

2016 Ottawa Research Farm Plot Results

Fungicide Trials:

Check (no Fungicide):	102.3 bu/acre
Fungicide tassel application only:	122.6 bu/acre
Fungicide tassel application w/foliar:	126.2 bu/acre
Fungicide 2 pass application:	131.1 bu/acre

*check strip did have some deer feeding that affected yield

Rapidity Seed Treatment:

Rapidity Treatment:	158.2 bu/acre
Check (no treatment)	153.6 bu/acre

Starter Fertilizer:

Advantage Plus:	153.4 bu/acre
Check:	148.2 bu/acre

Foliars:

Versamax Corn	147.4 bu/acre
Symbol Release	136.7 bu/acre
Brandt Smart Trio	141.3 bu/acre
Check	129.1 bu/acre

Liquid sidedress:

Liquid sidedress with nutrisphere: 126.1 bu/acre

Liquid sidedress untreated: 119.1 bu/acre

Check: 90.6 bu/acre

*had some washouts in these. Check strip was the worst. I did a measurement adjustment to try to account for the washouts

AVAIL:

Avail: 98.3 bu/acre

Check: 90.6 bu/acre

*Again, both trials had washouts and loss of stand as a result. Did measurement adjustments to try and compensate

Urea treatments:

Nutrisphere-N 143.1 bu/acre

Agrotain Advanced 129.9 bu/acre

Untreated Urea 90.6 bu/acre

*trials were affected by washouts which I adjusted measurements for loss of stand. Check trial was the worst

N-Serve 158.4 bu.

Without N-Serve 148.2 bu.

*10.2 bu. advantage for using N-Serve. Cost was \$11.75/acre to add it to the NH3 last year. Price at harvest was \$2.86/bu. netting a \$29.17/acre return for using N-Serve.