Effect of Agroliquid Fertilizer on Potato Yeild and Quality

Miller Research Experimental Farm, Acequia, ID (Ferrin Field)

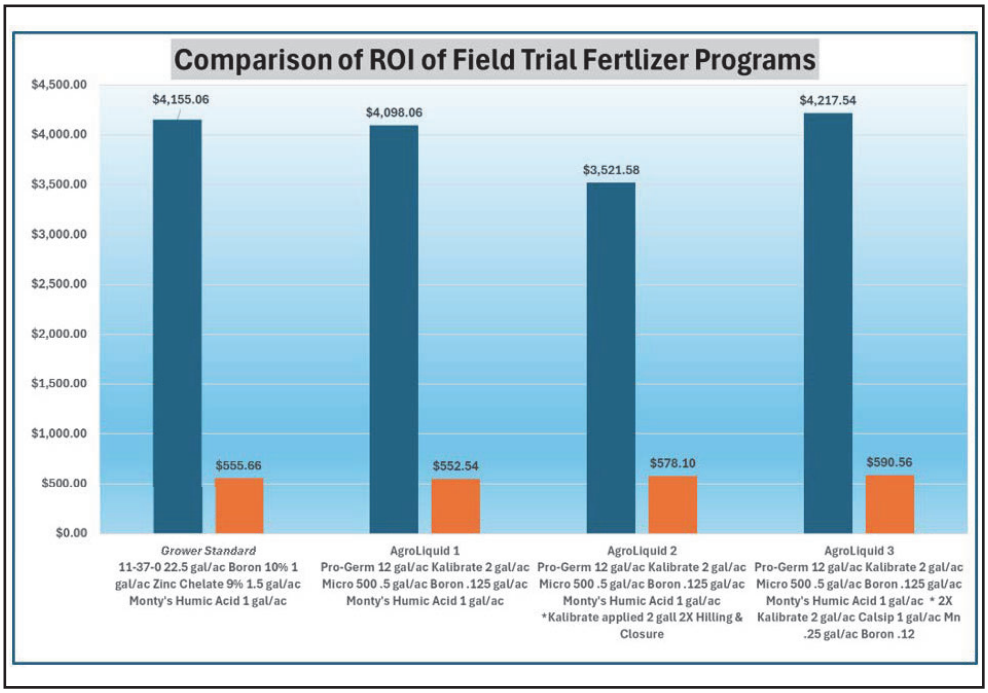
Experiment Info
Planted:
Harvested:
Yield Goal:
Variety:
Pop.:
Row Width:
Prev. Crop:
Plot Size:
Reps:

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

Objective:

Evaluate AgroLiquid liquid fertilizer programs (3 formulations) vs. a grower standard for their effects on ROI of Russet Burbank potatoes.

Specifically does in-furrow application of K at hilling and row closure increase, yield and quality and what impact that may have on ROI for the grower. (Agroliquid 2 & 3)



stats

Conclusions:

- Gross yield per acre there is statistically no difference from any of the treatments.
- All blocks are very high yielding
- Agroliquid 3 produced 5% more marketable fruit than the grower standard.
- The additional in-furrow application of Agroliquid 3 with Calsip, Mn and Boron helps tuber development to produce a more marketable tuber.
- **Agroliquid # 3 ROI was $62.50/ac more than the grower standard**
- Calcium applications during tuber development has significant influence on the marketability of potatoes at harvest and increases the ROI for the grower by $62.50/ac over the grower standard.