

# RESEARCH FOR RESULTS



## Akron Services – Corn Research Trial 2018

**OVERVIEW:** This trial compares In Furrow treatments and Foliar treatments to see the greatest economic return based on the yield of drying number 2 corn at 15%.

**LOCATION:** Edelstein, IL

**HYBRID:** DeKalb 64-34

**PLANTING DATE:** 5/16/2018

**HARVEST DATE:** 10/1/2018

**POPULATION:** 34k

**TREATMENTS:** Table A – All applications were foliar applied at V-7. Growth Supplement 30 was applied at 1 pint per acre  
Table B – All applications were applied at planting. Growth Supplement 30 was applied at 2 pints per acre

Table A

Treatments – Foliar	Harvest Weight	Moisture	Yield	Economic Return	Rank
Regalia	44.5	17.7	279.29	\$947.36	3
Boost	46	18.6	285.55	\$958.30	1
Check	44	17.8	275.82	\$934.47	4
B-Sure/0.5	43.13	18.6	267.73	\$898.51	6
B-Sure	44.38	19.5	272.48	\$904.52	5
<b>Growth Supplement 30</b>	46.13	19.1	284.60	\$949.42	2

**SUMMARY:** This trial was replicated 4 times and the cost of treatments is not included in the Economic Return. **Growth Supplement 30**, applied at just 1 pint per acre, finished second only to Boost, yielding just under 1 bushel less. However, it produced the best test weight. **Growth Supplement 30** yielded 9 bushels better than the check.

Table B

Treatments – In Furrow	Harvest Weight	Moisture	Yield	Economic Return	Rank
Check	15.38	18.5	262.19	\$880.96	8
Quick Grow	18.5	18.5	315.38	\$1,059.67	1
Quick Grow & Avail	15.75	18.5	268.50	\$902.15	6
Check	15.75	18.5	268.50	\$902.15	6
Quick Grow & Winfield	18.06	18.5	307.88	\$1,034.47	2
Quick Grow & Boost	16	18.5	272.76	\$916.47	5
<b>Growth Supplement 30</b>	16.5	18.5	281.28	\$945.11	3
Take Off	13	18.5	221.62	\$744.63	12
Receptor	14.88	18.5	253.67	\$852.32	10
Invigorate	14.88	18.5	253.67	\$852.32	10
Invigorate & 0-0-5	15.38	18.5	262.19	\$880.96	8
Check	16.5	18.5	281.28	\$945.11	3

**SUMMARY:** Wet conditions created a significant disparity in yield from north to south. This trial had only 1 replication and the cost of treatment is not included in the Economic Return.