



Winter Cereals

Sustainability in Action

Mohall, ND ■ Winter Wheat Variety Trial

2010 Performance Results - Paul Glessing, Cooperator

Yield (bu/A)		Test Weight (Ib/Bu)		Protein %	
No Fung	Fung	No Fung	Fung	No fung	Fung
71.6	110.8	54.8	58.5	11.4	11.8
84.6	109.7	57.9	60.0	10.9	11.0
84.2	109.2	57.9	59.7	11.3	11.7
89.8	108.2	57.3	58.8	11.8	11.3
105.7	107.3	59.1	59.6	10.8	10.3
92.9	107.1	59.2	59.9	11.6	11.9
87.8	104.5	58.2	59.5	11.7	12.5
99.5	102.9	59.3	59.8	11.6	12.2
89.8	102.7	57.9	58.7	12.1	12.2
89.1	99.3	59.3	60.1	10.7	10.9
76.7	98.2	56.8	58.8	11.9	11.8
85.8	96.8	58.4	59.6	12.2	11.9
82.6	96.8	56.6	58.8	11.7	10.9
87.7	104.1	57.9	59.4	11.5	11.6
11.9		1.0		0.8	
7.6		1.0		4.4	
	No Fung 71.6 84.6 84.2 89.8 105.7 92.9 87.8 99.5 89.8 89.1 76.7 85.8 82.6 87.7 11.5	No Fung 71.6 110.8 84.6 109.7 84.2 109.2 89.8 108.2 105.7 107.3 92.9 107.1 87.8 104.5 99.5 102.9 89.8 102.7 89.1 99.3 76.7 98.2 85.8 96.8 82.6 96.8 87.7 104.1 11.9	No Fung Fung No Fung 71.6 110.8 54.8 84.6 109.7 57.9 84.2 109.2 57.9 89.8 108.2 57.3 105.7 107.3 59.1 92.9 107.1 59.2 87.8 104.5 58.2 99.5 102.9 59.3 89.8 102.7 57.9 89.1 99.3 59.3 76.7 98.2 56.8 85.8 96.8 58.4 82.6 96.8 56.6 87.7 104.1 57.9 11.9 1.0 1.0	No Fung Fung No Fung Fung 71.6 110.8 54.8 58.5 84.6 109.7 57.9 60.0 84.2 109.2 57.9 59.7 89.8 108.2 57.3 58.8 105.7 107.3 59.1 59.6 92.9 107.1 59.2 59.9 87.8 104.5 58.2 59.5 99.5 102.9 59.3 59.8 89.8 102.7 57.9 58.7 89.1 99.3 59.3 60.1 76.7 98.2 56.8 58.8 85.8 96.8 58.4 59.6 82.6 96.8 56.6 58.8 87.7 104.1 57.9 59.4 11.9 10.0 1.0 1.0	No Fung Fung No Fung Fung No fung 71.6 110.8 54.8 58.5 11.4 84.6 109.7 57.9 60.0 10.9 84.2 109.2 57.9 59.7 11.3 89.8 108.2 57.3 58.8 11.8 105.7 107.3 59.1 59.6 10.8 92.9 107.1 59.2 59.9 11.6 87.8 104.5 58.2 59.5 11.7 99.5 102.9 59.3 59.8 11.6 89.8 102.7 57.9 58.7 12.1 89.1 99.3 59.3 60.1 10.7 76.7 98.2 56.8 58.8 11.9 85.8 96.8 58.4 59.6 12.2 82.6 96.8 56.6 58.8 11.7 87.7 104.1 57.9 59.4 11.5 11.9 10.0 59.4 11

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Seeding date: September 26, 2009 Seeding rate: 1.2 million PLS/A Seed treatment: Proceed Plus

Fertilizer:

• 100 lbs 11-52-0 with seed

• 175 lbs (81 lbs N) Urea in deep band with drill

• 30 gpa (90 lbs N) UAN at 3 leaf - stream bars

Fungicides:

• Stratego 5 fl. oz/A with herbicide

 Prosaro 6.5 fl. oz/A from fully headed to early flower (All treated varieties received the Prosaro application the same day which caused some varieties to receive it early and some after the desired early flower stage of application of Feekes 10.51.)

Seeding equipment:

Horsch Anderson Drill with AE-15 dry Anderson openers

Prior crop: Canola

Winter Cereals: Sustainability in Action
is a joint research and education initiative of Ducks Unlimited
and Bayer CropScience. The initiative promotes improving
agricultural productivity while maintaining habitat for wildlife by
increasing winter wheat acres in the Prairie Pothole Region.

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