Evaluation of Potato Fertility Size Summary

Collins Ag Research, Hermiston, OR

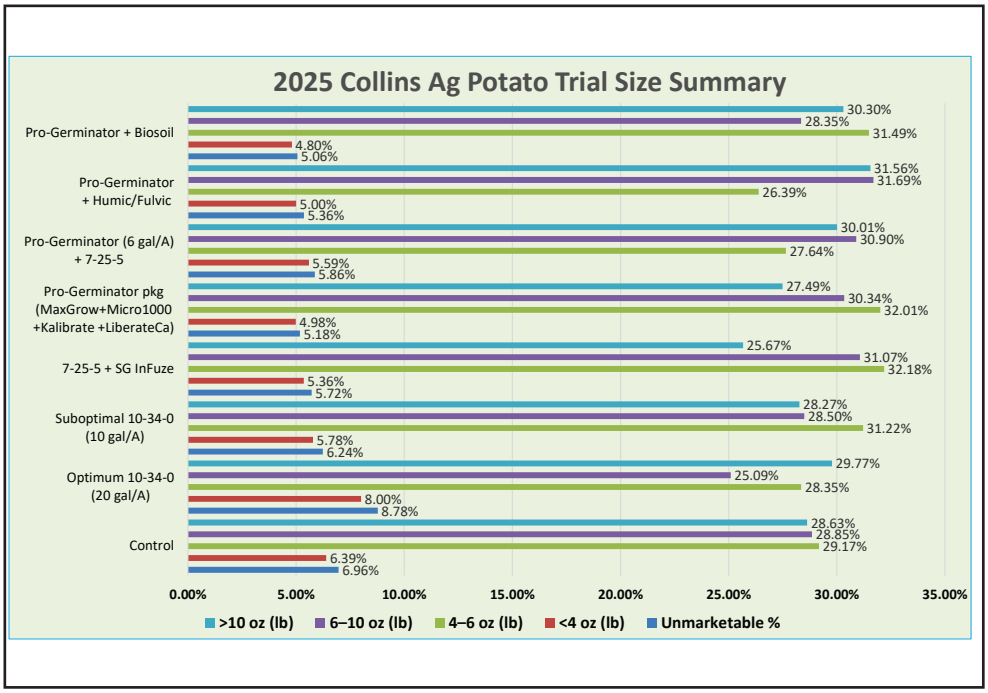
Experiment Info	
Planted:	4/22/26
Harvested:	9/8/26
Yield Goal:	625
Variety:	Ranger
Pop.:	
Row Width:	34
Prev. Crop:	
Plot Size:	11'x20'
Reps:	5

Soil Test (ppm)	
pH:	4.8
CEC:	6.5
%OM:	1.5
Bray P1:	48
Bicarb P:	26
K:	367
S:	62
%K:	14..6
%Mg:	25.4
%Ca:	57.3
%H:	
Zn:	4
Mn:	18
B:	4

Objective:

Compare the value of integrating biological and/or specialty fertility products such as Pro-Germinator, MaxGrow, Micro 1000, Kalibrate, LiberateCA Monty's Fulvic/Humic Acid and Biosoil into a potato fertility program along with 10-34-0 with High rate at planting (20 gallon/ac) and low rate 10-34-0 at planting (10 gallon/ac).

How does this effect the size of the potato.



stats

Conclusions:

- Size of the potatoes varied little between applications
- The higher rate of 10-34-0 produced a higher percentage of unmarketable and small potatoes.
- Pro-Germ w/ LIberateCA and GrowMax produced the highest percentage of 4 oz. and larger potatoes than the control or low rate of 10-34-0
- Pro-Germ with MaxGrow and LiberateCA produced 94.82% marketable fruit.