



# In-furrow vs. stream-on treatments in Canola 2022

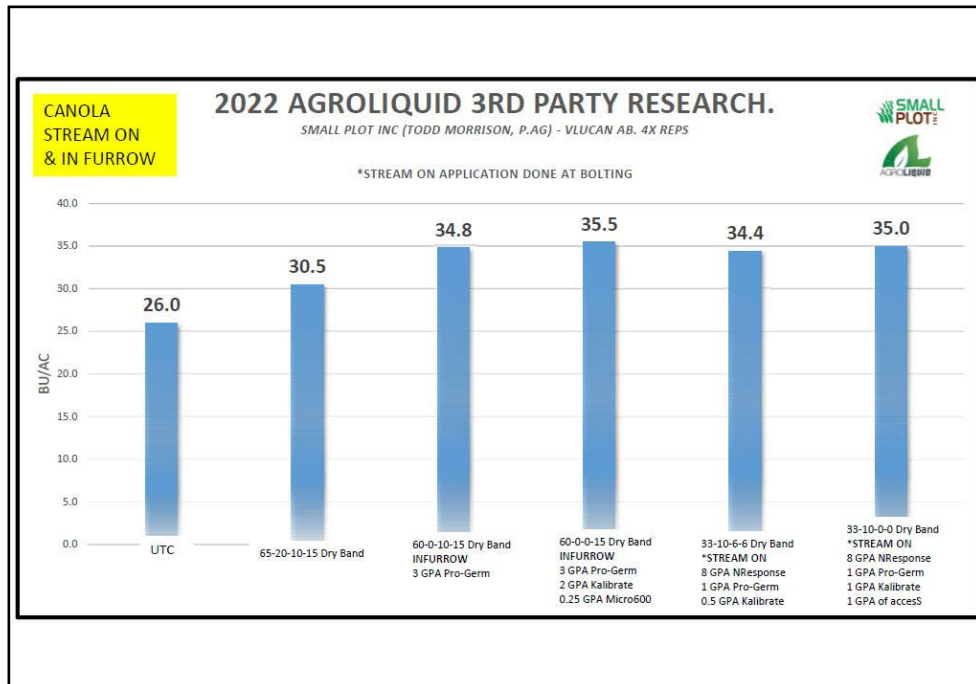
Small Plot, Inc. Lethbridge, Alberta

Experiment Info	
Planted:	5/27/22
Harvested:	11/3/22
Yield Goal:	
Variety:	
Pop.:	
Row Width:	
Prev. Crop:	
Plot Size:	
Reps:	4x8 M

## Objective:

In the western prairie provinces of Canada more than 20 million acres of Canola are grown. Most of the canola planters are not equipped to place fertilizer in-furrow at planting. A popular liquid fertilizer application method is using streamer bars or nozzles on self-propelled sprayers. The goal in this trial was to investigate whether in-furrow and streaming Agroliquid liquid fertilizer (at bolting) replacing part of the dry fertilizer program would provide equal or better yields compared to dry fertilizer alone.

Soil Test (ppm)	
pH:	7.7
CEC:	35
%OM:	3.15
Bray P1:	
Bicarb P:	15
K:	405
S:	13
%K:	3.45
%Mg:	19.75
%Ca:	76.6
%H:	0
Zn:	1.85
Mn:	40.25
B:	0.65



stats

## Conclusions:

The standard dry fertilizer provided a small yield increase vs the untreated control. All of the in-furrow and streaming combinations resulted in significant yield increases over the dry fertilizer alone, with the best by a small margin the in-furrow blend of Pro-Germ, Kalibrate, and Micro 600. This trial demonstrates the value of Agroliquid in-furrow and streamed-on treatments replacing part of the dry fertilizer program.