

**Experiment Info:**

Planted:	5/29/2014
Harvest:	10/23/2014
Yield Goal:	30 ton/A
Target Fert.:	120-39-34
Variety:	RR202MP
Population:	48,000
Row Width:	30"
Prev. Crop:	Wheat
Plot Size:	15 X 265
Replications:	4
Potash:	10/29/2013
Liquid BC:	5/30/2014

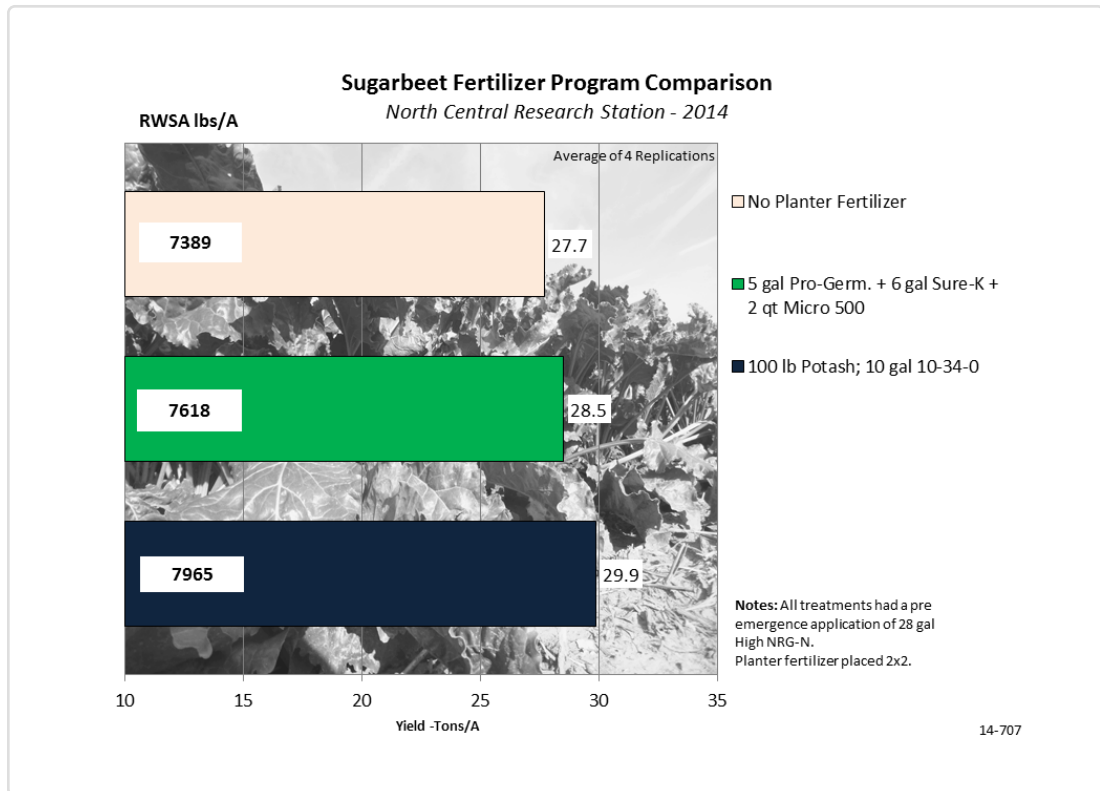
**Soil Test Values (ppm):**

pH:	6.6
CEC:	16.8
%OM:	2.5
Bray P1:	15
Bicarb P:	-
K:	163
S:	11
%K:	2.5
%Mg:	19.6
%Ca:	71.7
%H:	5.8
Zn:	1.4
Mn:	7
B:	0.6

**Objective:**

To compare AgroLiquid vs conventional fertilizer programs.

This is the tenth year in comparing sugarbeet yields using AgroLiquid planter programs. This years experiment site required 5 gal/A Pro-Germinator + 6 gal/A Sure-K + 2 qt/A Micro 500 (2x2 planter) to meet soil recommendations. This AgroLiquid treatment was compared to a 100 lbs/A Potash (fall broadcast) with 10 gal/A 10-34-0 (2x2 planter) treatment and a no planter treatment. All experiment treatments received 28 gal/A of High NRG-N to supply the nitrogen needs of the sugarbeets. Plot yields were averaged across the four replications and appear as tons/A in the chart below. Sugarbeet samples were taken from each plot and sent to Michigan Sugar for sucrose analysis. Recoverable sugar is reported in pounds per acre on each bar in the chart below.



LSD(0.2) 2.1, CV: 7.4%

**Conclusions:**

- No significant yield advantage was realized between program comparisons nor between a no planter fertilizer treatment.
- The AgroLiquid program yielded 1.4 tons/A less than the conventional program this year. Previous year comparisons may be found in preceding research reports which shows the AgroLiquid program multi year advantage.