



Potato Fertility Program Comparison

Newton, MN

Experiment Info:

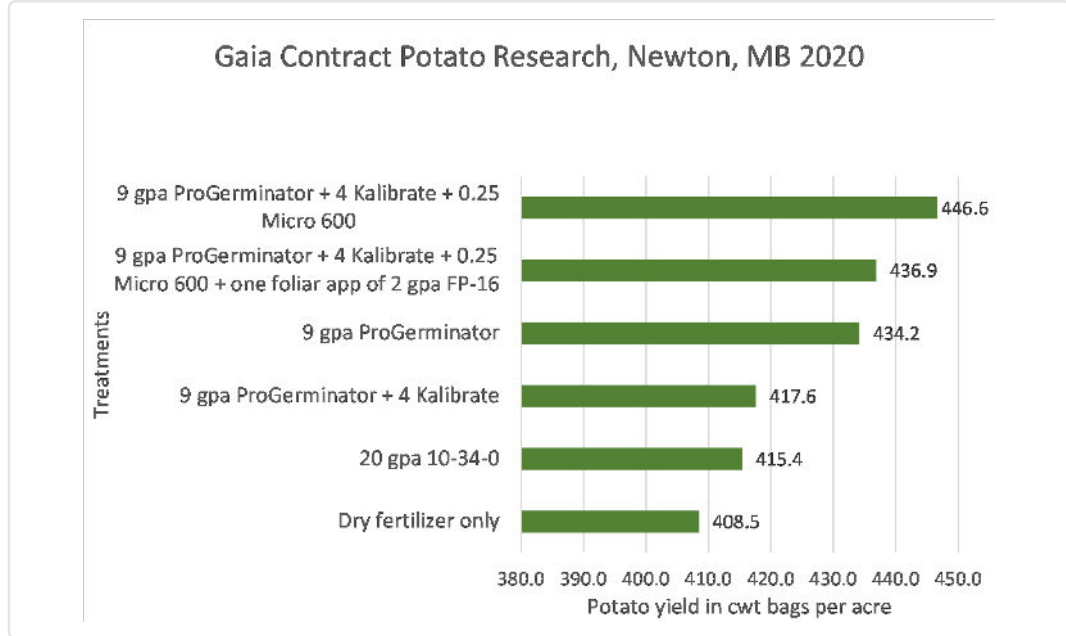
Planted:
Harvest:
Yield Goal:
Target Fert.:
Variety:
Population:
Row Width:
Prev. Crop:
Plot Size:
Replications:

Soil Test Values (ppm):

pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

Many observations from customers has been that ProGerminator outperforms 10-34-0 in potatoes, often using significantly less ProGerminator than 10-34-0. The primary objective of this contract research was to gather more actual measured data about this. This trial was conducted by Gaia Consulting, a respected contract research firm in the heart of Manitoba's primary potato growing region. A secondary objective was to determine the effectiveness of Micro 600 in higher pH soils.



Conclusions:

This replicated research proved that a 9 gpa planter rate of straight ProGerminator does indeed outperform a 20 gpa planter rate 10-34-0, in this case by nearly a ton more potatoes per acre. In this trial the addition of Kalibrate did not further increase yield, here it actually decreased yield vs straight ProGerminator. However, the addition of Micro 600 to the ProGerminator/Kalibrate blend was a home run, increasing yield over the 10-34-0 by nearly 1.6 tons/acre of potatoes. The efficacy of ProGerminator in potatoes is well established, and once again proven in the field as here. Clearly Micro 600 should be including in the planter blend, especially on higher pH soils.