



Leola, SD ■ Winter Wheat Variety Trial

2010 Performance Results - Scott Schauer, Cooperator

Variety	Yield (bu/A)		Test Weight (lb/Bu)		Protein %	
	No Fung	Fung	No Fung	Fung	No fung	Fung
Accipiter	48.7	78.7	54.1	52.4	12.2	12.0
Alice	47.3	76.3	52.9	52.8	12.3	12.2
Art	59.1	63.6	50.3	53.1	13.1	13.0
Boomer	60.0	74.4	52.1	52.6	12.9	12.3
CA9W07-817	48.0	74.2	54.2	55.0	12.8	12.7
Camelot	53.8	68.7	50.1	55.0	12.6	12.4
CDc Falcon	50.1	73.1	54.7	53.1	12.5	12.2
Darrell	58.1	71.1	55.9	51.2	11.7	12.0
Decade (MT0552)	63.3	72.2	50.3	54.6	11.8	12.3
Expedition	57.1	67.0	54.7	54.7	12.0	12.4
Hawken	53.2	65.1	51.4	49.5	13.7	12.9
Jerry	47.9	84.8	53.6	54.8	12.3	12.8
Lyman	57.4	70.1	56.8	57.5	12.6	12.3
Mace	51.8	69.4	50.1	52.7	12.9	12.3
Millennium	60.3	44.8	55.2	53.1	11.9	11.9
NI044212	41.3	59.6	50.4	54.7	12.2	11.9
Overland	58.7	82.0	52.6	55.7	11.6	11.8
Peregrine	60.7	72.0	53.3	56.0	11.2	11.7
Smokey Hill	58.8	78.8	51.7	54.6	12.3	12.0
Striker	51.4	63.1	52.3	52.8	12.5	12.8
Wesley	54.5	60.9	50.3	53.0	12.9	12.6
Mean	54.5	71.6	52.7	53.8	12.4	12.3
LSD 5%	16.3		3.8		1.1	
CV%	15.9		4.4		5.2	

Seeding date: September 30, 2009

Seeding rate: 1.2 million PLS/A

Seed treatment: Proceed Plus

Fertilizer:

- 100 lbs 11-52-0 with seed
- 12.1 gpa (36 lbs N) UAN at 3 leaf - stream bars
- 27 gpa (81 lbs N) UAN at 5 leaf - stream bars

Fungicides:

- Stratego 5 fl. oz/A with herbicide
- Prostaro 6.5 fl. oz/A from fully headed to early flower
(All treated varieties received the Prostaro application the same day which caused some varieties to be applied 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, SDSU, Bayer CropScience, SD Wheat, Inc., AGVISE Laboratories, Horsch Anderson, SD Wheat Commission, SD Foundation Seed, SD Cooperative Extension Service, Greg Richter, McPherson Conservation District, NRCS, North Central Farmers, WestBred, ND Foundation Seed, North Central Farmers, AgriPro, Western Ag Labs

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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