

2008 BARLEY VARIETY

WILLISTON RESEARCH EXTENSION CENTER - BURKE COUNTY, POWERS LAKE

Cultivar	Plant	Test	Grain	%	%	----- Grain Yield -----			<u>Average Yield</u>	
	Height	Weight	Protein	Plump	Thin	2006	2007	2008	2 yr	3 yr
	inches	lbs/bu	%	>6/64	<5/64	-----Bushels per acre -----				
Six Row										
Drummond	26	48.0	12.0	70.3	3.5	65.7	71.2	54.9	63.1	63.9
Lacey	26	49.7	11.4	83.6	1.2	60.2	71.6	63.2	67.4	65.0
Legacy	26	48.1	11.0	77.6	1.5	54.6	80.8	64.6	72.7	66.7
Rasmusson	26	46.4	11.0	76.7	1.2	--	--	62.7	--	--
Robust	27	48.3	11.5	68.5	1.9	46.6	61.3	53.7	57.5	53.9
Stellar-ND	25	49.0	11.3	85.5	1.1	46.1	70.0	56.8	63.4	57.7
Tradition	26	50.4	11.6	85.9	0.6	69.0	76.2	60.0	68.1	68.4
Two Row										
AC Melcalfe	25	50.3	11.5	70.9	1.6	50.2	59.8	66.3	63.0	58.7
CDC Copeland	22	47.5	10.9	77.6	2.1	--	69.7	63.8	66.7	--
Conlon	24	52.1	11.6	97.4	0.5	59.3	52.6	48.5	50.5	53.5
Conrad	21	50.1	11.3	87.7	1.4	--	68.6	64.3	66.4	--
Hockett	23	50.6	10.6	85.3	1.1	--	--	63.1	--	--
Pinnacle	26	52.5	9.6	95.9	0.7	62.6	83.3	81.5	82.4	75.8
Rawson	27	52.3	11.2	96.9	0.7	66.6	76.7	71.3	74.0	71.5
Scarlett	21	49.9	11.7	87.2	1.7	--	--	68.9	--	--
TRIAL MEAN	25	49.7	11.2	83.1	1.4	58.5	70.1	62.9	--	--
C.V. %	6	2.9	4.1	10.5	63.4	9.6	9.8	10.6	--	--
LSD 5%	3	3.1	1.0	NS	NS	9.5	11.7	11.2	--	--

Planted: May 6th notill into durum stubble.

Harvested: August 20

Grain protein percentages reported on a 0% moisture basis.