



on-farm network
PARTICIPATORY • PRECISE • PROACTIVE

Soybean Fungicide Trial

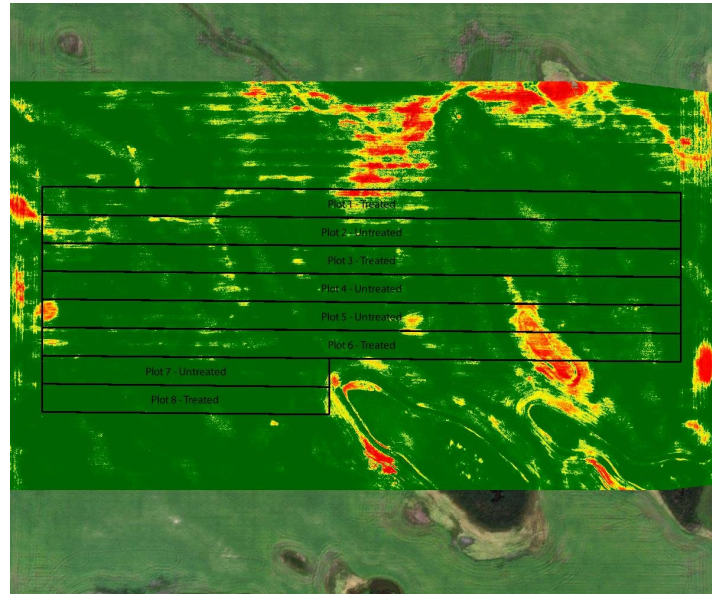
Trial ID: 2019-SF03 – R.M. of Prairie Lakes

Objective: Quantify the agronomic impacts of a single fungicide application in soybean

Summary: There was no significant yield difference between soybeans with a single fungicide application and soybeans without fungicide.

Trial Information

| | |
|---------------------------|----------------------|
| Treatment | Priaxor |
| Application Timing | R2 |
| Application Date | July 11 |
| Application Rate | 180 ml/ac |
| Application Method | Ground |
| Rural Municipality | Prairie Lakes, RM of |
| Soil Texture | Loam |
| Previous Crop | Canola |
| Tillage | Conventional |
| Seeding Date | May 22 |
| Variety | 23-60RY |
| Seeding Rate | 210 000 seeds/ac |
| Row Spacing | 10" |
| Plant Stand R3.5 | 144 000 plants/ac |



Summary of Disease Rating (R4) †

| | Frogeye | | Septoria Brown Spot | | White Mold | |
|------------------|---------|-----|---------------------|------|------------|-----|
| | UN | TRT | UN | TRT | UN | TRT |
| Incidence | 0% | 0% | 100% | 100% | 0% | 0% |
| Severity | 0.0 | 0.0 | 2.93 | 2.95 | 0.0 | 0.0 |

† Frogeye (presence/absence), Septoria Brown Spot 0 – 5 rating scale, White Mold 0 – 3 rating scale

Overall Yield

| | Mean (bu/ac) |
|-------------------------|--------------|
| Treated | 35.1 |
| Untreated | 35.5 |
| Yield Difference | -0.37 |
| P-Value | 0.7644 |
| CV | 8.4% |
| Significance | No |

NDVI Field Image – August 11, 2019

Precipitation (mm)

| | May | June | July | August |
|-----------------|------|-------|-------|--------|
| Normal | 61.1 | 89.8 | 68.3 | 72.3 |
| Rainfall | 21.1 | 124.4 | 116.2 | 57.1 |

Yield by Treatment

