



Fertilizer Additives for Corn

Fingerlakes Agronomic: Seneca Falls, NY

Experiment Info:

Planted:	5-28-2019
Harvest:	11-5-2019
Yield Goal:	175
Target Fert.:	
Variety:	
Population:	36000
Row Width:	30 in
Prev. Crop:	soybean
Plot Size:	0.2 acre
Replications:	1

Soil Test Values (ppm):

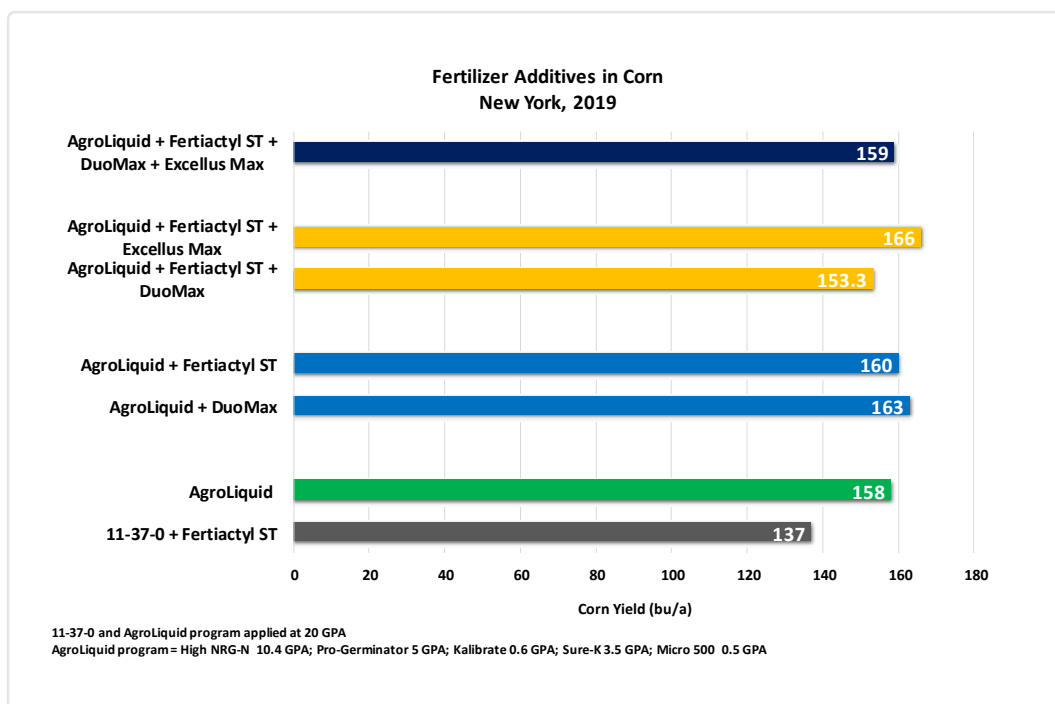
pH:	6.2
CEC:	13.4
%OM:	4.8
Bray P1:	26
Bicarb P:	
K:	118
S:	
%K:	2
%Mg:	21
%Ca:	64.9
%H:	2.31
Zn:	
Mn:	
B:	

Objective:

The objective of the trial was to compare an AgroLiquid planter program to 11-37-0, and evaluate the effectiveness of several additives and seed treatments to the AgroLiquid program to determine the effect on corn yield.

AgroLiquid program applied 2X2: High NRG-N 10.4 GPA; Pro-Germinator 5 GPA; Kalibrate 0.6 GPA; Sure-K 3.5 GPA; Micro 500 0.5 GPA.

Fertiactyl ST = zinc based seed treatment, DuoMax = fertilizer stabilizer, Excellus Max = nitrogen stabilizer.



Conclusions:

- The AgroLiquid fertilizer program provided higher corn yield than 11-37-0.
- Effects of Fertiactyl seed treatment, DuoMax and Excellus Max were variable in this trial. Although yield in some combinations with the AgroLiquid program was higher than the yield in the AgroLiquid treatment there was no consistency or additive value to the combinations.