



# Winter Cereals

*Sustainability in Action*

## Minot, ND ♦ Winter Wheat Variety Trial

### 2012 Performance Results -- NDSU North Central Research Extension Center

Variety	Yield (bu/a)		Test Wt (lb/bu)		Protein (%)	
	Fung	No Fung	Fung	No Fung	Fung	No Fung
Accipiter	105.5	97.4	59.5	60.9		
CSWW-10-001	101.4	88.3	57.5	58.7		
Boomer	100.8	98.2	60.3	61.0		
Carter	98.2	84.1	59.8	60.9		
NE05496	98.0	77.9	59.1	60.9		
WB Matlock	97.2	88.1	60.1	59.7		
SD06158	95.9	92.8	59.8	60.0		
Peregrine	95.7	97.5	58.9	60.3		
T158	95.6	80.4	60.3	61.0		
Decade	95.5	82.3	60.6	60.9		
CDC Falcon	95.2	90.1	60.5	59.9		
Broadview	94.8	100.2	60.4	60.8		
NI08708	93.7	75.4	59.3	58.8		
Radiant	92.7	88.6	57.2	61.0		
Jerry	92.5	93.4	59.3	60.3		
SD07165	90.8	83.5	60.1	60.7		
Ideal	89.8	97.5	60.1	60.9		
Hawken	89.8	80.1	60.0	60.7		
Robidoux	87.4	85.1	59.1	60.6		
Art	84.1	89.6	60.1	59.9		
Smoky Hill	84.1	75.7	60.5	59.2		
SD05058-1	83.9	76.5	59.3	60.3		
SY Wolf	83.6	87.5	56.8	57.5		
Darrell	82.9	83.7	59.3	60.4		
McGill	82.3	78.2	60.4	59.5		
Expedition	82.0	77.4	60.5	60.4		
SD07184	81.2	74.7	59.3	59.8		
SD08080	80.0	91.3	59.7	60.0		
Wesley	79.1	83.8	60.0	60.9		
Lyman	78.5	89.8	60.2	60.6		
Overland	77.7	76.8	59.4	59.7		
Mean:	90.0	86.0	59.6	60.2		
Fung Resp:		4.0		-0.6		
LSD 5%:		18.0		1.6		
CV%:		12.7		1.7		

**Seeding Date:** September 27, 2011

**Seeding Rate:** 1.2 million PLS/a

**Seed Treatment:** Proceed + Gaucho

**Herbicide:** 1.7 pt/a Wolverine

**Fung.Treatment:** 5 oz/a Stratego w/ herb.  
6.5 oz/a Prosoaro at early flower

**N Fert:** 50 lb/a N as urea at seeding  
150 lb/a N as urea on 5/17/2012

**Starter Fert:** No starter

**Seeder:** Almaco 4 foot disk drill

**Prior Crop:** Prevent Plant with Flax Cover Crop

**Soil Test N (0-24"): 217 lb/a**  
**Soil Test (Olsen) P: 32 ppm (H)**  
**Soil Test Org Matter: 2.9%**

#### Winter Cereals: Sustainability in Action

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

#### Sponsors

Ducks Unlimited, NDSU, Bayer CropScience, Horsch Anderson Winfield Solutions, ND Foundation Seed, SD Foundation Seed AgriPro, WestBred, Western Ag Labs, Limagrain Cereal Seeds United Agronomy -- Berthold, Wholesale Ag Products West AGVISE Laboratories

