



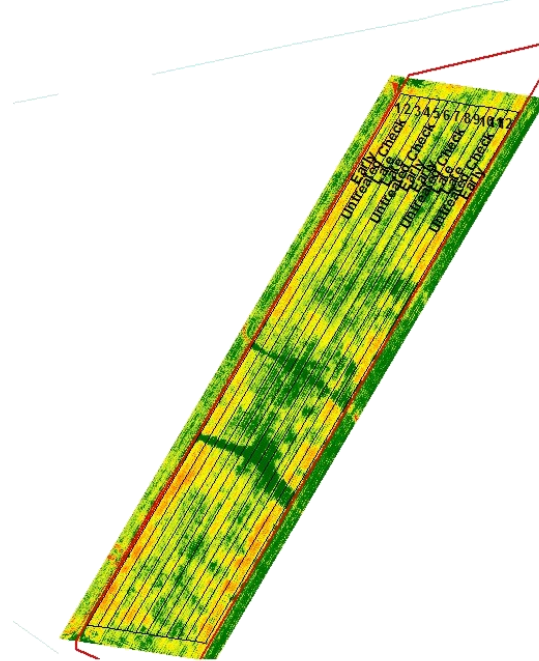
Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2021-WFHB02— R.M. of Ste. Anne

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	Ste. Anne
Previous Crop	Sunflower
Soil Texture	Clay
Tillage	Conventional Tillage
Planting Date	May 01, 2021
Variety	AAC Brandon
Row Spacing	10"
Seeding Rate	150 lbs/ac
Fungicide Product	Prosaro XTR
Rec'd App Date	June 30, 2021
Rec'd App Timing	GS61 (Early Flower)
3-5 Days Later	July 03, 2021
Harvest Date	August 13, 2021

FIELD IMAGE



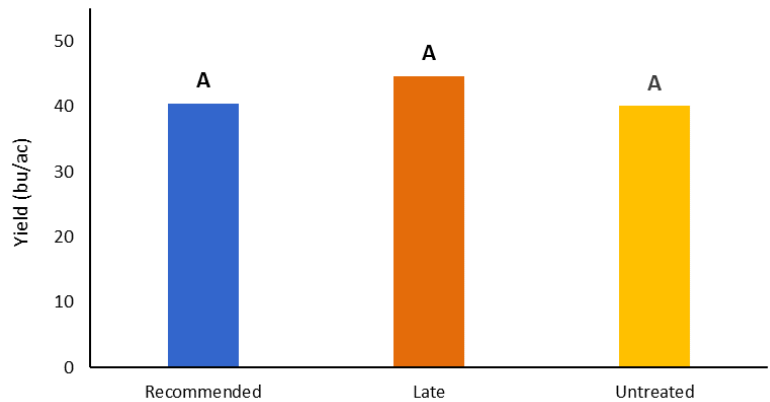
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	38	58	14	40	150
Normal	56	84	77	42	259

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

WHEAT QUALITY				
	Protein	DON	TWT (kg/hL)	Falling Number
Rec'd Timing	18.3	0.0	73	361
Late Timing	17.2	0.0	74	360
Untreated	17.0	0.0	74	347

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	40.5 ^A
Late Timing	44.7 ^A
Untreated	40.1 ^A
P-Value	0.1412
CV	7.32%
Significance	No

YIELD BY TREATMENT



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



MCA would like to thank Tone Ag Consulting Ltd. for the research support and SGS Canada Inc. for the wheat quality analysis for this trial.



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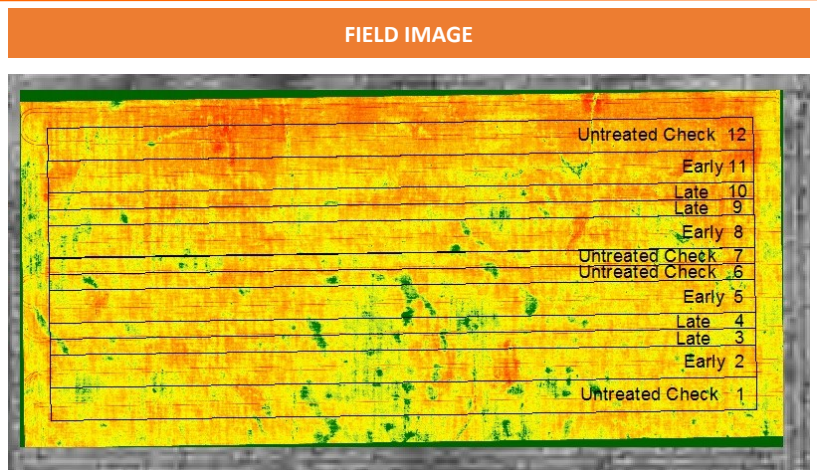


Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2021-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	Oats
Soil Texture	Clay
Tillage	Conventional Tillage
Planting Date	April 09, 2021
Variety	Bolles
Row Spacing	10"
Seeding Rate	135 lbs/ac
Fungicide Product	Prosaro XTR
Rec'd App Date	June 30, 2021
Rec'd App Timing	GS61 (Early Flower)
3-5 Days Later	July 07, 2021
Harvest Date	July 30, 2021



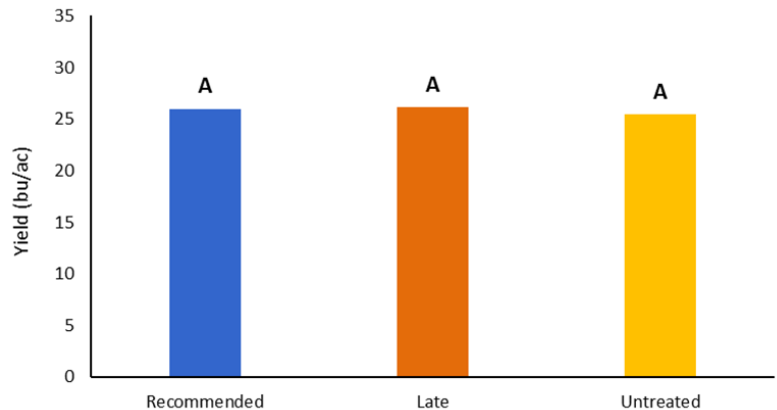
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	50	71	16	23	160
Normal	53	74	60	48	235

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

WHEAT QUALITY				
	Protein	DON	TWT (kg/hL)	Falling Number
Rec'd Timing	18.0	0.0	80	352
Late Timing	17.1	0.0	80	355
Untreated	17.5	0.1	81	366

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	26.0 ^A
Late Timing	26.1 ^A
Untreated	25.5 ^A
P-Value	0.4928
CV	3.14%
Significance	No

YIELD BY TREATMENT



Summary: There was no significant yield difference between the recommended, late timing and untreated check for the fusarium head blight fungicide applications. Wheat quality was #1 grade for CWRS. Rainfall was average before fungicide application and extremely below normal following application until harvest.



MCA would like to thank Tone Ag Consulting Ltd. for the research support and SGS Canada Inc. for the wheat quality analysis for this trial.



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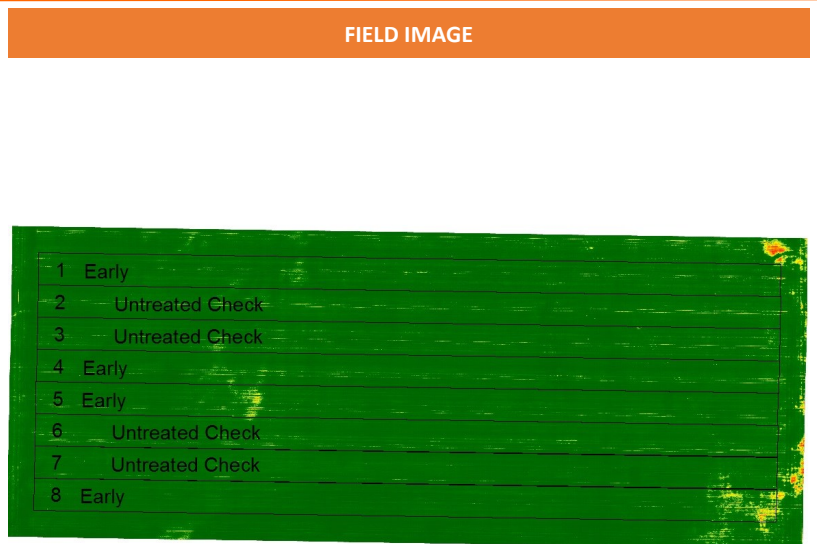


Wheat Fusarium Head Blight Fungicide Timing

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

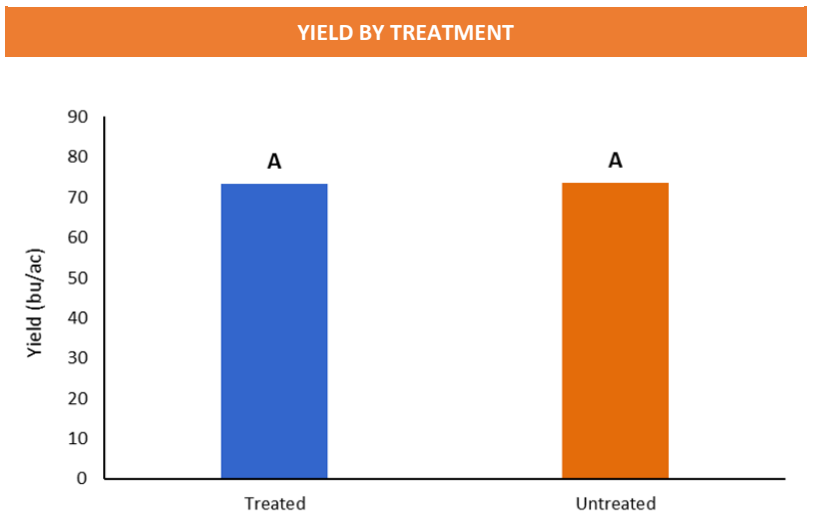


PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	24	71	30	8	132
Normal	53	80	68	49	250

†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



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.



MCA would like to thank Tone Ag Consulting Ltd. for the research support and SGS Canada Inc. for the wheat quality analysis for this trial.



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