



Milo Nitrogen Programs (15-206)

Experiment Info:

Planted:	6/2/2015
Harvest:	10/23/2015
Yield Goal:	120 bu/A
Target Fert.:	120-17-130
Variety:	87P06
Population:	81,000
Row Width:	30"
Prev. Crop:	Sunflowers
Plot Size:	15 x 125
Replications:	1
LBC (PRE)	5/3/2015

Soil Test Values (ppm):

pH:	7
CEC:	6.1
%OM:	1.2
Bray P1:	21
Bicarb P:	10
K:	42
S:	11
%K:	1.8
%Mg:	19.3
%Ca:	78.1
%H:	0
Zn:	0.5
Mn:	4
B:	0.4

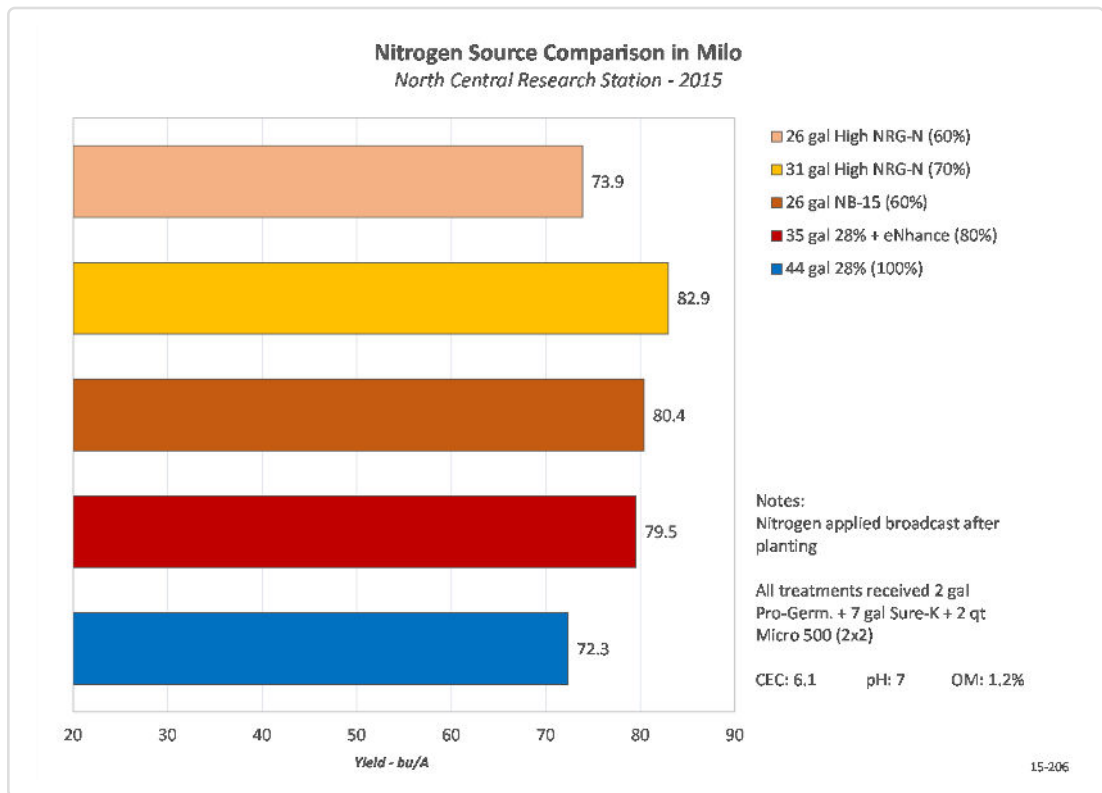
Objective:

Comparison of nitrogen sources applied broadcast after planting for milo.

Nitrogen source and rates were compared in this experiment to help determine the best management program to grow milo (grain sorghum).

Four nitrogen sources: High NRG-N, 28% + eNhance, 28%, and experimental product NB-15 were applied broadcast after planting to apply 130 equivalent pounds of nitrogen per acre. Additionally, High NRG-N was applied at two equivalent rate structures, using both the 60% and 70% efficiency rate.

Yields appear on the chart below.



Conclusions:

- All milo yields were lower than normal due to a drier season and bird damage.
- High NRG-N at the 60% rate structure, yielded similar to 28%, while applying 18 less gallons per acre.
- Highest yield was achieved with the 70% rate of High NRG-N, nearly 10 bu/A higher than the 60% rate.
- The experimental product NB-15 yielding similar to 28% + eNhance, 9 less gallons per acre being applied.