

2007 Oregon Hard Winter Elite Yield Trials - Pendleton-Ruggs

Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

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

Entry	Variety	Class	2007 Yield Data [‡]		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	%
1	STEPHENS*	SWW	109.1	14	102.1	4	103.8	3	60.1	8.4	34.1	9.7
2	ELTAN*	SWW	102.8	21	94.8	12	90.4	10	59.9	8.9	39.6	9.0
3	N97S277*	HWW	102.4	22	99.4	7	92.6	9	63.3	8.6	37.0	9.3
4	TUBBS-06*	SWW	119.2	3	105.2	1			60.2	8.6	42.0	9.1
5	ORN00B507	HRW	111.5	10	103.7	3	108.5	1	61.1	8.2	28.1	8.7
6	ORN00B553	HRW	110.2	11	101.9	5	104.9	2	62.3	8.4	31.8	9.7
7	COPERNICO	HRW	119.1	4					63.0	8.0	28.2	9.5
8	BOUNDARY	HRW	97.6	28	94.1	13			60.7	8.3	33.2	9.4
9	IDO621	HRW	97.3	29	95.4	10	99.3	6	62.1	8.6	32.4	8.6
10	DECLO	HRW	104.8	19	93.3	14	96.0	7	61.7	8.1	32.2	9.3
11	BAUERMEISTER	HRW	100.4	24	83.6	16	83.6	11	60.9	8.4	42.4	9.2
12	WA7976	HRW	120.5	2					62.2	8.3	45.0	9.7
13	EDDY	HRW	99.4	25					62.6	8.3	35.4	9.2
14	RESIDENCE	HRW	121.4	1					61.4	8.2	42.1	8.6
15	ILLIAS	HRW	111.7	9					58.6	7.6	39.2	10.6
16	SINOPE	HRW	113.6	5					56.1	7.4	36.9	9.1
17	PALADIN	HRW	90.1	30	92.7	15	95.0	8	62.7	8.5	34.4	9.5
18	PALOMINO	HWW	103.6	20	99.5	6	101.5	4	62.7	8.3	33.6	9.4
19	W98-344	HRW	112.6	6	103.9	2	101.5	5	63.2	8.5	37.8	8.8
20	TX97F4-33-1B	HRW	112.6	7					63.3	8.8	41.1	8.3
21	BC97ROM51W	HWW	108.9	15					62.7	8.4	36.2	9.1
22	OR2052055H	HWW	109.8	12	97.5	9			61.0	8.5	35.3	8.0
23	OR2052046H	HWW	106.9	16	98.7	8			62.6	8.7	32.4	8.7
24	OR2040422H	HWW	100.5	23	95.0	11			62.1	8.3	34.0	9.8
25	OR2050290H	HWW	111.8	8					61.9	8.4	35.7	9.3
26	OR2050291H	HWW	106.2	17					62.0	8.4	36.6	9.5
27	OR2050331H	HWW	109.3	13					61.8	8.5	38.6	9.6
28	OR2050332H	HWW	97.7	27					62.1	8.5	34.6	9.6
29	OR2050333H	HWW	105.5	18					61.9	8.5	38.5	9.6
30	OR2050334H	HWW	98.9	26					62.0	8.4	36.5	9.4
	Site Average		107.2		97.6		97.9		61.6	8.4	36.2	9.2
	LSD (0.05)		14.6		9.5		8.6		0.6	0.2	2.5	0.9
	CV (%)		8.3		8.4		9.4		0.6	1.2	4.3	6.2

[†] 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.

[‡] 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.