

2007 Oregon Hard Winter Elite Yield Trials - Hermiston

Site Quality Index¹ = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Late season moisture stress may have negatively impacted yields at this site.
Data from this site is not available for 2005 thus only 2-year yield data is reported.

Entry	Variety	Class	2007 Yield Data [‡]		2-Year Yield Data		2007 Agronomic Data				
			Yield	Rank	Yield	Rank	Test Weight	Harvest Moisture	Plant Height	Heading Date	Protein
			bu/ac		bu/ac		lbs/bu	%	inches	DOY	%
5	ORN00B507	HRW	163.8	1	144.0	1	62.9	8.7	34.0	135.3	10.2
10	DECLO	HRW	161.4	2	131.5	4	64.6	9.0	39.3	136.0	11.0
9	IDO621	HRW	158.1	3	131.5	5	63.3	9.2	40.0	133.3	11.0
16	SINOPE	HRW	151.2	4			58.1	8.1	39.7	138.3	11.2
24	OR2040422H	HWW	151.2	5	130.3	6	63.5	9.0	37.3	135.3	10.5
6	ORN00B553	HRW	150.7	6	129.4	7	65.4	8.9	34.7	136.7	11.1
26	OR2050291H	HWW	149.2	7			63.4	9.3	38.3	138.0	10.5
19	W98-344	HRW	148.3	8	133.4	3	63.2	8.7	41.0	131.7	11.9
25	OR2050290H	HWW	145.4	9			62.7	9.0	38.7	137.7	10.8
13	EDDY	HRW	143.7	10			64.3	9.3	41.0	134.0	11.4
22	OR2052055H	HWW	143.2	11	123.0	11	60.6	9.3	39.7	139.7	9.6
11	BAUERMEISTER	HRW	143.1	12	115.5	16	62.2	9.2	42.7	142.7	11.2
27	OR2050331H	HWW	142.7	13			63.6	9.1	40.0	133.3	10.4
4	TUBBS-06*	SWW	141.9	14	134.1	2	59.8	9.0	41.3	137.0	10.9
2	ELTAN*	SWW	141.8	15	125.9	9	60.9	9.4	41.3	142.7	10.8
21	BC97ROM51W	HWW	141.7	16			64.1	8.9	39.3	132.0	10.9
28	OR2050332H	HWW	141.6	17			63.2	9.1	39.7	134.3	11.0
23	OR2052046H	HWW	141.5	18	124.4	10	63.8	9.4	40.0	139.7	10.5
17	PALADIN	HRW	141.3	19	127.6	8	64.4	8.6	39.7	134.7	11.7
14	RESIDENCE	HRW	141.2	20			61.1	8.7	42.3	137.0	10.9
18	PALOMINO	HWW	140.0	21	122.5	13	63.6	8.8	37.0	133.0	12.4
8	BOUNDARY	HRW	139.2	22	120.6	14	62.9	9.2	42.3	136.0	11.0
29	OR2050333H	HWW	139.1	23			63.3	9.1	39.7	134.3	10.3
30	OR2050334H	HWW	137.9	24			62.3	9.0	40.0	136.0	10.8
20	TX97F4-33-1B	HRW	137.5	25			64.7	9.6	41.0	131.3	11.1
7	COPERNICO	HRW	134.1	26			63.9	8.6	29.3	133.7	11.2
1	STEPHENS*	SWW	133.5	27	123.0	12	59.8	9.0	39.3	136.0	11.5
12	WA7976	HRW	132.2	28			62.8	9.1	46.0	138.3	12.0
15	ILLIAS	HRW	127.8	29			58.5	8.0	42.3	142.0	12.3
3	N97S277*	HWW	125.0	30	117.6	15	62.9	8.7	42.3	132.7	10.8
	Site Average		143.0		127.1		62.7	9.0	39.6	136.1	11.0
	LSD (0.05)		20.0		16.8		1.1	0.5	2.0	2.0	0.8
	CV (%)		8.4		11.4		1.1	3.1	2.8	0.6	4.4

¹ 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.