

Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2020-WFHB07 — R.M. of Cartwright-Roblin

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	Cartwright
Previous Crop	Canola
Soil Texture	Clay Loams
Tillage	Zero Tillage
Planting Date	May 27, 2020
Variety	AAC Brandon
Row Spacing	12"
Seeding Rate	119 lbs/ac
Fungicide Product	Caramba
Rec'd App Date	July 10, 2020
Rec'd App Timing	Early Flower
3-5 Days Later	July 15, 2020
Harvest Date	September 10, 2020

PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	60	19	131	50	260
Normal	80	92	54	76	302

†Growing season precipitation (mm)

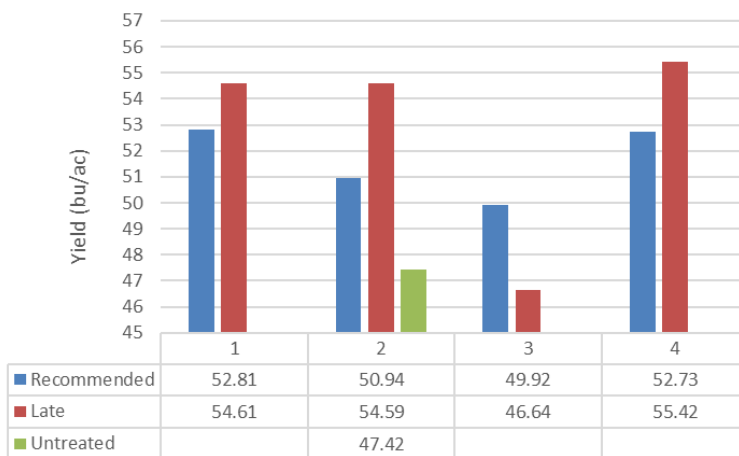
WHEAT QUALITY				
	Protein	DON	TWT (kg/hL)	Falling Number
Rec'd Timing	15.5	0.5	81	289
Late Timing	15.1	0.5	80	298
Untreated	15.1	0.5	80	325

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	51.6 ^A
Late Timing	52.8 ^A
Untreated (Reference)	47.4
P-Value	0.489
CV	5.62%
Significance	No

FIELD IMAGE



STRIP YIELD



Summary: There was no significant yield difference between the recommended timing and late timing for fusarium head blight fungicide timing applications. Wheat quality was consistent for all the treatments, receiving a #1 grade for CWRS, with low levels of DON. Rainfall was below normal for the entire growing season.