

2009 BARLEY VARIETY

WILLISTON RESEARCH EXTENSION CENTER - DIVIDE COUNTY, CROSBY

Cultivar	Plant	Test	Grain	%	%	----- Grain Yield -----			Average Yield	
	Height	Weight	Protein	Plump	Thin	2007	2008	2009	2 yr	3 yr
	inches	lbs/bu	%	>6/64	<5/64	----- bus/a -----			-----	
Six Row										
Drummond	27	50.4	11.8	90.5	1.8	78.2	59.1	65.2	62.2	67.5
Lacey	25	51.1	12.5	93.7	1.4	85.8	73.4	74.5	73.9	77.9
Legacy	23	49.2	*	92.4	1.2	83.0	68.2	70.1	69.2	73.8
Rasmusson	22	51.0	11.7	92.5	1.4	--	74.5	74.8	74.6	--
Celebration	27	51.1	11.9	91.5	1.5	--	--	73.5	--	--
Stellar-ND	24	50.0	11.7	93.3	1.3	85.8	63.3	72.7	68.0	73.9
Tradition	28	51.1	11.1	93.1	1.5	86.6	63.0	69.1	66.1	72.9
Two Row										
AC Melcalfe	29	53.8	12.3	90.0	2.9	80.8	66.0	73.6	69.8	73.5
CDC Copeland	28	52.5	10.2	92.5	2.0	88.0	65.1	69.9	67.5	74.3
Conlon	26	53.5	12.7	97.0	0.9	43.0	53.0	37.5	45.3	44.5
Conrad	25	52.5	12.1	92.0	1.7	80.3	69.1	72.8	71.0	74.1
Pinnacle	28	54.0	10.5	96.4	0.7	94.7	81.6	84.5	83.0	86.9
Champion	27	53.7	10.6	93.0	1.0	--	--	92.7	--	--
BG 46e	26	51.4	11.5	4.4	90.0	--	--	44.9	--	--
MEAN	26	51.5	11.6	86.9	7.4	80.5	67.3	69.4	--	--
C.V. %	7	0.8	5.5	1.9	13.6	6.9	9.1	8.9	--	--
LSD 5%	3	0.9	1.4	3.6	2.2	9.5	10.3	10.3	--	--

Planted: May 12 notill into durum stubble.

Harvested: August 27

Grain protein percentages reported on a 0% moisture basis.

* Covered smut caused discoloration of the seed so % protein could not be read by the NIR. Not included in the analysis.