



Public Barley Yield Trial Mohall, ND 2007



		Agronomics															
		Yield		Moisture		Test Weight		Protein		Plump		Thin		Stem Breakage		Height	
Variety	Row	bu/ac	Rank	%	Rank	lb	Rank	%	Rank	%	Rank	%	Rank	*1-9	Rank	Inch	Rank
Lacey	6	112.5	1	13.0	6	48.5	2	13.8	5	87.4	3	1.3	1	3.3	5	37.3	3
Legacy	6	111.5	2	12.6	2	46.7	8	13.6	3	81.5	10	2.1	6	3.3	6	38.5	6
Drummond	6	109.4	3	12.9	4	47.7	5	13.9	6	82.7	8	1.7	4	4.0	9	39.3	9
Stellar-ND	6	106.7	4	12.3	1	46.3	9	13.5	2	86.7	4	1.4	2	4.0	8	36.8	2
Tradition	6	106.6	5	12.9	5	47.9	3	13.6	4	85.5	5	1.5	3	2.3	4	38.8	8
Robust	6	103.4	6	13.2	7	47.8	4	14.1	9	84.7	6	1.7	5	4.7	10	39.3	10
Rawson	2	99.2	7	14.8	10	47.0	7	13.1	1	93.3	1	3.3	8	1.0	1	38.5	7
CDC Copeland	2	96.6	8	12.7	3	45.3	10	14.0	7	82.3	9	8.3	10	2.0	3	37.8	5
Conlon	2	95.4	9	13.8	9	49.9	1	14.0	8	92.7	2	3.2	7	4.0	7	36.5	1
AC Metcalfe	2	93.9	10	13.6	8	47.2	6	14.3	10	83.8	7	6.8	9	2.0	2	37.3	4
LSD (P=.05)	6.28		0.37		0.96		0.33		3.72		1.44		1.39		1.76		
Standard Deviation	4.33		0.26		0.66		0.23		2.56		0.99		0.81		1.21		
CV	4.18		2.51		1.39		1.67		2.98		31.95		26.40		3.20		
Grand Mean	103.52		13.16		47.42		13.77		86.04		3.11		3.07		37.98		
* 1 = best & 9 = worst																	

		Comments
Seeding Type	Zero-Till	Plots were seeded with a Great Plains No-till drill and straight combined. Yields are converted to 14.5% moisture. Proteins, which are above the recommended levels, are high due to an excess of residual soil nitrogen in the trial area. Plump and thins are within the recommended guidelines. All varieties fell below the 0.5 ppm maximum guideline for DON.
Location	Mohall, ND - Renville County	
Plot size	5 ft x 25 ft - 4 replicates	
Planting Date	May 3rd, 2007	
Harvest Date	August 8th, 2007	
Fertility	25 lbs P and 100 lbs N	
Herbicides	Axial + Widematch + MCPA	
Fungicide	Headline at 4-5 leaf	