

Experiment Info:

Planted:	6/5/2014
Harvest:	9/29/2014
Yield Goal:	30 cwt/A
Target Fert.:	34-66-64
Variety:	T9905
Population:	110,000
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	15 x 265
Replications:	4
Dry BC:	6/4/2014

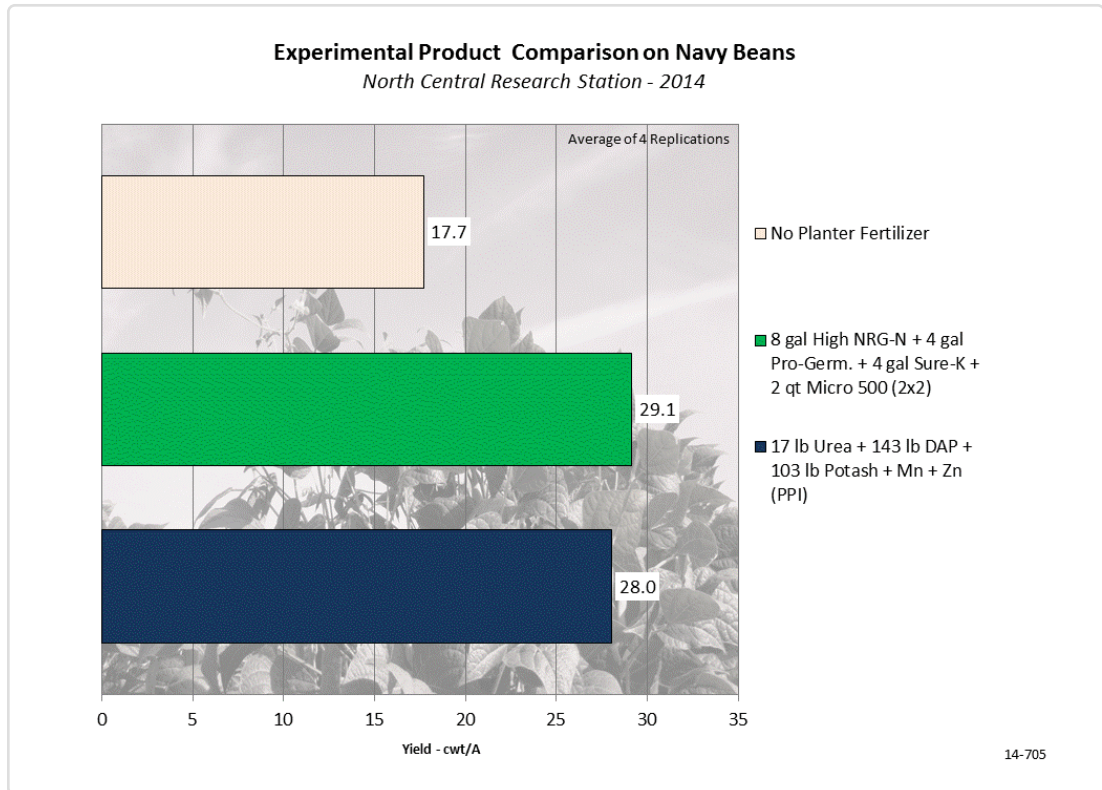
Soil Test Values (ppm):

pH:	6.6
CEC:	11.3
%OM:	1.9
Bray P1:	9
Bicarb P:	-
K:	106
S:	11
%K:	2.4
%Mg:	20.5
%Ca:	70.2
%H:	6.4
Zn:	1
Mn:	10
B:	0.5

Objective:

To compare a soil test recommended Agro-Culture Liquid Fertilizers program to a conventional dry fertilizer program on navy beans.

The AgroLiquid program consisted of 8 gal/A High NRG-N + 4 gal/A Pro-Germinator + 4 gal/A Sure-K + 2 qt/A Micro 500 placed 2x2 with the planter. This program was compared to conventional dry fertilizers consisting of 17 lb/A Urea + 143 lb/A DAP + 103 lb/A Potash + Mn + Zn applied pre-plant incorporated. Navy Beans were planted into a conventional tilled soil on June 5th at a population of 110,000 in 30" rows. These same treatments are applied nearly every year to continually prove the effectiveness of AgroLiquid nutrition. All rates were applied according to the target fertilizer rate of 34-66-64. Yields of the comparison and a no fertilizer check appear on the chart below.



Conclusions:

- The AgroLiquid program shows over a one hundred pound/A yield advantage over that of conventional dry fertilizer.
- A liquid program using safe and highly efficient nutrients from Agro-Culture Liquid Fertilizers that is easy to apply with a planter gives plants an advantage.
- Applying less pounds of nutrients saves time and handling.