

Wheat Fusarium Head Blight Fungicide Timing

Trial ID: 2019-WFHB05 — 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 at recommended rate and timing to a fungicide application 3 to 5 days later

TRIAL INFORMATION	
Location	Keld
Previous Crop	Canola
Soil Texture	Clay
Tillage	Zero Tillage
Planting Date	May 11, 2019
Variety	AAC Viewfield
Row Spacing	10"
Seeding Rate	120 lbs/ac
Fungicide Product	Prosaro XTR
Rec'd App Date	July 07, 2019
Rec'd App Timing	Z65
3-5 Days Later	July 10, 2019
Harvest Date	September 08, 2019

FIELD IMAGE



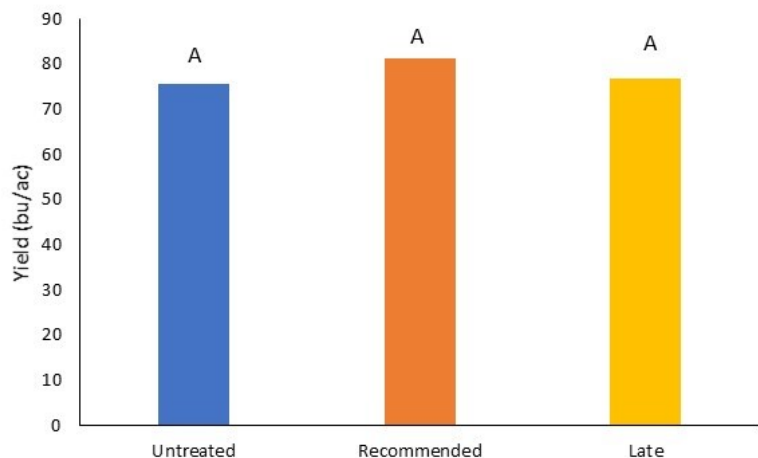
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	4	60	65	45	176
Normal	36	77	70	62	247

†Growing season precipitation (mm)

WHEAT QUALITY				
	Protein	DON	TWT (lb/bu)	Falling Number
Rec'd Timing	12.2	0	65	338
Late Timing	12.2	0	65	336
Untreated	12.2	0	65	337

OVERALL YIELD	
	Mean (bu/ac)
Rec'd Timing	81.3
Late Timing	76.9
Untreated	75.6
P-Value	0.0874
CV	6.2%
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 #1 grade for CWRS with one sample down graded to #2 for sawfly midge damage. Rainfall was below normal for the entire growing season.