

## 2006 Oregon Hard Winter Elite Yield Trials - Hermiston

Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions adversely impacted the site.  
Late seeding, heat stress, and plot damage resulted in limited yields and the loss of one replication.

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data		
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height cm	Protein %
13	OR2052069H	HWW	128.3	1	60.8	94.0	8.8
29	ORN00B507	HRW	127.9	2	60.5	75.4	10.4
16	OR2040073H	HWW	127.2	3	59.3	92.3	10
4	TUBBS-06 *	SWW	124.7	4	60.6	94.8	9.9
11	OR2052055H	HWW	124.7	5	57.4	88.1	9.2
12	OR2052059H	HWW	123.8	6	59.2	88.1	8.7
22	W98-344	HRW	121.3	7	62.8	89.7	11.2
8	DECLO	HRW	121.1	8	59.2	85.5	10.7
17	OR2040074H	HWW	119.6	9	59.4	90.6	10.8
10	OR 952577	HWW	117.2	10	56.8	92.3	10.5
26	BC97ROM35	HRW	116.2	11	62.3	94.0	10.8
18	OR2040075H	HWW	116.0	12	60.3	92.3	9.6
1	STEPHENS *	SWW	115.3	13	60.2	88.1	10.6
20	W96-355	HRW	114.4	14	62.6	88.1	11.2
23	BC97ROM41W	HWW	112.4	15	62.6	86.4	11.5
9	WA007939	HRW	111.8	16	56.8	97.4	10.7
19	OR2040422H	HWW	110.7	17	60.7	83.8	11.4
2	ELTAN *	SWW	109.8	18	60.4	97.4	9.6
3	N97S277 *	HWW	109.5	19	62.1	90.6	9.8
7	IDO641	HRW	108.5	20	64.7	90.6	10.2
21	W96-359W	HWW	108.0	21	91.7	82.1	12
14	OR2052082H	HWW	107.4	22	60.4	86.4	10
30	ORN00B553	HRW	107.0	23	91.7	75.4	10.7
24	BC97ROM50W	HWW	105.5	24	61.9	84.7	10.8
15	OR2052046H	HWW	104.7	25	61.9	83.0	10.2
28	NSA 98-0995	HRW	104.5	26	58.7	75.4	11
6	IDO621	HRW	104.2	27	62.0	84.7	10.7
27	BC97ROM48	HRW	104.2	28	60.3	93.1	11
5	BOUNDARY	HRW	101.3	29	91.6	91.4	10.6
25	BC97ROM51W	HWW	98.0	30	62.2	85.5	11.1
	Site Average		113.5		60.7	88.0	10.5
	LSD (0.05)		10.1		4.4	6.3	1
	CV (%)		4.3		3.5	4.4	4.5

<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.