

**2007 Oregon Hard Winter Elite Yield Trials - Moro**

Site Quality Index<sup>1</sup> = 2  
1 = Poor 3 = Average 5 = Excellent

Site Description: One replication removed due to inconsistencies in the yield and protein data.  
Wind shatter, while relatively uniform across varieties, increased yield variability and negatively impacted this site

Entry	Variety	Class	2007 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data		2007 Agronomic Data			
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Harvest Moisture	Plant Height	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	%	inches	%
14	RESIDENCE	HRW	104.4	1					62.7	11.5	35.4	8.5
12	WA7976	HRW	104.2	2					62.0	11.7	37.6	6.9
21	BC97ROM51W	HWW	99.1	3					63.0	11.3	34.6	8.5
23	OR2052046H	HWW	97.1	4	83.0	3			63.9	11.7	33.5	7.9
30	OR2050334H	HWW	96.4	5					63.9	11.7	36.4	9.1
3	N97S277*	HWW	95.5	6	89.8	2	77.0	5	64.0	11.9	35.8	8.2
20	TX97F4-33-1B	HRW	93.0	7					64.3	12.1	36.6	8.0
9	IDO621	HRW	92.5	8	91.8	1	90.0	1	64.0	11.8	33.5	7.2
18	PALOMINO	HWW	91.0	9	76.9	10	74.9	7	63.2	11.3	33.7	9.3
1	STEPHENS*	SWW	90.2	10	80.6	5	80.2	3	61.4	12.0	33.7	8.0
19	W98-344	HRW	90.0	11	80.8	4	76.6	6	63.6	11.9	35.8	9.0
13	EDDY	HRW	89.4	12					63.4	11.9	36.4	7.5
28	OR2050332H	HWW	89.0	13					64.0	11.7	37.4	9.5
15	ILLIAS	HRW	88.4	14					60.7	11.2	32.1	8.3
22	OR2052055H	HWW	88.1	15	77.7	9			63.2	11.7	32.7	8.4
17	PALADIN	HRW	87.0	16	77.7	8	74.4	9	63.3	11.3	32.7	9.1
4	TUBBS-06*	SWW	84.9	17	80.2	6			61.6	11.8	38.8	8.4
24	OR2040422H	HWW	84.8	18	78.9	7			63.9	11.7	33.7	8.5
16	SINOPE	HRW	84.7	19					57.6	11.2	33.7	7.6
29	OR2050333H	HWW	83.7	20					62.9	11.5	35.4	8.8
8	BOUNDARY	HRW	82.9	21	76.5	11			61.5	11.6	37.2	8.1
2	ELTAN*	SWW	82.5	22	70.1	15	63.2	10	60.1	12.0	33.5	8.5
26	OR2050291H	HWW	81.0	23					63.4	11.6	34.4	8.9
6	ORN00B553	HRW	79.6	24	75.7	12	79.9	4	61.9	11.8	31.5	7.3
5	ORN00B507	HRW	78.4	25	75.5	13	84.6	2	61.6	11.6	28.0	7.3
10	DECLO	HRW	77.3	26	71.5	14	74.8	8	63.5	11.7	32.5	7.4
25	OR2050290H	HWW	77.2	27					62.5	11.7	32.1	7.8
27	OR2050331H	HWW	70.0	28					63.4	11.7	35.6	8.3
7	COPERNICO	HRW	68.4	29					64.1	11.3	26.4	10.2
11	BAUERMEISTER	HRW	67.2	30	62.6	16	62.4	11	61.1	12.0	32.5	8.0
	Site Average		86.6		78.1		76.2		62.6	11.6	34.1	8.3
	LSD (0.05)		18.6		8.9		8.0		0.9	0.2	3.1	1.6
	CV (%)		10.5		9.0		10.5		0.7	1.0	4.4	9.3

<sup>1</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.

<sup>‡</sup> Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site; Grain yields in bold met or exceeded the protein target for their class.

\* Indicates check variety.