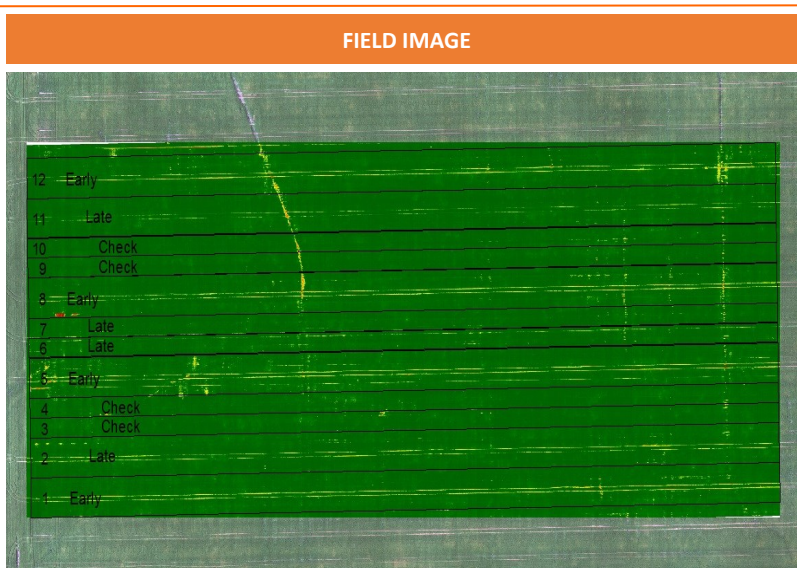


Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2020-WFHB04 — R.M. of Grey

Objective: The purpose of this project is to quantify the impact of fusarium head blight on the quality of harvested grain by comparing the farmer's normal fungicide application at recommended rate and timing to a fungicide application 3 to 5 days later

TRIAL INFORMATION	
Location	Culross
Previous Crop	Canola
Soil Texture	Clay
Tillage	Zero Tillage
Planting Date	May 13, 2020
Variety	AC Cardale
Row Spacing	10"
Seeding Rate	219 lbs/ac
Fungicide Product	Prosaro XTR
Rec'd App Date	July 06, 2020
Rec'd App Timing	Early Flower
3-5 Days Later	July 10, 2020
Harvest Date	August 22, 2020

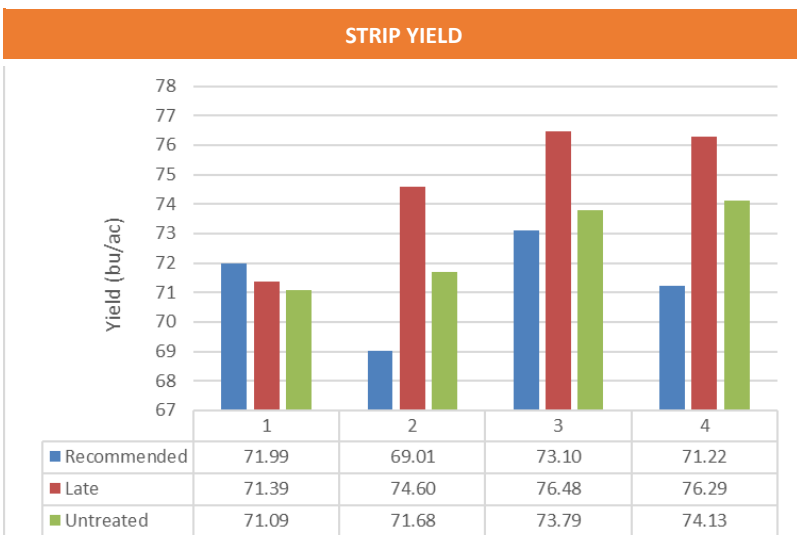


PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	29	36	66	39	170
Normal	55	77	60	78	270

†Growing season precipitation (mm)

WHEAT QUALITY				
	Protein	DON	TWT (kg/hL)	Falling Number
Rec'd Timing	14.0	0.1	77	354
Late Timing	13.8	0.1	77	342
Untreated	14.1	0.1	77	349

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	71.3 ^B
Late Timing	74.7 ^A
Untreated	72.7 ^{AB}
P-Value	0.0443
CV	3.08%
Significance	Yes



Summary: There was a significant yield difference between the late timing versus the untreated check for fusarium head blight fungicide applications. Wheat quality was rated as tough #1 grade for CWRS. Rainfall was below normal for the entire growing season.