



Public Barley Yield Trial Velva, ND 2008

		Yield		Agronomics													
				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
Pinnacle	2	110.9	1	12.9	14	50.1	2	11.8	14	94.0	2	2.8	8	2.0	4	32.0	2
Tradition	6	99.6	2	10.3	9	49.1	3	13.4	7	87.6	5	1.0	2	2.3	6	34.3	12
Hockett	2	97.8	3	12.0	12	48.5	4	13.2	11	78.0	9	11.3	13	3.7	9	31.0	1
6B01-2218	6	95.2	4	9.8	5	48.1	7	13.3	9	81.2	8	2.0	6	2.0	4	33.5	9
6B03-4478	6	94.5	5	9.5	2	48.3	5	13.9	3	82.0	7	1.5	4	4.0	10	34.5	13
Stellar-ND	6	92.3	6	9.6	3	47.7	10	13.4	7	83.0	6	1.7	5	1.7	2	33.5	7
Rasmussen	6	91.8	7	9.7	4	48.1	7	13.3	9	77.5	10	2.4	7	4.7	12	33.0	5
AC Metcalfe	2	90.9	8	10.2	8	47.2	13	14.3	1	72.8	12	12.2	14	1.3	1	33.5	8
Rawson	2	90.4	9	12.1	13	48.2	6	12.5	13	90.9	3	3.5	11	3.0	8	32.3	3
Conlon	2	88.9	10	11.0	10	50.4	1	13.2	11	96.4	1	0.5	1	2.3	6	32.5	4
Celebration	6	88.3	11	10.0	6	47.7	10	13.9	3	87.7	4	1.4	3	1.7	2	33.3	6
Robust	6	85.8	12	11.1	11	47.9	9	14.1	2	73.2	11	3.4	10	5.3	13	36.8	14
Legacy	6	82.0	13	8.9	1	46.8	14	13.7	6	62.8	14	5.2	12	4.0	10	34.3	11
Lacey	6	79.9	14	10.0	7	47.7	10	13.8	5	72.4	13	3.3	9	6.0	14	33.8	10
LSD (P=.05)		12.420		1.279		1.980		0.838		11.158		3.458		2.329		2.218	
Standard Deviation		10.760		1.107		1.113		0.471		6.272		1.943		1.387		1.552	
CV		11.690		10.540		2.310		3.520		7.710		52.470		44.140		4.640	
Grand Mean		92.010		10.500		48.230		13.390		81.360		3.700		3.140		33.430	

Seeding Type Zero-Till
Location Velva, ND - McHenry County
Plot size 5 ft x 25 ft - 6 replicates
Planting Date April 28th, 2008
Harvest Date August 12th, 2008
Fertility 25 lbs P and 100 lbs N
Herbicides Puma + Huskie
Fungicide Fungicide was applied to half the trial - Stratego at 4-5 leaf and Prosaro at heading.

Comments

Plots were seeded with a Great Plains No-till drill and straight combined. Yields are converted to 14.5% moisture.