



Fertilizer Programs on Navy Beans (15-706)

Experiment Info:

Planted:	6/1/2015
Harvest:	9/21/2015
Yield Goal:	30 cwt/A
Target Fert.:	34-51-0
Variety:	T9905
Population:	105,000
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	15 x 265
Replications:	2
LBC (PRE)	6/11/2015

Soil Test Values (ppm):

pH:	6.4
CEC:	13.1
%OM:	2
Bray P1:	12
Bicarb P:	-
K:	160
S:	15
%K:	3.1
%Mg:	19.8
%Ca:	67.2
%H:	9.1
Zn:	1.2
Mn:	10
B:	0.8

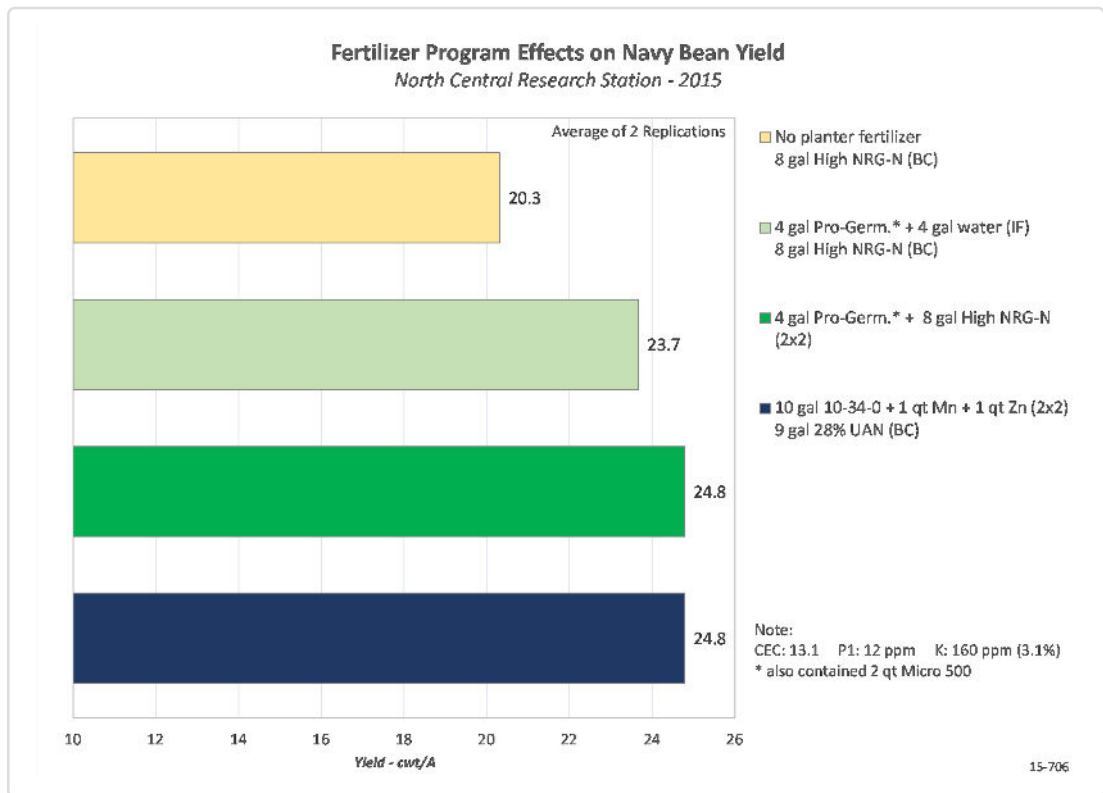
Objective:

Comparisons of navy bean fertilizer programs.

AgroLiquid offers farmers an easier way to apply fertilizer, either with more acres between fill-ups or fewer trips across the field. This navy bean experiment was established to compare two AgroLiquid placement options to a conventional fertilizer program.

AgroLiquid was applied either (1) Pro-Germinator if-furrow with the High NRG-N broadcast or (2) all in one pass with Pro-Germinator and High NRG-N applied 2x2. These were compared to a conventional fertilizer program with 10-34-0 applied 2x2 and 28% UAN applied broadcast.

Yield results appear on the chart below.



LSD(0.2)4.3, CV: 14.3%

Conclusions:

- All fertilizer programs increased navy bean yield over the nitrogen only program.
- The in-furrow application of Pro-Germinator did yield slightly lower than a complete 2x2 fertilizer program.
- The complete 2x2 AgroLiquid program yielded the same as the conventional fertilizer program with fewer applications.