

Experiment Info:

Planted:	5/25/2014
Harvest:	10/30/2014
Yield Goal:	175 bu/A
Target Fert.:	193-70-8
Variety:	DKC 49-29 RIB
Population:	30,000
Row Width:	30"
Prev. Crop:	Soybeans
Plot Size:	15 x 265
Replications:	4
Sidedress:	6/27/2014

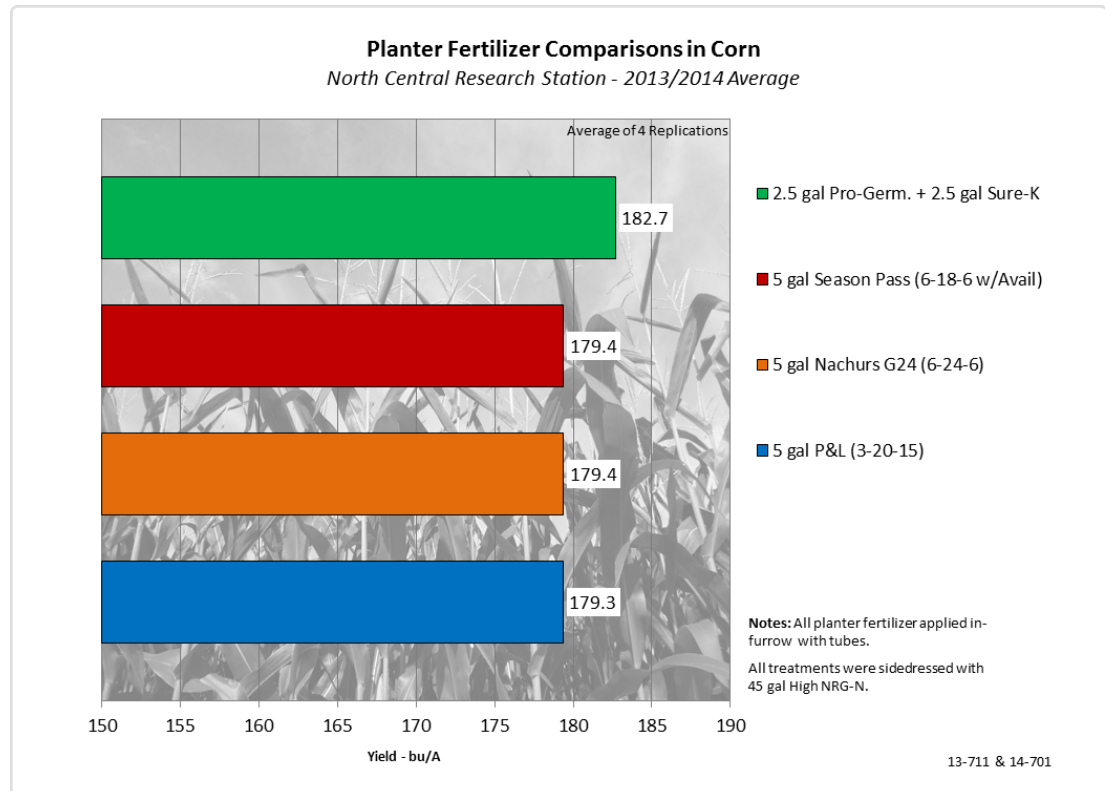
Soil Test Values (ppm):

pH:	6.2
CEC:	14.9
%OM:	2.7
Bray P1:	14
Bicarb P:	-
K:	146
S:	11
%K:	2.5
%Mg:	16.9
%Ca:	68.2
%H:	12
Zn:	1.3
Mn:	13
B:	0.6

Objective:

Evaluation of corn yield response to different in-furrow fertilizer sources.

There are many options for planter fertilizer programs in corn to provide phosphorus close to the seed to promote early growth and development which aids in producing higher yielding corn. A second year of testing was done at the NCRS comparing a 2.5 gal/A of Pro-Germinator + 2.5 gal/A of Sure-K to three competitor products: Season Pass (6-18-6 w/Avail), Nachurs G24 (6-24-6) and P&L (3-20-15). Each product was applied at a total volume of 5 gal/A and was placed in-furrow with tubes. All treatments were sidedressed with 45 gal/A of High NRG-N. Yields appear on the chart below.



Conclusions:

- After two years of testing, all four fertilizer programs provided similar yields, exceeding the yield goal of 175 bu/A corn.
- Numerically, the combination of Pro-Germinator and Sure-K yielded the highest with yields nearly 183 bu/A.