

**Experiment Info:**

Planted:	5/14/2014
Harvest:	10/17/2014
Yield Goal:	200 bu/A
Target Fert.:	220-0-109
Variety:	DKC 53-56 RIB
Population:	38,000
Row Width:	30"
Prev. Crop:	Sugarbeets
Plot Size:	15 x 290
Replications:	4
Sidedress:	6/10/2014

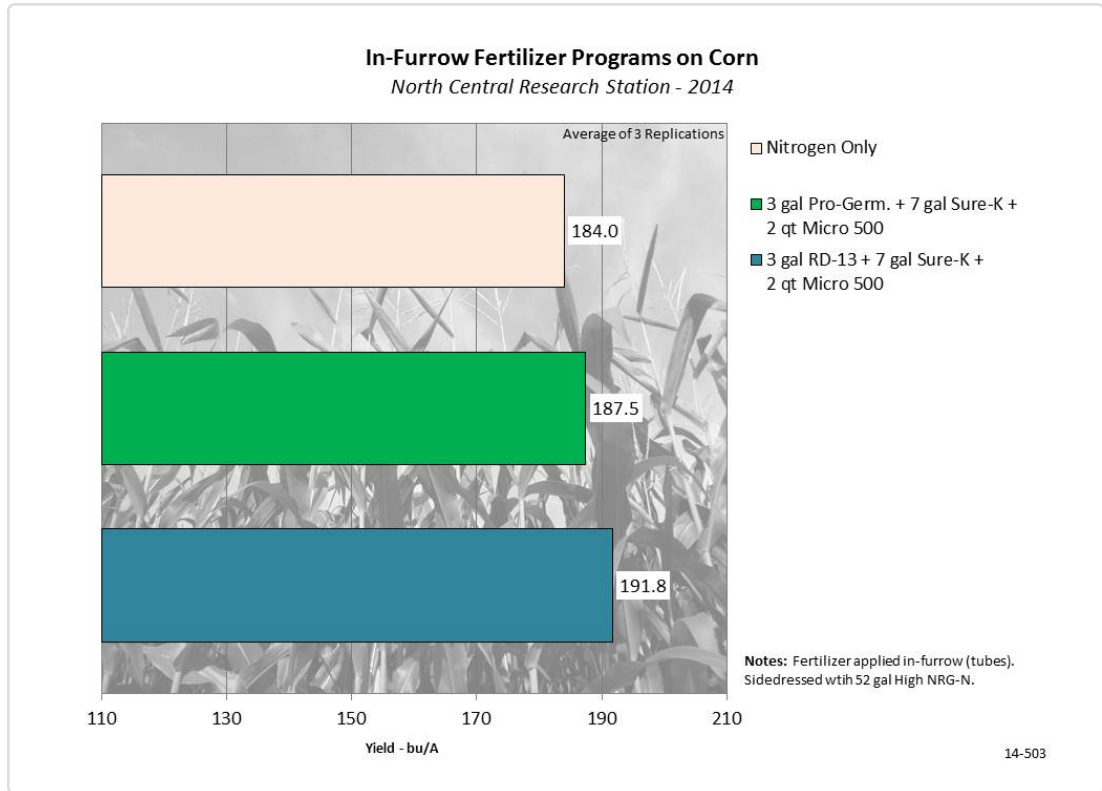
**Soil Test Values (ppm):**

pH:	7.2
CEC:	8.5
%OM:	1.8
Bray P1:	34
Bicarb P:	24
K:	72
S:	10
%K:	2.2
%Mg:	26.3
%Ca:	70.2
%H:	0
Zn:	1.3
Mn:	6
B:	0.6

**Objective:**

To compare phosphorus fertilizer products when used as an in-furrow planter application.

Pro-Germinator has been an excellent phosphorus source for AgroLiquid for many years. In-furrow placement on corn has proven to be very safe and beneficial to enhancing yields. Agro-Culture Liquid Fertilizers continues to develop and test new experimental products against current product offerings. A new experimental phosphorus product, RD-13, was tested in this experiment and compared to Pro-Germinator at 3 gal/A. Both treatments also contained 7 gal/A Sure-K + 2 qt/A Micro 500. All nutrients were placed in-furrow with tubes and 52 gal/A High NRG-N was sidedressed on all treatments. Yields for the comparisons appear on the chart below.



**Conclusions:**

- The experimental, RD-13 + Sure-K + Micro 500 treatment provided a significant yield advantage over the nitrogen only treatment. Further testing will continue with this experimental phosphorus product.
- An in-furrow planter program allows for increased yields, although not economical here.