Nitrogen Topdress Options in Wheat
Blenheim, ON

Experiment Info:	
Planted:	10/28/2014
Harvest:	7/20/2015
Yield Goal:	100 bu/a
Target Fert.:	120-25-0
Variety:	-
Population:	-
Row Width:	7"
Prev. Crop:	42129
Plot Size:	0.75 acres
Replications:	1
Topdress:	5/5/2015

Soil Test Values (ppm):	
pH:	6.9
CEC:	20
%OM:	4.5
Bray P1:	66
Bicarb P:	0
K:	216
S:	18
%K:	2.8
%Mg:	12.9
%Ca:	78.2
%H:	5.8
Zn:	4.7
Mn:	13
B:	0.5

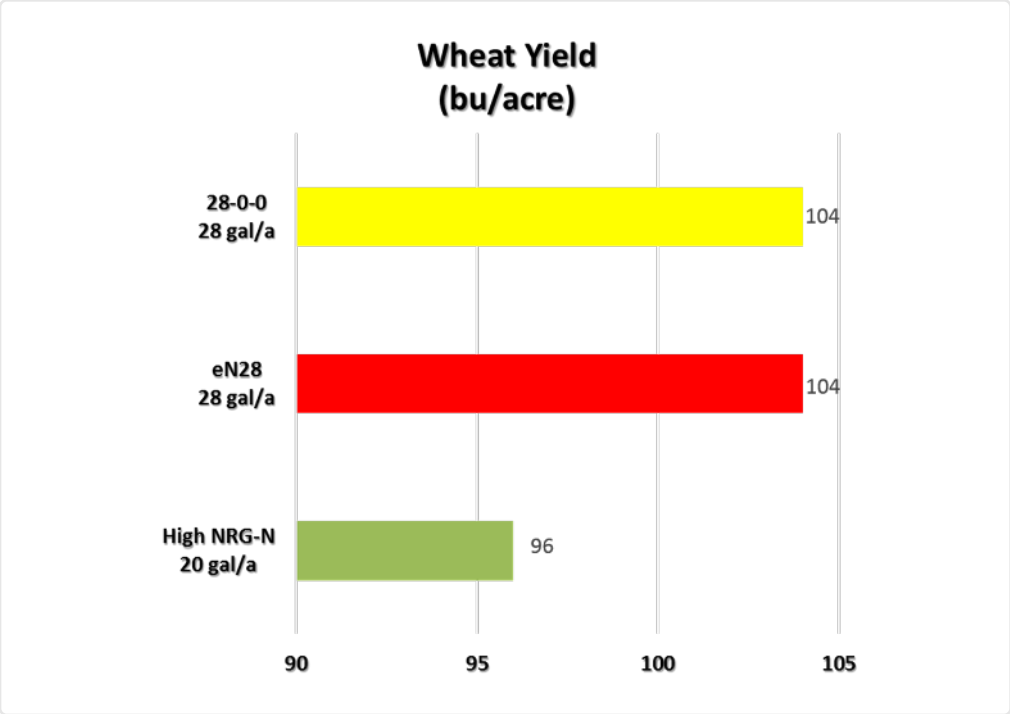
Objective:

Objective: Evaluate High NRG-N, 28-0-0, and 28-0-0 + eNhance (eN28) as topdress nitrogen sources in wheat.

This trial was conducted by Bob Andruchow near Blenheim, ON.

All plots received Pro-Germinator at 2.5 gal/a + Micro 500 at 0.25 gal/a at planting, and 28-0-0 at 12 gal/a just prior to dormancy break.

Topdress applications were made to wheat at Feekes 4 - 5 in early May.



Conclusions:

- Wheat yield in plots treated with 28-0-0 or eN28 were equal, and were 4 bu/a higher than plots treated with High NRG-N.
- The yield response to High NRG-N is not unexpected due to the controlled release nature of High NRG-N. Such applications should be made earlier in the growing season, preferably at dormancy break.