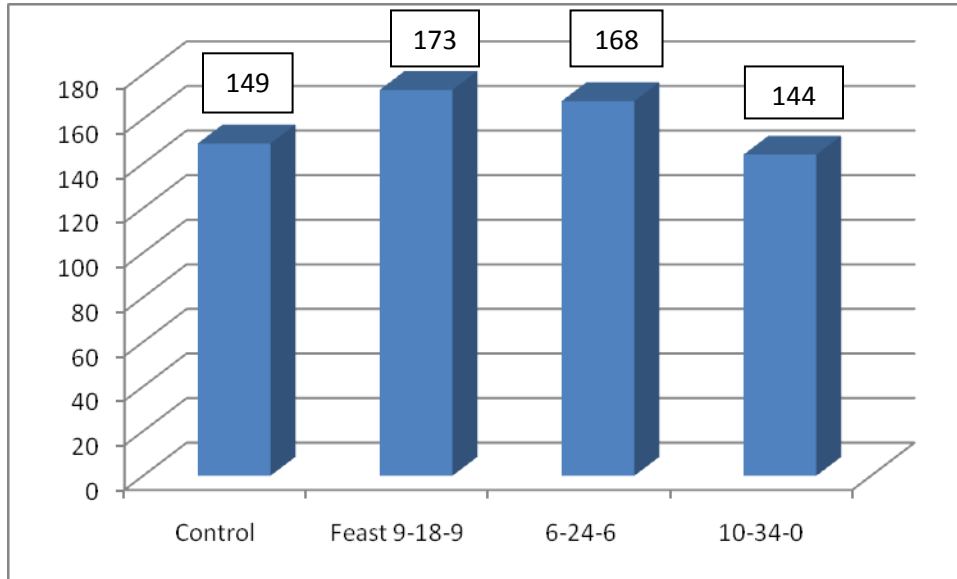




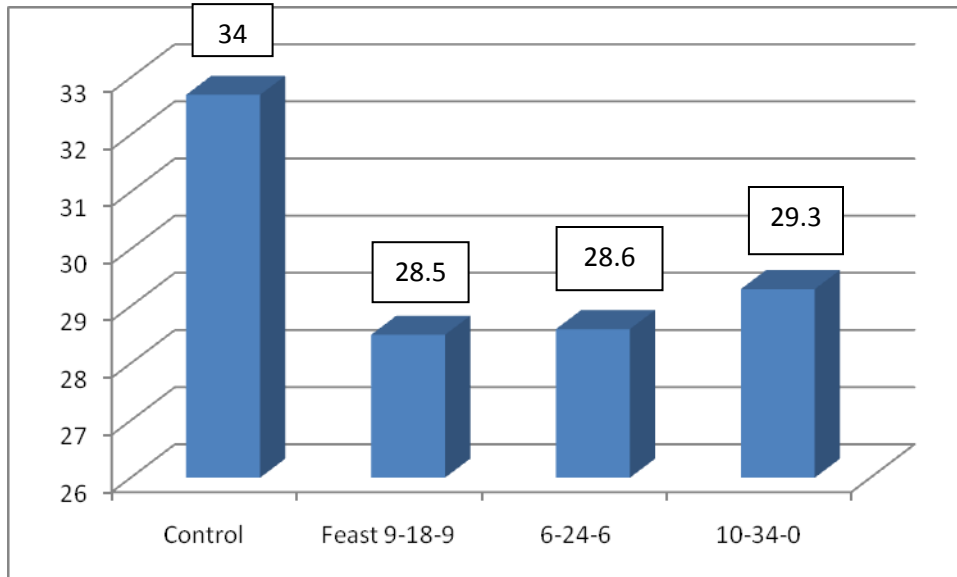
## 2009 Regional Test Plot Data – North Dakota

### Corn Yield – BPA



High quality liquid fertilizers which are designed for in-row placement consistently produce yield improvement. Feast 9-18-9 increased yield +24 BPA. 6-24-6, a low grade starter fertilizer formulation increased yield +19 BPA. 10-34-0 (not designed as a row starter) decreased yield -5 BPA. All treatments 5 GPA.

### Grain Moisture at Harvest

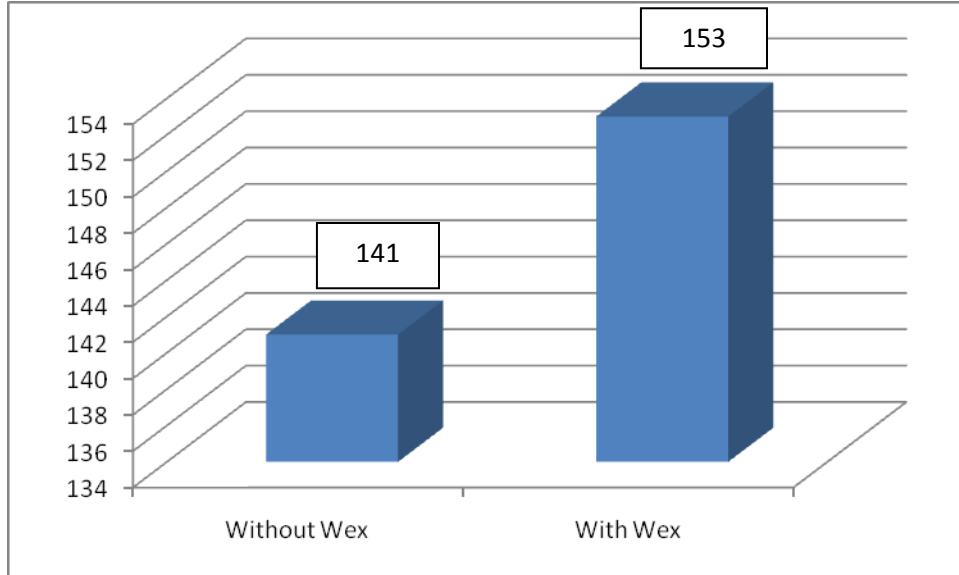


Lower grain moisture at harvest is a significant and sometimes overlooked benefit of applying starter fertilizers. Drying costs during the 2009 harvest averaged \$0.06 per point of moisture per bushel. Considering a 150 bushel yield, Feast saved \$37.80 per acre in drying costs as compared to no starter. All treatments 5 GPA.



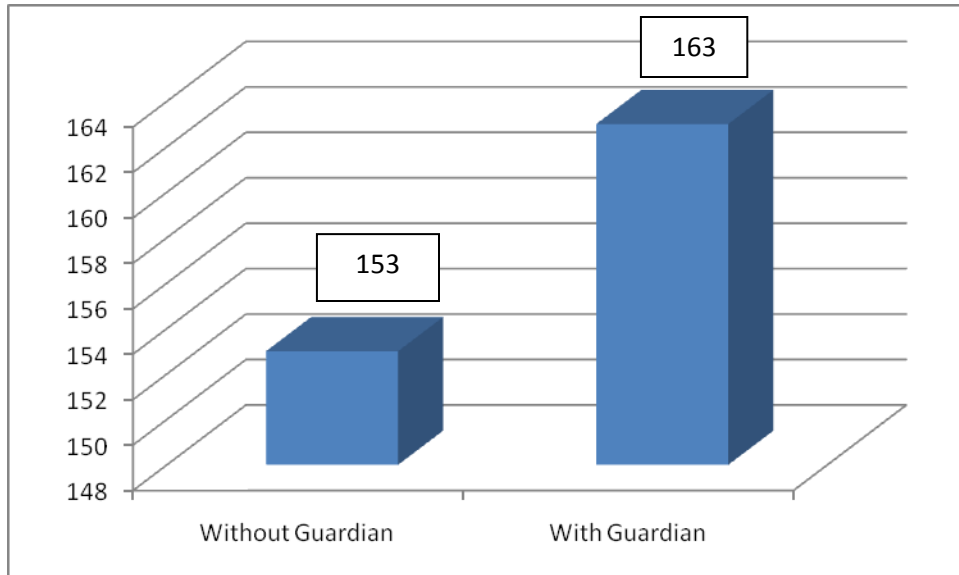
## 2009 Regional Test Plot Data – North Dakota

**Corn Yield - BPA**



Wex has been in the AgroVantage System product line for over 30 years and continues to provide yield enhancing results; plus 12 BPA!  
Wex applied at 1 quart per acre.

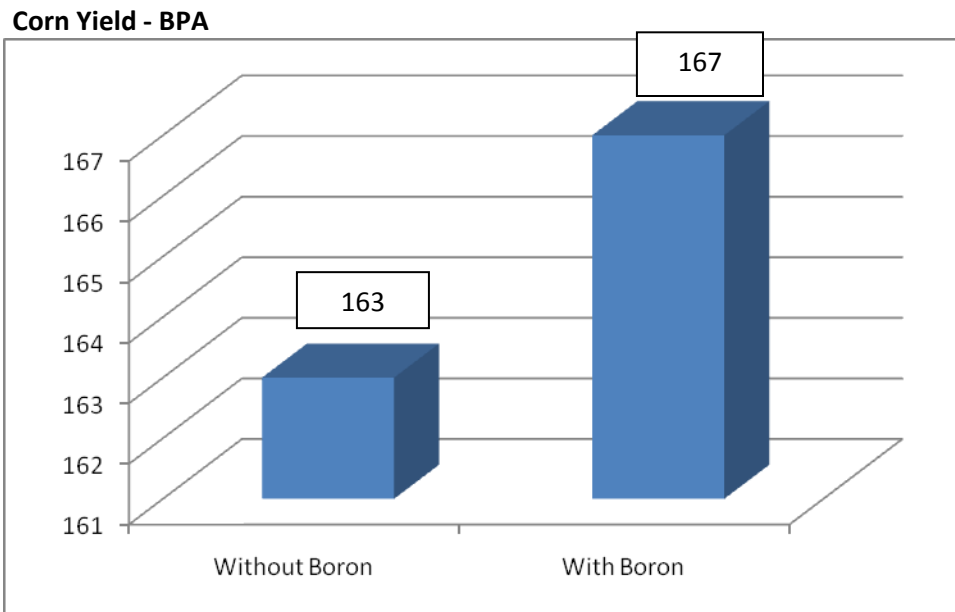
**Corn Yield - BPA**



Guardian is an outstanding tool for make applied nitrogen more efficient and effective. In this study adding Guardian produced a 10 BPA yield increase.  
Guardian-DL applied at 1 quart per acre.



## 2009 Regional Test Plot Data – North Dakota

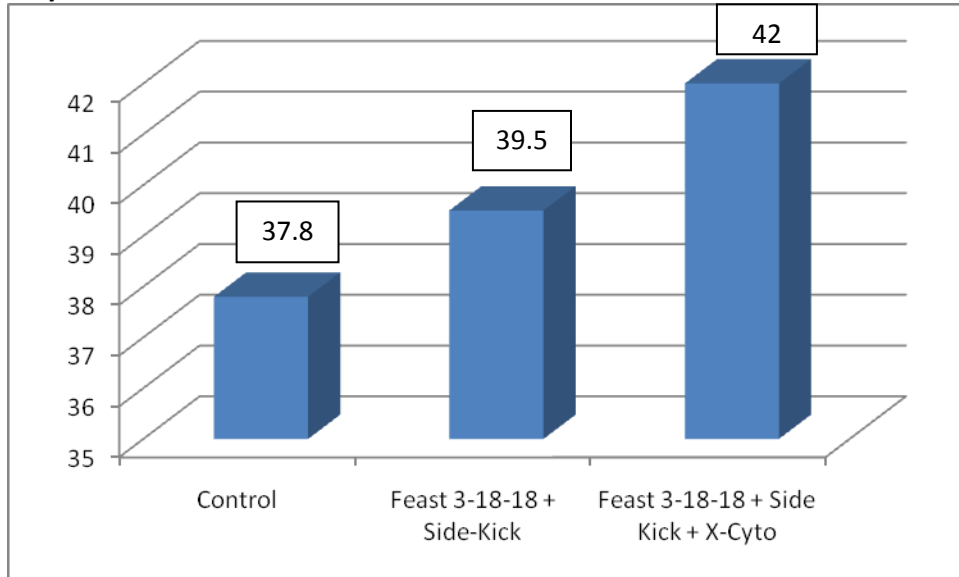


Boron is one of the essential micro-nutrients that can become yield limiting. Boron is the one micro-nutrient which cannot be applied with starter fertilizer in-furrow. In this study, boron was added to the nitrogen solution, producing a 4 BPA yield increase. Feast 10% boron solution applied at 1 pint per acre.



### 2009 Regional Test Plot Data – North Dakota

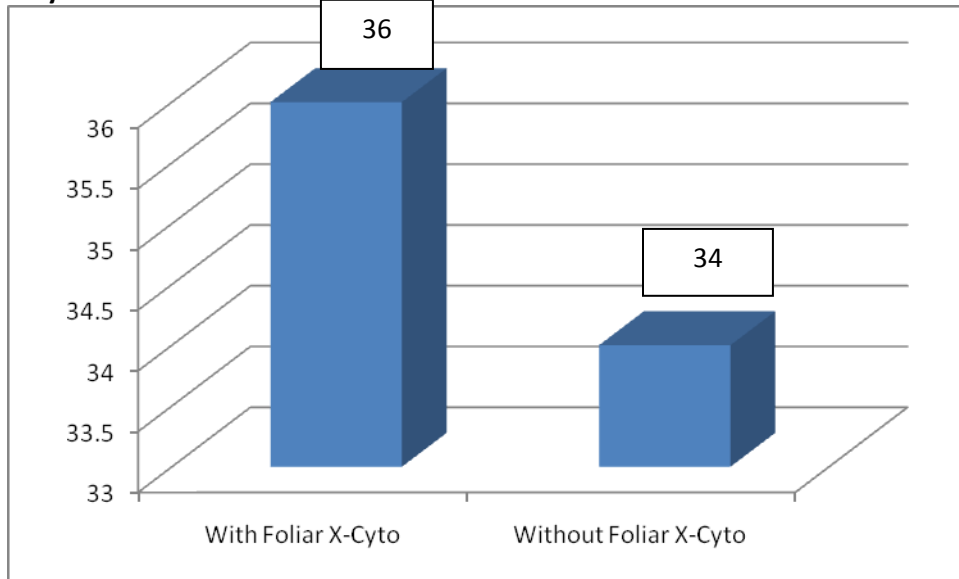
Soybeans - BPA



Soybeans are often left to scavenge from what's left from last year's corn crop when it comes to plant food. This study shows that soybeans do respond positively to starter fertilizer and other row support materials like the PGR, Soil X-Cyto.

Feast 3-18-18 applied at 2.5 GPA, Side-Kick applied at .5 GPA and soil X-Cyto applied at 10 oz. per acre.

Soybeans - BPA



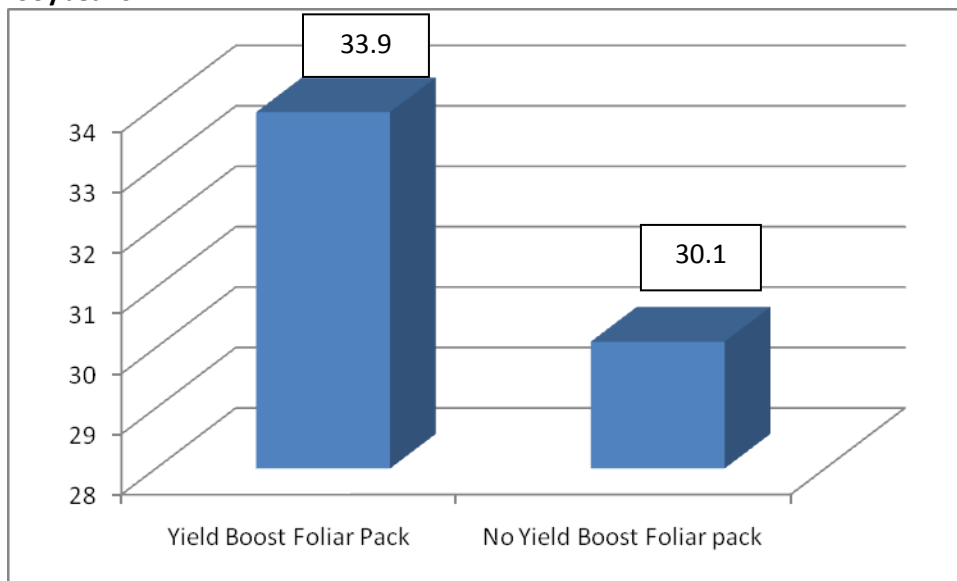
Foliar X-Cyto is a plant growth regulator that accelerates the plants natural processes of cell division and enlargement. Applied correctly, Foliar X-Cyto increases grain yield (+2 BPA).

Foliar X-Cyto applied at rate of 10 oz. per acre.



## 2009 Regional Test Plot Data – Colfax, ND

Soybeans - BPA



Yield Boost Foliar Pack is a proprietary blend of AgroVantage System plant food designed for late season application. Research has shown and this study confirms; late season Foliar Feeding is a good way to increase yield (+3.8 BPA)!

Yield Boost applied foliar at the rate of 2 GPA at the V8 stage.