

**2006 Oregon Hard Winter Elite Yield Trials - Pendleton**

Site Quality Index<sup>†</sup> = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions adversely impacted the site.  
Excess moisture, frost, and heat stress combined to produce high plot to plot variability.

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data		
			Yield	Rank	Test Weight	Plant Height	Protein
			bu/ac		lbs/bu	cm	%
23	BC97ROM41W	HWW	107.6	1	61.7	91.7	12.9
25	BC97ROM51W	HWW	106.0	2	60.7	89.3	12.7
24	BC97ROM50W	HWW	103.3	3	61.0	88.3	12.8
3	N97S277 *	HWW	96.5	4	60.7	95.0	12.4
27	BC97ROM48	HRW	96.1	5	60.2	93.3	14
29	ORN00B507	HRW	95.8	6	57.5	88.3	13.9
21	W96-359W	HWW	95.4	7	60.8	85.0	13.6
20	W96-355	HRW	95.4	8	61.8	91.7	12.8
22	W98-344	HRW	95.2	9	58.0	103.3	13.8
1	STEPHENS *	SWW	95.1	10	57.4	91.7	11.8
17	OR2040074H	HWW	95.1	11	58.2	90.0	12.2
30	ORN00B553	HRW	93.7	12	60.5	80.0	13.4
6	IDO621	HRW	93.6	13	61.0	91.7	12.3
16	OR2040073H	HWW	93.4	14	57.9	90.3	12.2
18	OR2040075H	HWW	91.4	15	59.2	93.0	10.9
4	TUBBS-06 *	SWW	91.3	16	56.6	102.7	12
5	BOUNDARY	HRW	90.7	17	60.5	96.7	12.7
7	IDO641	HRW	90.4	18	62.4	93.3	12.1
15	OR2052046H	HWW	90.4	19	60.8	85.0	11.7
26	BC97ROM35	HRW	89.9	20	60.5	66.7	13.6
19	OR2040422H	HWW	89.5	21	59.6	83.3	12.4
12	OR2052059H	HWW	88.1	22	57.7	98.3	12.3
28	NSA 98-0995	HRW	87.4	23	57.7	86.7	13.6
2	ELTAN *	SWW	86.7	24	58.9	98.3	11.8
11	OR2052055H	HWW	85.3	25	56.4	91.7	11.6
13	OR2052069H	HWW	82.7	26	61.2	95.0	12.3
8	DECLO	HRW	81.7	27	61.1	85.0	13.3
14	OR2052082H	HWW	81.3	28	59.8	83.3	11.9
10	OR 952577	HWW	79.9	29	57.2	96.0	12.9
9	WA007939	HRW	66.8	30	57.1	96.7	13.3
	Site Average		91.2		59.5	90.7	12.6
	LSD (0.05)		11.7		4.2	16.9	2.3
	CV (%)		7.8		3.5	11.4	9.0

<sup>†</sup> The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

1 = Poor; Site highly impacted by unusual environmental conditions making data unpubishable

2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.

3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.

4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.

5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

\* Indicates check variety.