

## Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2019-WFHB06 — R.M. of Wallace-Woodworth

**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

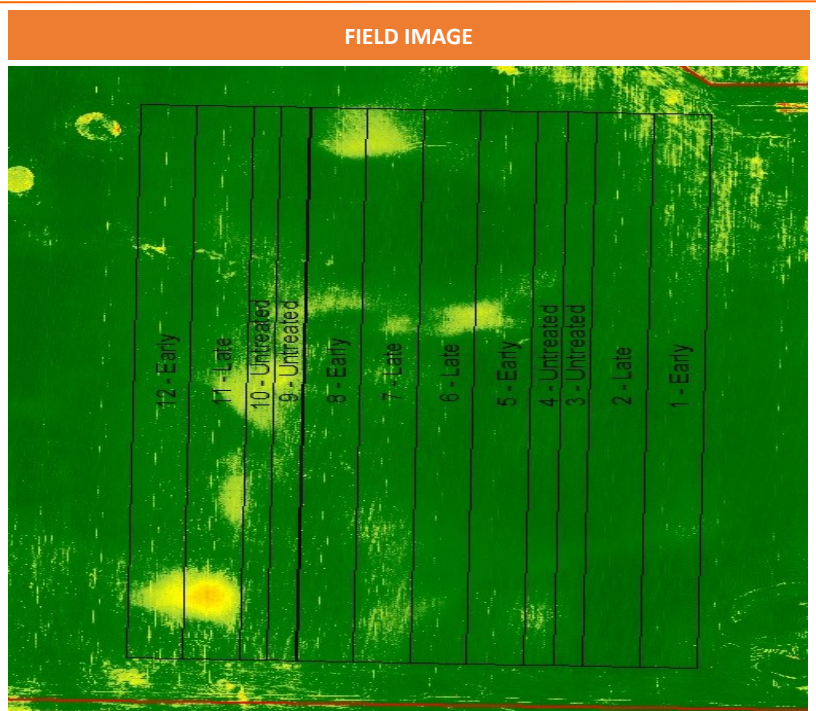
TRIAL INFORMATION	
Location	Virden
Previous Crop	Soybeans
Soil Texture	Loam
Tillage	Zero Tillage
Planting Date	May 03, 2019
Variety	AAC Brandon
Row Spacing	12"
Seeding Rate	126 lbs/ac
Fungicide Product	Caramba
Rec'd App Date	July 08, 2019
Rec'd App Timing	Early Flower
3-5 Days Later	July 11, 2019
Harvest Date	September 07, 2019

PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	26	66	40	68	201
Normal	45	68	62	64	242

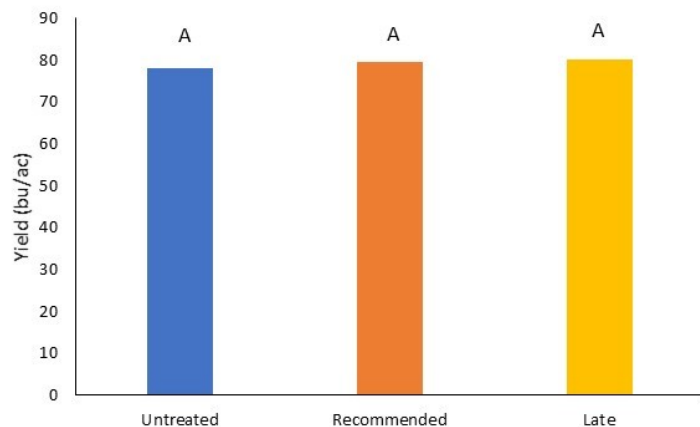
†Growing season precipitation (mm)

WHEAT QUALITY				
	Protein	DON	TWT (lb/bu)	Falling Number
Rec'd Timing	13.7	0	63.5	317
Late Timing	13.6	0.03	63.8	309
Untreated	13.8	0.03	63.3	291

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	79.6
Late Timing	80.3
Untreated	78.0
P-Value	0.1138
CV	2.2%
Significance	No



STRIP YIELD



**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 #2 grade for CWRS with some variability in quality from sprout damage and severe sprout damage. Rainfall was below normal for May and July and near normal in June and August.