

2010 HARD SPRING WHEAT VARIETY

WILLISTON RESEARCH EXTENSION CENTER

Grain Cultivar	Days to Head	Plant Height inches	Leaf Disease		Rust	Stem	1000	Grain	Test	Seeds/ Pound	--- Grain Yield ---			-- Average --	
			BB	TS	Stripe	Break	KWT	Protein	Weight		2008	2009	2010	2 yr	3 yr
											----- bu/a -----				
			%	0-9	%	%	gms	%	lb/bu						
			a	b	c	d									
AC Lillian	66.0	33.0	2	3	0	10.0	27.2	15.1	57.6	16695	35.9	40.3	42.1	41.2	39.4
AC Vista	64.8	31.4	1	4	2	48.3	31.4	13.5	56.2	14470	38.9	41.4	45.9	43.6	42.1
Agawam	59.3	30.0	5	6	1	13.3	30.9	13.6	59.3	14721	41.1	39.9	41.4	40.7	40.8
Albany	65.0	28.7	2	6	8	35.0	25.4	13.3	56.7	17911	--	--	37.5	--	--
Alpine	63.8	31.5	2	5	5	15.0	27.2	13.4	58.6	16680	--	44.6	45.0	44.8	--
Alsen	63.3	30.5	2	4	1	56.7	26.4	14.4	58.8	17217	36.9	43.0	38.7	40.9	39.6
Amidon	63.3	37.2	10	6	5	88.3	25.9	13.6	58.3	17522	37.8	44.8	34.5	39.6	39.0
AP604CL	62.3	33.4	10	6	0	86.7	23.7	15.3	56.6	19171	36.8	43.7	34.7	39.2	38.4
AP605CL	60.5	33.4	1	5	10	73.3	23.2	15.9	57.1	19600	--	44.3	35.9	40.1	--
Barlow	62.3	33.1	1	4	8	68.3	26.2	14.1	59.3	17304	37.9	42.3	42.8	42.5	41.0
Blade	64.8	29.0	10	7	0	66.7	26.6	15.1	59.5	17069	37.6	45.1	37.5	41.3	40.1
Breaker	63.3	29.9	5	5	3	56.7	25.8	15.6	59.3	17574	37.1	41.6	38.6	40.1	39.1
Brennan	60.3	29.6	1	5	15	35.0	25.5	14.3	58.8	17783	48.0	42.0	44.4	43.2	44.8
Brick	59.5	34.7	35	6	8	78.3	25.8	14.6	58.8	17573	39.8	43.4	35.1	39.3	39.4
Briggs	61.3	35.0	5	6	12	83.3	26.0	14.6	58.4	17477	37.2	44.5	36.8	40.7	39.5
Brogan	63.3	31.3	5	4	5	75.0	26.0	14.7	58.6	17466	--	45.1	39.7	42.4	--
Carberry	61.0	31.1	10	5	1	91.7	25.0	15.7	56.1	18134	--	--	39.4	--	--
Choteau	63.5	28.4	5	5	5	46.7	25.2	15.3	56.4	18027	36.5	44.0	38.2	41.1	39.6
Choteau/Steele	63.3	33.4	10	5	10	65.0	24.5	14.4	56.3	18508	--	--	41.7	--	--
Conan	62.3	27.9	10	5	1	33.3	27.6	14.9	58.3	16447	40.2	41.1	40.4	40.7	40.5
Corbin	61.8	31.4	5	5	0	16.7	26.8	14.7	56.0	16993	40.6	43.7	40.0	41.8	41.4
Cromwell	64.8	29.7	1	5	10	48.3	24.4	16.1	57.0	18614	38.0	39.8	37.6	38.7	38.5
Dapps	64.0	37.2	1	3	2	58.3	26.9	15.1	57.1	16891	33.4	41.6	35.7	38.6	36.9
Edge	61.8	30.7	1	4	0	16.7	26.8	15.9	55.3	16961	41.3	--	41.0	--	--
Faller	66.3	31.7	1	3	8	63.3	26.0	13.9	54.7	17489	32.8	40.9	36.1	38.5	36.6
Freyr	63.8	31.8	1	4	3	20.0	27.0	14.2	58.4	16804	34.8	43.9	40.7	42.3	39.8
Glenn	61.3	36.8	1	3	2	70.0	27.4	14.4	61.7	16573	37.7	42.6	37.9	40.3	39.4
Granger	63.8	35.5	10	5	8	56.7	28.9	13.5	58.4	15717	38.0	48.1	38.0	43.0	41.4
Granite	65.5	28.6	2	5	3	33.3	25.9	15.3	61.5	17510	37.3	42.3	34.0	38.2	37.9
Hat Trick	62.8	31.6	10	5	20	80.0	24.5	14.9	56.4	18546	--	--	36.0	--	--
Howard	63.8	32.9	5	5	8	85.0	24.2	14.2	55.7	18757	37.5	44.3	38.0	41.2	40.0
Jenna	66.8	28.5	1	4	5	36.7	27.9	14.5	55.9	16269	39.0	43.3	43.0	43.1	41.7
Kelby	60.3	28.9	5	5	15	30.0	25.8	13.8	59.5	17628	41.1	41.1	43.5	42.3	41.9
Knudson	64.3	30.0	10	5	10	45.0	26.2	14.5	57.2	17303	36.2	45.0	41.1	43.1	40.8
Kuntz	63.0	28.7	15	6	5	38.3	24.2	14.5	56.4	18755	38.6	47.3	38.5	42.9	41.5
Lolo	64.0	30.0	15	6	5	36.7	29.1	13.4	57.9	15612	40.1	47.1	39.2	43.2	42.2
McNeal	65.3	31.8	10	6	10	76.7	27.7	14.5	56.4	16419	38.9	43.4	39.5	41.4	40.6
Mott	65.5	31.9	1	3	5	70.0	24.5	15.5	58.1	18531	35.8	42.2	34.8	38.5	37.6
Mott/Steele-ND	63.0	32.5	10	6	5	91.7	22.9	15.5	55.5	19858	--	--	37.4	--	--
Muchmore	62.5	30.2	2	5	2	85.0	25.0	15.0	55.3	18289	--	--	41.5	--	--
ND901CL Plus	62.5	37.1	5	5	7	93.3	26.7	16.1	59.4	17009	--	43.4	37.2	40.3	--

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		inches	%	0-9	%	%	gms	%	lb/bu	----- bu/a -----					
			a	b	c	d									
O'Neal	64.3	30.8	5	4	0	40.0	27.7	13.8	59.0	16387	--	--	47.2	--	--
Otis	63.5	33.4	2	4	0	31.7	27.7	13.2	58.2	16415	37.5	46.8	43.3	45.1	42.5
Outlook	65.5	31.2	15	5	10	43.3	26.8	13.8	56.7	16955	40.6	44.7	39.5	42.1	41.6
Parshall	62.3	38.0	5	5	1	93.3	25.8	14.8	58.5	17618	35.4	46.8	38.0	42.4	40.1
RB07	59.8	30.6	1	3	5	26.7	26.3	14.1	59.1	17291	40.8	41.6	42.7	42.2	41.7
Reeder	63.0	31.3	2	3	5	61.7	26.8	13.9	59.0	16936	42.6	45.1	44.5	44.8	44.1
Sabin	65.0	33.6	1	3	0	18.3	26.8	14.2	58.5	16919	39.0	41.9	44.3	43.1	41.7
Samson	62.3	28.9	10	6	5	75.0	24.4	15.3	55.3	18609	42.8	44.7	40.2	42.4	42.6
Select	59.0	37.3	50	5	10	58.3	24.3	15.1	57.1	18702	38.5	43.6	36.5	40.0	39.5
Steele-ND	63.3	32.9	5	5	8	75.0	25.3	14.3	57.0	17987	39.1	43.2	39.5	41.3	40.6
Tom	62.8	29.6	5	6	5	68.3	28.4	14.6	57.6	16005	38.3	44.2	36.9	40.6	39.8
Ulen	62.3	33.3	10	4	1	76.7	29.5	13.4	59.3	15388	43.0	40.3	40.2	40.2	41.1
Vantage	66.3	27.6	2	5	1	65.0	24.3	17.8	60.1	18677	37.9	43.0	36.2	39.6	39.0
Vida	64.3	30.9	5	3	10	16.7	26.4	14.7	55.9	17217	42.3	45.0	44.0	44.5	43.7
WB-Digger	63.5	30.6	10	4	5	50.0	26.4	13.8	56.3	17204	--	--	45.0	--	--
MEAN	63.1	31.8	6.6	4.6	4.8	55.5	26.2	14.6	57.4	17401	38.1	43.6	39.6	--	--
C.V. %	1.3	4.1	--	--	--	31.4	2.9	5.1	1.6	3	4.8	9.6	6.98	--	--
LSD 5%	1.1	1.8	--	--	--	28.1	1.5	1.5	1.9	1025	2.5	5.8	3.85	--	--

a BB = Bacterial Blight severity visually rated as an average of all leaves affected.

b TS = Tan Spot severity visually rated on the flag leaf only.

c Leaf and stripe rust severity visually rated on the flag leaf only.

d Stem breakage from an August 1st wind storm.

Planted: April 23 into tilled soybean cover crop residue from 2009.

Harvested: August 4