

Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2019-WFHB01 — R.M. of Westlake-Gladstone

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

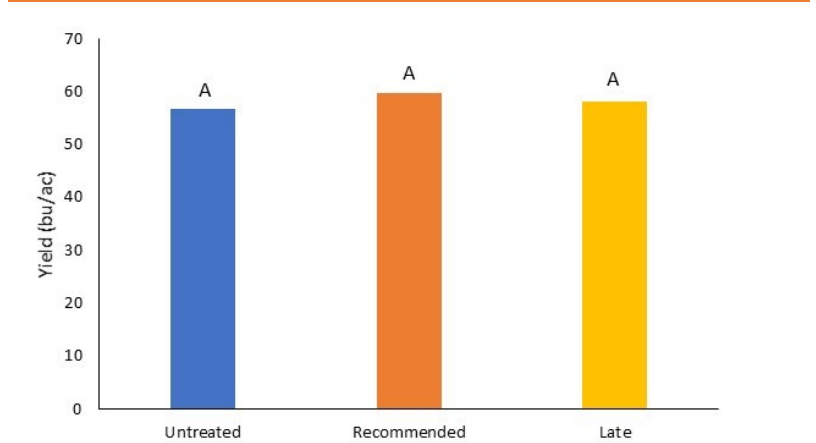
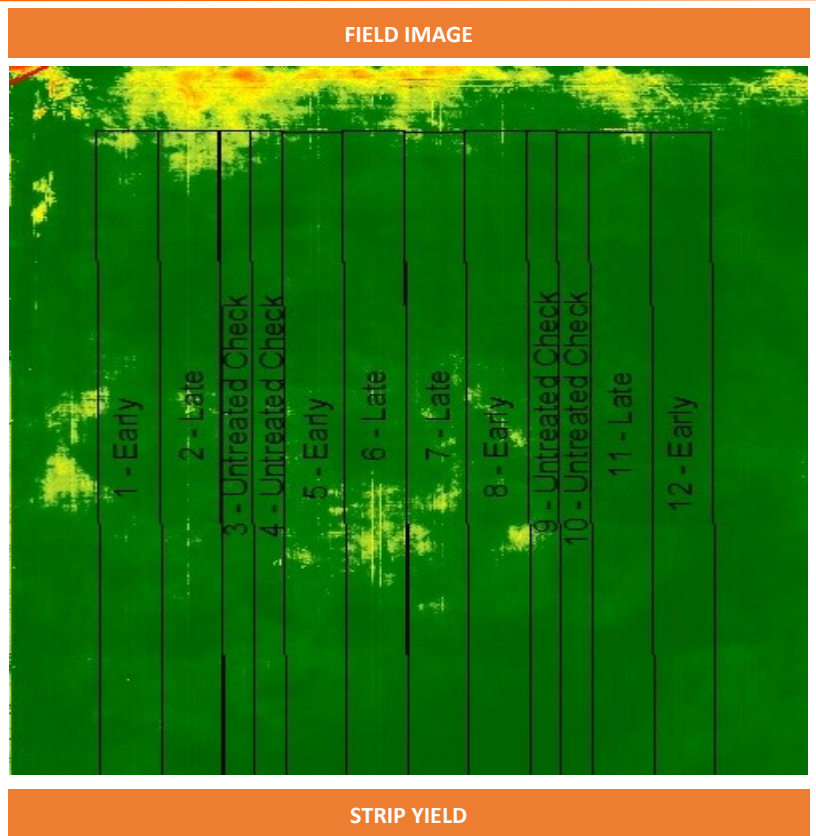
TRIAL INFORMATION	
Location	Gladstone
Previous Crop	Navy Bean
Soil Texture	Loam
Tillage	Conventional
Planting Date	May 04, 2019
Variety	AAC Brandon
Row Spacing	10"
Seeding Rate	138 lbs/ac
Fungicide Product	Caramba
Rec'd App Date	July 02, 2019
Rec'd App Timing	Early Flower
3-5 Days Later	July 07, 2019
Harvest Date	August 19, 2019

PRECIPITATION [†]					
	May	June	July	Aug	Total
Rainfall	13	40	55	64	174
Normal	45	74	78	69	267

[†]Growing season precipitation (mm)

WHEAT QUALITY				
	Protein	DON	TWT (lb/bu)	Falling Number
Rec'd Timing	14.8	0.5	33.8	351
Late Timing	15.0	0	66.5	344
Untreated	14.8	0	66.5	320

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	59.5
Late Timing	57.9
Untreated	56.5
P-Value	0.1461
CV	5.1%
Significance	No



Summary: There was no significant yield difference between the recommended timing, late timing, and untreated check 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.