



Winter Cereals

Sustainability in Action

Roslyn, SD ■ Winter Wheat Variety Trial

2010 Performance Results - Bill & Ron Simonson, Cooperators

Variety	Yield (bu/A)		Test Weight (lb/Bu)		Protein %		Lodging Score*	
	No Fung	Fung	No Fung	Fung	No fung	Fung	No fung	Fung
Overland	89.9	101.9	56.9	57.2	11.8	12.3	3.3	4.3
Accipiter	86.5	94.8	56.1	57.3	11.8	11.7	2.2	2.7
CDC Falcon	83.8	93.2	54.6	56.3	12.1	12.3	4.2	2.5
Smoky Hill	72.9	92.7	52.6	55.4	12.2	12.6	2.7	3.7
Striker	83.3	91.3	56.1	56.2	12.7	13.0	2.7	1.8
Expedition	77.6	90.9	55.5	56.7	13.0	13.4	5.0	4.5
Millennium	80.9	89.1	57.0	55.4	11.7	11.7	2.8	4.2
Boomer	86.1	87.2	55.3	56.0	12.3	12.4	3.5	2.5
Camelot	78.3	83.4	56.0	57.2	12.8	12.2	5.8	5.5
Peregrine	80.2	82.5	57.5	58.1	11.8	12.3	4.3	4.7
Mean	81.9	90.7	55.8	56.6	12.2	12.4	3.7	3.6
LSD 5%	16.1		3.8		1.4		3.1	
CV%	11.3		4.3		7.1		7.1	

Seeding date: September 30, 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
- 21.8 gpa (65 lbs N) UAN at 5 leaf - stream bars

Fungicides:

- Stratego 5 fl. oz/A with herbicide
 - Prosoaro 6.5 fl. oz/A from fully headed to early flower
- (All treated varieties received the Prosoaro 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: Flax

Sponsors

Ducks Unlimited, SDSU, Bayer CropScience, SD Wheat, Inc., Horsch Anderson, SD Wheat Commission, SD Cooperative Extension Service, Day Conservation District, 4 Seasons Coop, AGVISE Laboratories, NRCS, Western Ag Labs, SD Foundation Seed, WestBred, ND Foundation Seed, AgriPro

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.

Call 701.355.3500 or visit www.ducks.org

