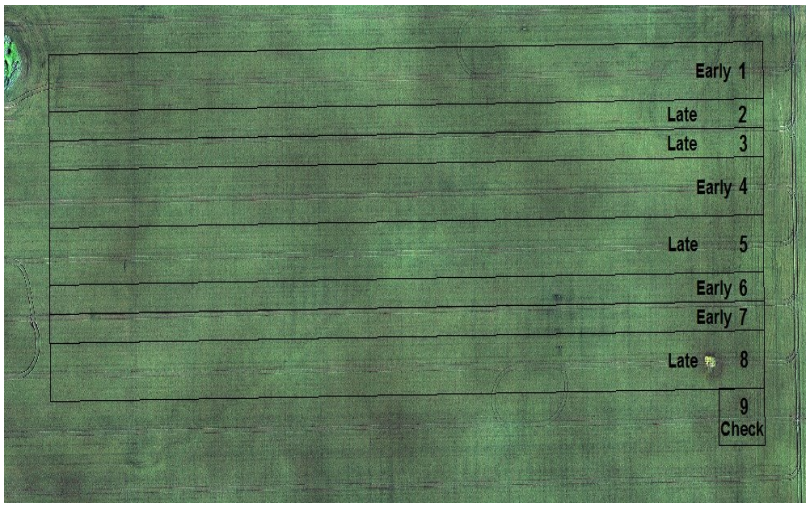
Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2020-WFHB03 — 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	Elm Creek
Previous Crop	Canola
Soil Texture	Clay
Tillage	Zero Tillage
Planting Date	May 09, 2020
Variety	AAC Brandon
Row Spacing	7.5"
Seeding Rate	120 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 26, 2020

FIELD IMAGE



PRECIPITATION†

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

†Growing season precipitation (mm)

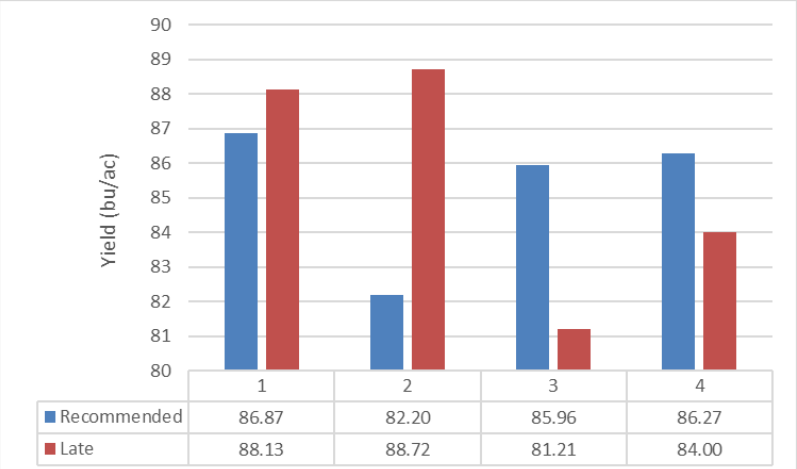
WHEAT QUALITY

	Protein	DON	TWT (kg/hL)	Falling Number
Rec'd Timing	14.5	0.0	81	349
Late Timing	14.6	0.0	81	347

OVERALL YIELD

	Mean (bu/ac)
Rec'd Timing	85.4[A]
Late Timing	85.5[A]
Difference	0.1
P-Value	0.942
CV	3.18%
Significance	No

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. Rainfall was below normal for the entire growing season.**

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