

2008 Oregon Hard Winter Elite Yield Trials - Pendleton-Ruggs

Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Plot to plot variability was increased at this site due to lodging.

Entry	Variety	Class	2008 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2008 Agronomic Data					
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Harvest Moisture	Plant Height	Heading Date	Protein	Lodging
			bu/ac		bu/ac		bu/ac		lbs/bu	%	inches	DOY	%	%
33	OR2060077H	HWW	112.7	1					58.8	8.9	40.4	153.3	12.7	0.0
37	OR2060097H	HWW	111.7	2					60.6	8.9	41.2	153.0	13.2	0.0
19	PALOMINO	HWW	110.1	3	106.8	6	103.0	3	61.3	8.3	34.4	150.0	13.8	0.0
23	OR2052046H	HWW	110.0	4	108.4	4	102.4	4	60.0	8.7	40.6	154.3	12.2	0.0
22	NUDAKOTA	HWW	109.8	5					60.2	8.6	36.6	150.0	13.1	73.3
5	NORWEST 553	HRW	109.1	6	110.3	1	105.5	1	57.7	9.1	35.8	153.0	14.8	0.0
32	OR2060076H	HWW	108.8	7					59.0	8.9	40.7	153.0	12.6	0.0
20	W98-344	HRW	107.9	8	110.3	2	105.2	2	58.3	9.0	39.4	150.3	13.8	3.3
16	ILLIAS	HRW	107.9	9	109.8	3			55.4	9.0	42.3	160.7	13.8	0.0
24	OR2050042H	HWW	105.9	10					56.7	9.0	40.0	153.7	13.3	0.0
18	PALADIN	HRW	104.4	11	97.2	12	96.6	8	58.5	8.8	39.0	152.0	14.2	0.0
29	OR2060054H	HWW	103.4	12					58.9	8.6	39.6	151.7	12.7	15.0
38	OR2060100H	HWW	103.3	13					59.7	8.8	39.8	153.7	13.6	0.0
30	OR2060073H	HWW	102.5	14					56.8	8.5	40.4	153.0	13.2	0.0
40	OR2060101H	HWW	100.4	15					60.7	9.0	39.5	152.7	13.3	0.0
17	SINOPE	HRW	99.7	16	106.6	7			52.8	9.2	38.8	158.0	12.6	0.0
7	IDO621	HRW	99.7	17	98.5	10	96.8	7	60.5	9.1	35.6	155.3	13.2	0.0
31	OR2060074H	HWW	99.6	18					57.2	8.7	40.9	156.0	13.0	0.0
1	STEPHENS*	SWW	99.3	19	104.2	9	101.2	6	52.3	8.9	39.2	153.0	13.6	0.0
36	OR2060096H	HWW	99.3	20					60.5	8.6	39.9	153.3	12.5	0.0
21	TX97F4-33-1B	HRW	98.9	21	105.8	8			59.0	9.0	40.7	150.0	12.5	66.7
14	ACS52025	HRW	98.8	22					56.1	8.9	40.2	152.0	14.4	70.0
39	OR2060099H	HWW	97.9	23					60.5	8.9	38.5	153.3	14.0	0.0
28	OR2050275H	HWW	97.3	24					55.7	8.4	41.3	154.0	13.5	0.0
26	OR2050186H	HWW	97.0	25					58.2	8.8	40.8	154.0	12.8	0.0
35	OR2060092H	HWW	96.5	26					61.4	9.4	40.6	153.0	13.3	0.0
15	BOUNDARY/ILLIAS BLEND	HRW	95.4	27					54.9	9.2	41.1	160.3	14.2	0.0
4	TUBBS-06*	SWW	95.3	28	107.3	5	101.9	5	54.2	8.9	44.4	155.3	13.8	8.3
13	EDDY	HRW	94.7	29	97.0	13			60.5	9.0	39.0	153.0	13.8	20.0
34	OR2060091H	HWW	94.5	30					59.8	9.0	39.5	153.7	13.2	0.0
25	OR2050087H	HWW	93.8	31					55.4	9.0	39.1	151.3	14.1	0.0
27	OR2050272H	HWW	92.8	32					52.0	9.3	41.7	155.0	14.2	0.0
8	DECLO	HRW	91.4	33	98.1	11	92.7	10	58.4	9.1	32.3	156.0	14.5	0.0
3	N97S277*	HWW	85.7	34	94.0	14	94.8	9	58.0	8.6	41.6	150.7	13.3	53.3
6	BOUNDARY	HRW	84.3	35	91.0	15	90.9	11	57.7	9.1	35.6	162.3	14.0	0.0
10	WA8023	HRW	83.2	36					55.2	9.2	45.1	156.3	15.8	53.3
12	MDM	HWW	78.8	37					55.8	8.5	42.4	163.7	15.9	81.7
9	BAUERMEISTER	HRW	78.1	38	89.2	16	81.8	13	54.5	9.1	40.2	161.7	14.9	80.0
2	ELTAN*	SWW	71.0	39	86.9	17	86.9	12	51.9	8.7	40.9	165.0	16.2	81.7
11	WA7975	HRW	56.8	40					58.0	9.3	40.3	167.0	16.5	89.7
	Site Average		97.2		101.3		96.9		57.5	8.9	39.7	154.9	13.8	17.4
	LSD (0.05)		15.8		16		11.7		2.7	0.6	2.9	1.6	1.4	19.6
	CV (%)		10.0		13.7		12.9		2.9	3.4	4.5	0.6	6.3	69.4

[†]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 unpublshable

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 targets for their class.

* Indicates check variety.