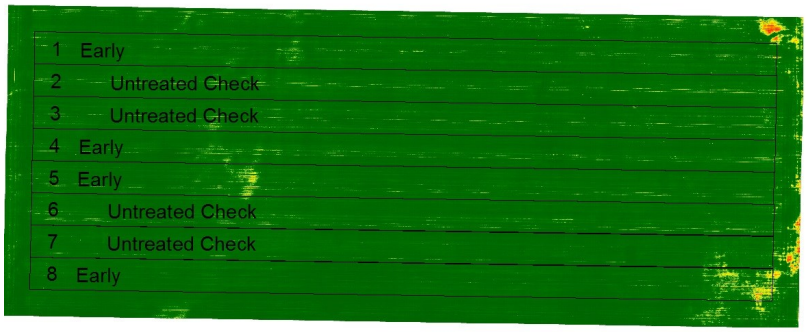
Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2021-WFHB04— R.M. of Dauphin

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 with no treatment

TRIAL INFORMATION	
Location	Dauphin
Previous Crop	Canola
Soil Texture	Fine Loams
Tillage	Zero Tillage
Planting Date	April 29, 2021
Variety	AAC Brandon
Row Spacing	10"
Seeding Rate	135 lbs/ac
Fungicide Product	TILMOR 240 EC
App Date	July 04, 2021
App Timing	GS65 (Mid-flower)
Harvest Date	August 13, 2021

FIELD IMAGE



PRECIPITATION†

	May	June	July	Aug	Total
Rainfall	24	71	30	8	**132**
Normal	53	80	68	49	**250**

†Growing season precipitation (mm) - May 01—Aug 15

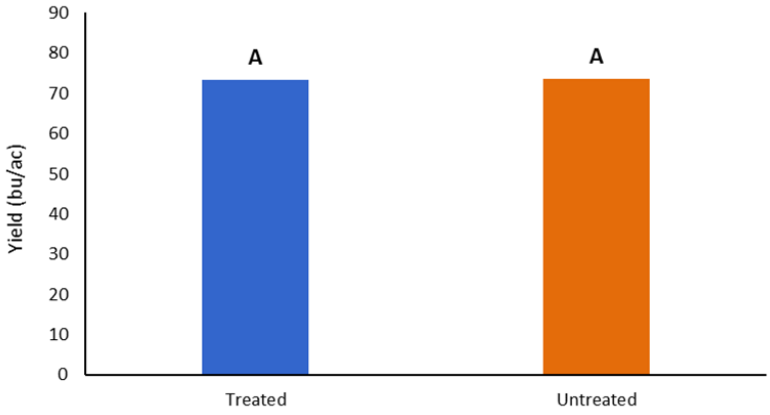
WHEAT QUALITY

	Protein	DON	TWT (kg/hL)	Falling Number
Treated	12.9	0.05	80	343
Untreated	12.5	0.05	81	333

OVERALL YIELD

	Mean (bu/ac)
Treated	73.4[A]
Untreated	73.5[A]
P-Value	0.8563
CV	1.78%
Significance	No

YIELD BY TREATMENT



Summary: There was no significant yield difference between the recommended and untreated check for the fusarium head blight fungicide application. Wheat quality was #1 grade for CWRS. Rainfall was well below normal for the growing season.

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