

3 Year Same Plot Fertilizer Program Comparisons in Corn

North Central Research Station

	<u>treatment</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>3 yr avg.</u>
1	N only	195.5	189.8	195.1	193.5
2	Conventional Dry	202.4	196.4	208.4	202.4
3	Conventional liquid	207.7	197.1	207.1	204.0
4	Low rate conv. liquid	202.9	204.7	196.4	201.3
5	AgroLiquid	213.8	217.9	213.6	215.1

An AgroLiquid program continues to out yield conventional fertilizers while applying 48% less pounds of nutrition per acre.

Fertilizer Programs:

AgroLiquid: 3 gal Pro-Germ. + 5 gal Sure-K + 2 qt Micro 500 (in-furrow); 47 gal 28% + eNhance (sided:ress)

Low rate conv. liquid: 20 lbs 0-0-60 (fall PPI); 2 gal 10-34-0 + 1 qt Zn + 1 qt Mn (2x2); 47 gal 28% (sidedress)

Conv. liquid: 200 lbs 0-0-60 (fall PPI); 7.5 gal 10-34-0 + 1 qt Zn + 1 qt Mn (2x2); 57 gal 28% (sidedress)

Conv. dry: 200 lbs 0-0-60 (fall); 65 lbs 18-46-0 + 8 lb Zn + 365 lbs Urea (PPI)

N only: 57 gal 28% + eNhance (sidedress)