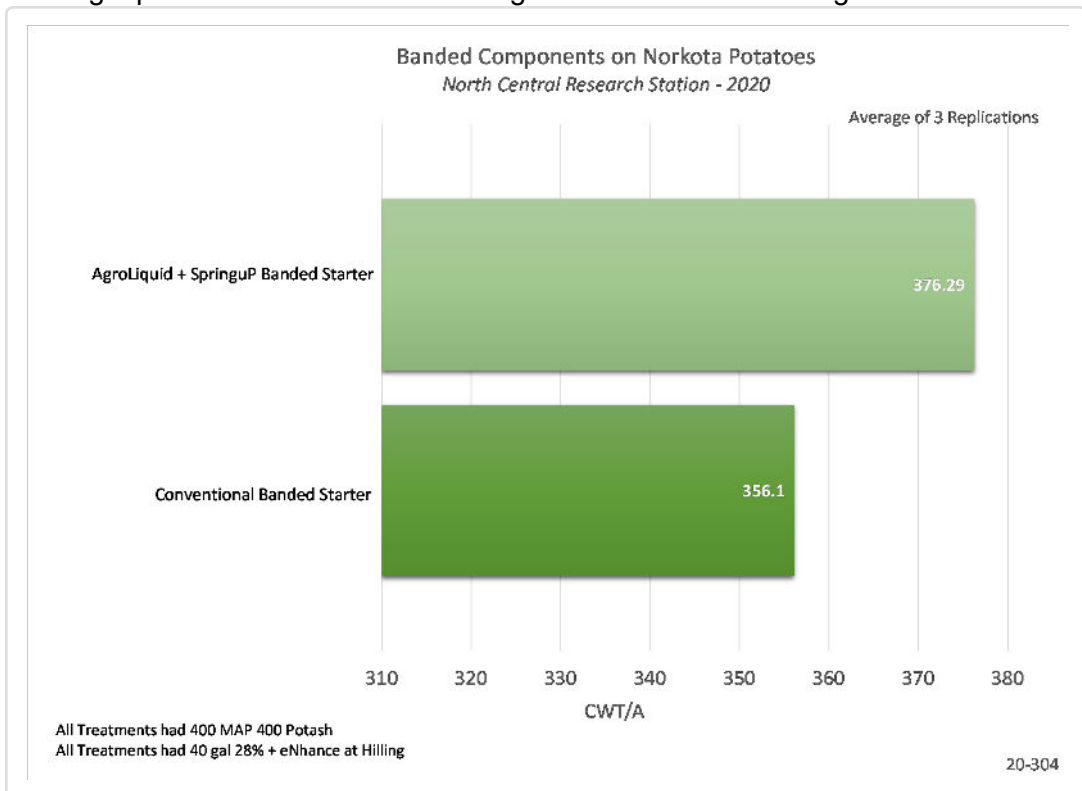
Soil Test Values (ppm):

pH:	5.9
CEC:	7.1
%OM:	1.6
Bray P1:	16
Bicarb P:	
K:	47
S:	16
%K:	1.7
%Mg:	14.4
%Ca:	65.4
%H:	17.2
Zn:	1.4
Mn:	5
B:	.4

Objective:

To compare different In-furrow planter fertilizer programs.

We looked at and replicated different potato in-furrow fertilizer programs that are used in the Western US on different Russet varieties. In this study we compared a conventional liquid program against an AgroLiquid program. The whole study had a dry application applied pre-plant incorporated of 400 lbs of potash and 400 lbs of MAP. The AgroLiquid treatment had 5 gal PrimAgro N + 8 gal of SpringuP + 4 gal Kalibrate + 0.5 gal Micro 500 + 0.5 gal SCalate + 0.5 gal of Monty's Carbon. The Conventional Treatment had 10 gal of 28% + 20 gal of 10-34-0 + 8 gal potassium thiosulfate + 0.25 gal EDTA 9% Mn + 0.25 gal EDTA 9% Zn.



Conclusions:

- The AgroLiquid banded treatment had a yield that was 20 cwt/a higher than that of the conventional banded treatment
- The flavonol polymer of AgroLiquids products allow the plant to be able to take up the nutrients more easily