

## 2006 Oregon Hard Winter Elite Yield Trials - Lexington

Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data		
			Yield	Rank	Test Weight	Plant Height	Protein
			bu/ac		lbs/bu	cm	%
17	OR2040074H	HWW	52.1	1	61.5	64.3	7.9
16	OR2040073H	HWW	51.7	2	60.5	64.3	7.1
13	OR2052069H	HWW	50.9	3	62.4	68.7	8.8
11	OR2052055H	HWW	50.1	4	60.9	69.7	7.6
14	OR2052082H	HWW	49.4	5	62.2	60.7	8.5
29	ORN00B507	HRW	48.5	6	61.3	54.0	8.8
4	TUBBS-06 *	SWW	47.9	7	60.5	72.0	7.9
6	IDO621	HRW	47.5	8	62.6	61.0	7.9
15	OR2052046H	HWW	47.4	9	63.9	58.3	10.5
30	ORN00B553	HRW	46.7	10	63.5	55.7	10.9
27	BC97ROM48	HRW	46.2	11	60.6	61.3	7.7
12	OR2052059H	HWW	46.2	12	60.9	68.7	6.8
1	STEPHENS *	SWW	45.9	13	60.0	64.3	9
2	ELTAN *	SWW	45.9	14	60.7	68.7	8.3
18	OR2040075H	HWW	45.9	15	61.7	63.7	8.1
10	OR 952577	HWW	45.5	16	60.4	63.7	8
5	BOUNDARY	HRW	45.4	17	61.2	63.7	7.9
25	BC97ROM51W	HWW	45.2	18	62.6	54.7	10.2
19	OR2040422H	HWW	45.0	19	61.9	61.0	7.9
22	W98-344	HRW	44.0	20	63.0	62.0	8.7
28	NSA 98-0995	HRW	43.5	21	58.8	57.3	8
3	N97S277 *	HWW	43.2	22	63.3	56.7	8.6
26	BC97ROM35	HRW	43.0	23	63.3	63.0	8.7
24	BC97ROM50W	HWW	42.9	24	63.0	57.7	8.7
20	W96-355	HRW	42.3	25	63.0	59.3	8.7
9	WA007939	HRW	42.1	26	61.4	72.0	8.2
8	DECLO	HRW	39.9	27	63.1	61.0	7.7
21	W96-359W	HWW	39.5	28	62.1	58.3	9.5
7	IDO641	HRW	39.1	29	62.0	54.0	7.8
23	BC97ROM41W	HWW	37.6	30	62.6	55.7	8.5
	Site Average		45.4		61.8	61.8	8.4
	LSD (0.05)		5.9		1.0	5.0	1.7
	CV (%)		7.9		0.8	5.0	9.8

<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 unpublishable

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.