



Winter Cereals

Sustainability in Action



Berthold, ND ■ Winter Wheat Variety Trial

2010 Performance Results - Mark Birdsall, Cooperator

Variety	Plant Height (Inches)	Yield (bu/A)		Test Weight (lb/Bu)		Protein %	
		No Fung	Fung	No Fung	Fung	No fung	Fung
Darrell	37.0	90	130	59.8	61.6	12.3	13.2
Overland	36.5	100	128	60.4	61.9	12.5	12.6
Boomer	36.8	92	125	58.3	60.8	12.7	12.5
Decade	35.8	83	125	57.6	61.3	12.9	13.8
Millennium	36.5	93	124	60.2	61.9	12.7	12.9
Striker	33.5	91	124	59.7	61.8	13.1	13.6
Carter	32.0	71	121	58.5	61.5	13.5	12.7
CDC Falcon	33.8	85	119	58.2	61.0	12.8	12.6
Jerry	40.3	93	118	59.0	60.7	13.3	13.5
Hawken	31.5	77	111	58.9	61.3	13.0	13.9
CDC Accipiter	35.8	78	111	58.6	60.6	12.4	12.7
Peregrine	41.3	86	106	59.9	61.2	12.1	12.6
Mean	35.6	87	120	59.1	61.3	12.8	13.1
LSD 5%	1.3		16		1.6		0.7
CV%	2.5		11		1.9		3.6

The trial was planted September 29, 2009 on previous wheat residue. The fungicide treatment included Tilt at 2 oz/A when the herbicides were applied at the 5-leaf stage; 7 oz/A Stratego when the varieties were at the flag leaf stage and Prosaro at 6.5 oz/A applied when the varieties were fully headed to early flower (Feekes 10.51). The trial was harvested August 9, 2010. Nitrogen was applied for an 85 Bu/A yield using 2.25 lbs N/Bu.

Sponsors:



Kent McKay, President

NDSU - North Central Research Ext. Center

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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