



Edgeley, ND ■ Winter Wheat Variety Trial

2010 Performance Results - Van & Deanna Gross, Cooperators

Variety	Yield (bu/A)		Test Weight (lb/Bu)		Protein %		Lodging Score*	
	No Fung	Fung	No Fung	Fung	No fung	Fung	No fung	Fung
SY Wolf	77.3	92.5	56.1	56.3	13.2	13.0	1.3	1.0
Decade (MT0552)	84.1	89.3	56.1	56.3	13.4	13.9	1.0	1.0
Smoky Hill	85.4	88.0	56.5	55.8	12.9	13.3	1.3	2.3
SD05118-1	71.2	87.2	56.7	56.4	13.0	13.0	2.0	3.3
Hawken	83.5	85.8	56.2	55.4	13.6	13.9	1.3	1.3
CA9W07-817	70.5	85.1	57.3	57.3	12.7	13.4	2.7	2.5
Boomer	60.1	84.4	55.9	55.9	12.8	13.1	2.0	1.8
Millennium	76.8	82.8	58.2	57.0	13.1	13.0	3.0	4.3
Peregrine	67.9	77.5	57.9	57.6	12.5	12.7	3.7	3.7
NI044212	49.8	77.4	54.4	54.7	13.0	12.9	6.0	5.0
Lyman	73.1	77.3	57.2	56.4	13.0	13.4	7.0	6.3
Overland	82.6	73.6	57.6	57.3	12.7	13.0	2.3	3.7
Darrell	81.1	71.6	57.8	55.5	12.8	13.2	1.3	2.3
Camelot	74.8	70.9	55.5	56.6	13.0	13.2	5.0	4.3
Expedition	62.2	70.9	56.8	57.0	12.7	12.9	4.7	5.3
Jerry	68.9	70.6	56.0	56.6	13.1	13.3	3.0	3.3
CDC Falcon	61.3	70.5	56.6	55.9	13.1	13.3	2.7	2.5
Mace	65.6	70.3	56.0	55.9	12.4	12.9	5.0	4.3
Striker	57.5	70.2	56.5	56.6	13.0	13.2	2.0	2.2
Wesley	59.9	67.6	55.5	55.5	13.6	13.6	1.7	2.0
Art	66.0	66.3	56.0	56.2	13.4	13.7	4.7	5.3
Accipiter	64.2	66.1	55.5	56.5	12.6	13.0	1.7	1.8
Mean	70.2	77.1	56.5	56.3	13.0	13.2	3.0	3.2
LSD 5%	19.8		1.5		0.5		1.5	
CV%	16.6		1.7		2.6		31.8	

Seeding date: October 24, 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
- 27 gpa (81 lbs N) UAN at 3 leaf - stream bars

Fungicides:

- Stratego 5 fl. oz/A with herbicide
- Prostaro 6.5 fl. oz/A from fully headed to early flower
(The entire plot received an accidental aerial application of Folicur at 4 oz/A one day prior to the Prostaro application. All treated varieties received the Prostaro 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: HRSW

Sponsors

Ducks Unlimited, NDSU, Bayer CropScience, Carrington Research & Extension Center, Horsch Anderson, AGVISE Laboratories, Bismarck Fertilizer, Allied Agronomy, Mosaic Fertilizer, LLC, INTX, TerraMax, Inc., Novozymes, TJ Technologies, Inc., LaMoure County SCD, Stutsman, LaMoure & Dickey County Extension Offices, ND Foundation Seed, SD Foundation Seed, AgriPro, WestBred, Western Ag Labs, B&B Seed Farms

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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