# Wheat Seed Treatment

**Trial ID: 2020-WST02 — R.M. of De Salaberry**

**Objective:** The purpose of this project is to quantify the impacts of seed treatment in wheat.

| TRIAL INFORMATION | |
|---|---|
| **Location** | Otterburne |
| **Previous Crop** | Soybeans |
| **Soil Texture** | Clay |
| **Tillage** | Zero Tillage |
| **Planting Date** | May 04, 2020 |
| **Variety** | AAC Brandon |
| **Product** | Insure Cereal FX4 |
| **Row Spacing** | 10” |
| **Seeding Rate** | 144 lbs/ac |
| **Fertilizer (N-P-K-S)** | 121N 29P |
| **Harvest Date** | August 18, 2020 |

## PRECIPITATION†

| | May | June | July | Aug | Total |
|---|---|---|---|---|---|
| **Rainfall** | 15 | 105 | 102 | 68 | **290** |
| **Normal** | 56 | 90 | 61 | 61 | **269** |

†Growing season precipitation (mm)

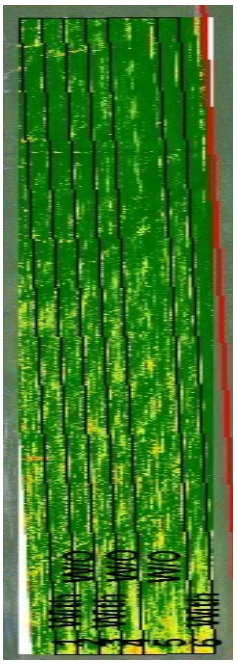
## WHEAT RESPONSE

| | Plant Stand/ft² | Protein | TWT (kg/hL) | Falling Number |
|---|---|---|---|---|
| **Treated** | 15[A] | 12.2 | 80 | 322 |
| **Untreated** | 16[A] | 12.6 | 80 | 325 |

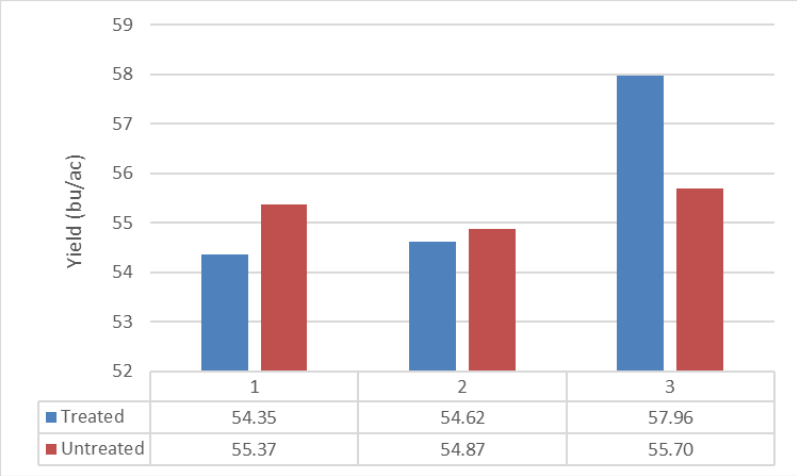
## OVERALL YIELD

| | Mean (bu/ac) |
|---|---|
| **Treated** | 55.7[A] |
| **Untreated** | 55.3[A] |
| **Difference** | 0.4 |
| **P-Value** | 0.767 |
| **CV** | 2.37% |
| **Significance** | No |

## FIELD IMAGE



## STRIP YIELD




**Summary: There was no significant yield difference between the seed treatment and the untreated check. There was no significant difference in plant stand due to the use of seed treatment. Plant stand and yields were affected by frost on May 30th and dryness in month of May. Rainfall was below normal in May and above rest of growing season.**

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