

2010 DURUM VARIETY

WILLISTON RESEARCH EXTENSION CENTER

Grain Cultivar	Days to head	Plant Height	Leaf Disease		Stripe Rust	Stem Break	1000 KWT	Grain Protein	Test Weight	Seeds/ Pound	--- Grain Yield ---			- Average -	
			BB	TS							2008	2009	2010	2 yr	3 yr
		inches	%	0-9	%	%	gms	%	lb/b		----- bu/a -----				
			a	b	c	d									
AC Avonlea	61.8	35.4	10	7	0	46.7	33.3	15.0	59.0	13653	33.7	35.7	37.1	36.4	35.5
AC Navigator	62.8	27.8	1	7	1	38.3	32.3	14.9	59.7	14062	36.1	32.6	38.4	35.5	35.7
Alkabo	62.0	34.3	1	4	5	28.3	34.3	15.0	60.3	13243	35.9	38.2	42.3	40.2	38.8
Alzada	59.3	28.8	5	7	0	48.3	32.6	15.1	58.2	13930	35.3	36.0	36.8	36.4	36.0
Belzer	63.0	36.5	5	6	0	26.7	32.8	14.6	58.5	13840	31.4	35.5	38.8	37.2	35.2
Ben	60.8	35.2	5	3	1	33.3	33.4	16.2	60.0	13613	35.8	35.1	36.3	35.7	35.7
CDC Verona	62.8	32.8	10	5	0	65.0	31.8	15.9	58.7	14277	31.5	36.4	32.9	34.6	33.6
Commander	63.8	28.9	0	6	1	23.3	33.8	15.0	59.2	13455	36.6	36.6	40.6	38.6	37.9
DG Star	60.3	34.6	10	6	0	13.3	33.4	13.6	60.3	13605	34.9	35.6	36.5	36.1	35.7
DG Max	62.8	34.9	2	3	1	13.3	35.2	14.5	60.9	12916	32.7	33.6	38.3	36.0	34.9
Dilse	63.3	33.4	5	3	0	20.0	32.3	15.2	59.8	14055	34.4	32.9	37.5	35.2	34.9
Divide	62.8	34.2	1	5	0	61.7	33.2	15.4	59.4	13676	34.5	36.3	32.9	34.6	34.6
Grande D'oro	62.0	33.1	10	6	20	8.3	32.7	15.2	60.4	13900	33.7	36.2	37.1	36.7	35.7
Grenora	61.8	33.2	1	4	1	18.3	32.6	14.9	58.7	13911	34.2	36.4	39.1	37.8	36.6
Kyle	64.3	38.9	0	3	0	35.0	33.3	14.9	59.1	13618	31.4	33.8	37.2	35.5	34.1
Lebsock	62.0	33.1	1	3	7	25.0	33.7	14.0	61.3	13468	33.5	34.4	37.1	35.8	35.0
Maier	62.3	34.2	3	3	1	20.0	32.4	14.4	59.6	13998	34.6	32.9	37.4	35.2	35.0
Mountrail	61.8	32.2	20	4	7	38.3	30.0	15.9	57.7	15142	33.3	40.7	35.0	37.9	36.3
Pierce	62.3	34.5	2	3	0	21.7	31.5	14.5	60.6	14396	32.5	34.1	36.2	35.2	34.3
Plaza	63.5	29.4	1	3	1	35.0	30.9	14.9	58.5	14734	32.0	37.0	36.1	36.6	35.0
Renville	62.0	37.2	10	6	0	33.3	30.6	14.5	59.3	14819	31.7	35.3	36.2	35.7	34.4
Rugby	60.5	37.6	15	6	5	50.0	30.7	15.6	59.7	14810	--	--	33.6	--	--
Strongfield	62.0	34.4	10	6	0	51.7	30.6	15.5	58.1	14854	32.4	35.3	39.6	37.4	35.8
Tioga	62.8	37.1	10	5	0	46.7	31.4	15.5	59.5	14451	33.9	38.9	37.7	38.3	36.8
Wales	61.5	33.1	3	5	0	16.7	33.5	14.9	60.2	13556	32.3	35.4	39.4	37.4	35.7
Ward	60.3	38.0	10	6	5	63.3	32.3	16.0	59.5	14052	30.8	35.5	34.5	35.0	33.6
Westhope	61.0	32.4	15	4	5	30.0	32.8	16.3	60.1	13860	--	36.4	36.3	36.4	--
MEAN	62.0	33.4	6.3	4.7	2.5	28.4	32.2	15.1	59.6	14108	33.7	35.57	36.8	36.2	35.4
C.V. %	0.9	3.7	--	--	--	47.4	2.4	4.1	0.6	2	5.0	5.45	8.1	6.8	6.2
LSD 5%	0.8	1.7	--	--	--	21.8	1.5	1.3	0.7	661	2.4	2.71	4.2	3.5	3.1

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 27 into tilled soybean cover crop residue from 2009.

Harvested: August 5