Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2019-WFHB02 — R.M. of St. Francois Xavier

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	Marquette
Previous Crop	Soybeans
Soil Texture	Clay
Tillage	Conventional Tillage
Planting Date	April 29, 2019
Variety	AAC Brandon
Row Spacing	10"
Seeding Rate	120 lbs/ac
Fungicide Product	Prosaro XTR
Rec'd App Date	July 03, 2019
Rec'd App Timing	Flowering
3-5 Days Later	July 06, 2019
Harvest Date	August 23, 2019

PRECIPITATION†

	May	June	July	Aug	Total
Rainfall	19	65	64	1	**151**
Normal	68	85	71	17	**243**

†Growing season precipitation (mm)

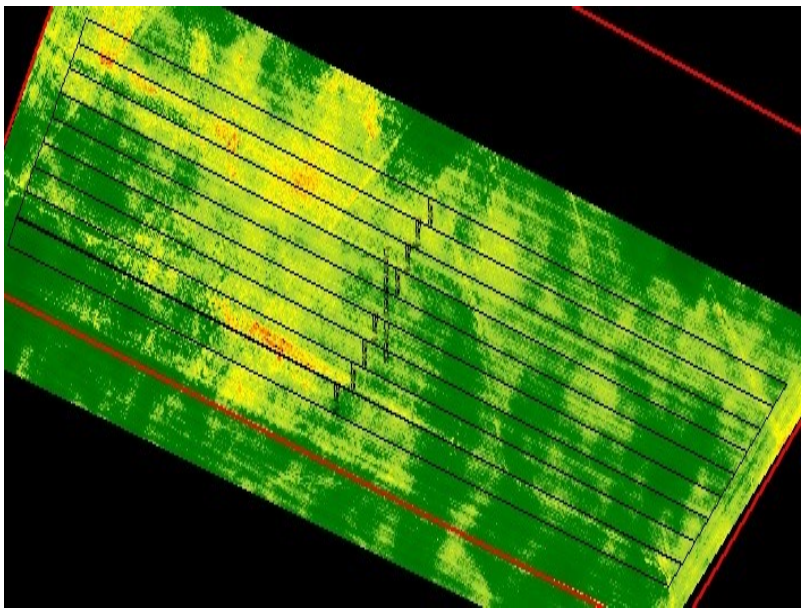
WHEAT QUALITY

	Protein	DON	TWT (lb/bu)	Falling Number
Rec'd Timing	15.5	0	65.8	325
Late Timing	15.2	0	65.3	285
Untreated	15.3	0	64.0	345

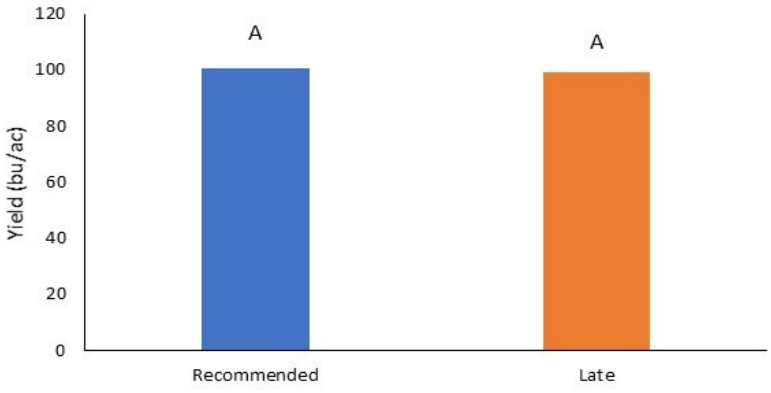
OVERALL YIELD

	Mean (bu/ac)
Rec'd Timing	100.5
Late Timing	98.9
P-Value	0.6582
CV	4.5%
Significance	No
Reference Check Strip	104.0 bu/ac

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

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