

2008 BARLEY VARIETY

WILLISTON RESEARCH EXTENSION CENTER - MCKENZIE COUNTY, ARNEGARD

Cultivar	Plant Height	Test Weight	Grain Protein	% Plump	% Thin	----- Grain Yield -----			<u>Average Yield</u>	
	inches	lbs/bu	%	>6/64	<5/64	2006	2007	2008	2 yr	3 yr
-----Bushels per acre -----										
Six Row										
Drummond	22	48.9	17.1	62.6	5.7	69.5	56.9	26.0	41.4	50.8
Lacey	19	47.1	17.0	59.9	6.2	79.6	60.7	17.3	39.0	52.5
Legacy	20	45.3	16.8	42.4	11.5	61.8	61.6	17.9	39.8	47.1
Rasmusson	20	44.1	17.1	39.1	12.5	--	--	20.0	--	--
Robust	20	48.3	16.7	61.4	5.6	73.3	59.7	18.6	39.2	50.6
Stellar-ND	18	44.2	16.4	47.9	10.3	79.4	62.4	22.3	42.3	54.7
Tradition	19	48.4	16.1	61.9	4.8	80.2	71.1	20.1	45.6	57.1
Two Row										
AC Melcalfe	20	49.3	17.6	56.8	4.8	65.5	61.5	25.0	43.2	50.6
CDC Copeland	19	48.9	17.5	60.2	6.6	--	62.3	20.2	41.3	27.5
Conlon	21	49.8	16.5	83.0	1.9	82.6	51.5	26.3	38.9	53.5
Conrad	18	48.5	17.5	46.8	9.3	--	67.5	29.8	48.7	32.4
Hockett	20	50.3	17.1	60.2	5.0	--	--	25.0	--	--
Pinnacle	19	45.0	15.8	32.7	15.2	75.6	63.9	19.6	41.8	53.0
Rawson	20	49.8	15.1	71.2	3.8	69.8	53.2	21.6	37.4	48.2
Scarlett	16	50.1	17.3	57.0	6.1	--	--	31.9	--	--
TRIAL MEAN	19	47.9	16.8	56.2	7.3	73.5	61.0	22.8	--	--
C.V. %	9	3.0	4.0	26.8	44.0	5.6	9.1	25.6	--	--
LSD 5%	NS	3.1	NS	NS	6.9	6.9	9.4	NS	--	--

Planted: April 28th no till into durum stubble.

Harvested: August 12

Grain protein percentages reported on a 0% moisture basis.