

**Stellar (ND16301) Barley - Six-rowed
Langdon Research Extension Center**

LA= Langdon, R=Ramsey, P=Pembina, W=Walsh

Comparison of Stellar to selected entries at Langdon and Off-station locations in NE North Dakota.

Variety	Yield (bu/a)									9-site
	LA 00	LA 01	LA 02	LA 03	R 03	P 03	LA 04	R 04	W 04	Avg
Drummond	86.6	99.4	98.5	117.2	104.9	110.7	93.1	96.6	83.0	98.9
Lacey	102.6	116.1	105.1	131.0	106.8	119.9	117.0	89.5	104.7	110.3
Legacy	97.5	103.5	101.2	128.3	100.8	122.2	87.5	100.0	74.4	101.7
Robust	92.6	105.0	95.8	115.9	99.7	106.2	93.9	78.4	89.5	97.4
Tradition	90.5	116.5	109.5	122.6	102.0	111.6	106.2	110.6	88.2	106.4
Stellar	107.0	112.2	107.2	128.5	105.8	118.8	128.5	105.1	105.5	113.2

Variety	Test Weight (lbs/bu)									9-site
	LA 00	LA 01	LA 02	LA 03	R 03	P 03	LA 04	R 04	W 04	Avg
Drummond	45.9	46.8	47.5	47.6	47.5	48.3	44.8	49.5	46.1	47.1
Lacey	46.8	48.0	49.0	49.6	48.8	50.4	47.8	50.4	48.1	48.8
Legacy	45.1	43.8	47.4	47.4	47.4	49.0	44.3	47.6	45.1	46.3
Robust	46.6	47.4	49.4	49.3	49.0	50.1	46.6	50.3	46.8	48.4
Tradition	45.8	47.6	48.8	48.9	48.0	50.0	45.5	49.6	45.6	47.8
Stellar	45.8	46.5	47.6	48.3	47.3	49.3	46.1	48.5	46.0	47.3

Variety	Plant Height (in)									9-site
	LA 00	LA 01	LA 02	LA 03	R 03	P 03	LA 04	R 04	W 04	Avg
Drummond	42	38	34	40	36	41	46	38	41	40
Lacey	39	37	32	38	35	40	44	36	41	38
Legacy	41	37	32	39	35	42	44	36	39	38
Robust	44	40	34	40	37	44	45	40	42	41
Tradition	42	38	33	39	35	39	44	39	40	39
Stellar	42	37	33	38	35	39	45	36	40	38

Variety	Days to Head							7-site
	LA 00	LA 01	LA 02	LA 03	R 03	LA 04	R 04	Avg
Drummond	66	57	69	63	60	70	61	63
Lacey	64	56	68	60	58	69	62	62
Legacy	67	58	68	63	61	72	65	65
Robust	66	57	67	62	60	70	63	63
Tradition	66	56	68	64	61	71	63	64
Stellar	65	57	68	60	58	70	63	63

Variety	Protein %									9-site
	LA 00	LA 01	LA 02	LA 03	R 03	P 03	LA 04	R 04	W 04	Avg
Drummond	13.5	11.5	12.3	11.7	12.4	11.9	11.8	12.2	13.7	12.3
Lacey	12.7	11.5	12.1	11.5	12.0	11.8	11.0	11.6	13.0	11.9
Legacy	13.3	11.7	12.5	11.6	12.4	12.0	11.6	11.2	13.1	12.2
Robust	13.8	12.2	12.7	12.6	12.9	12.4	12.2	12.2	13.9	12.8
Tradition	14.5	11.1	12.3	11.6	12.0	12.0	11.8	11.6	12.7	12.2
Stellar	13.0	11.7	12.2	11.5	11.8	11.6	11.2	11.2	12.6	11.9

Variety	Plump %									9-site
	LA 00	LA 01	LA 02	LA 03	R 03	P 03	LA 04	R 04	W 04	Avg
Drummond	72	83	89	93	91	94	76	90	83	86
Lacey	69	84	93	95	94	93	84	91	85	88
Legacy	66	67	92	94	92	95	76	85	79	83
Robust	67	81	92	95	93	93	79	89	80	85
Tradition	70	84	93	95	93	95	78	92	79	87
Stellar	77	89	95	97	95	96	84	93	85	90

Variety	Lodging (0-9)					5-site
	LA 00	LA 01	LA 03	LA 04	W 04	Avg
Drummond	0.0	1.8	0.3	7.8	6.0	3.2
Lacey	0.0	1.0	1.0	6.8	4.0	2.6
Legacy	0.5	5.0	2.8	7.5	6.8	4.5
Robust	0.3	4.8	1.0	8.0	7.3	4.3
Tradition	0.0	1.5	0.3	8.0	7.3	3.4
Stellar	0.0	0.0	0.0	6.8	4.8	2.3