

Trial ID: 2020-WST08 — R.M. of Gilbert Plains

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

TRIAL INFORMATION

| | |
|----------------------|--------------------|
| Location | Keld |
| Previous Crop | Canola |
| Soil Texture | Clay Loams |
| Tillage | Zero Tillage |
| Planting Date | May 26, 2020 |
| Variety | AAC Viewfield |
| Product | Raxil Pro |
| Row Spacing | 10" |
| Seeding Rate | 120 lbs/ac |
| Fertilizer (N-P-K-S) | 151N 50P 40K |
| Harvest Date | September 11, 2020 |

PRECIPITATION †

| | May | June | July | Aug | Total |
|----------|-----|------|------|-----|-------|
| Rainfall | 28 | 97 | 82 | 66 | 272 |
| Normal | 56 | 80 | 69 | 112 | 317 |

†Growing season precipitation (mm)

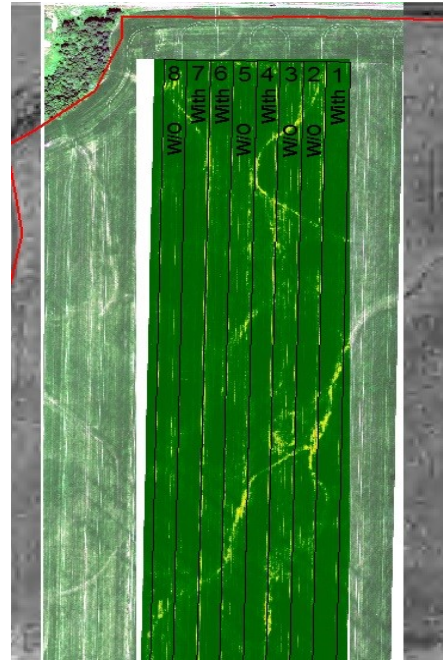
WHEAT RESPONSE

| | Plant Stand/ft ² | Protein | TWT (kg/hL) | Falling Number |
|-----------|-----------------------------|---------|-------------|----------------|
| Treated | 20 ^A | 12.8 | 84 | 314 |
| Untreated | 21 ^A | 11.6 | 84 | 355 |

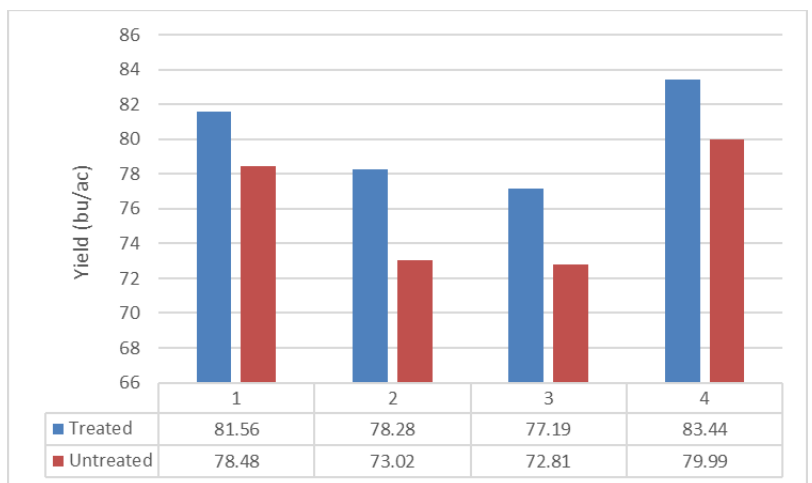
OVERALL YIELD

| | Mean (bu/ac) |
|--------------|-------------------|
| Treated | 80.1 ^A |
| Untreated | 76.1 ^B |
| Difference | 4.0 |
| P-Value | 0.00371 |
| CV | 4.81% |
| Significance | Yes |

FIELD IMAGE



STRIP YIELD



Summary: There was a significant yield difference between the seed treatment and the untreated check. There was a noticeable visible difference in plant health and vigor throughout most of the growing season between the treatments. There was no significant difference in plant stand due to the use of seed treatment. Rainfall was above normal in June and July and below normal in May and August.