

2009 Oregon Hard Winter Elite Yield Trials - Condon

Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress as well as poor stands contributed to high plot to plot variability and lower yields at this site.

Entry	Variety	Class	2009 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data	
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	%
21	OR2050042H	HWW	34.8	1	33.5	4			60.6	9.7
18	BC002-2-2	HRW	34.7	2					62.4	10.9
4	TUBBS 06*	SWW	34.4	3	31.6	11	50.6	5	59.2	10.7
20	OR2052046H	HWW	33.7	4	34.5	2	49.4	7	62.3	9.0
19	NUDAKOTA	HWW	33.6	5	32.0	9			63.7	8.7
7	IDO621	HRW	33.3	6	33.4	5	53.6	1	62.0	9.5
1	STEPHENS*	SWW	33.2	7	32.1	7	50.2	6	55.1	10.4
28	OR2070142H	HWW	33.2	8					61.9	11.3
26	OR2070138H	HWW	33.1	9					62.1	10.5
27	OR2070139H	HWW	32.6	10					61.7	11.4
16	PALOMINO	HWW	32.5	11	31.9	10	45.2	13	62.6	10.6
17	WHETSTONE	HRW	32.4	12	34.1	3	48.5	8	62.5	10.1
24	OR2070136H	HWW	32.3	13					62.5	9.7
12	ACSS2025	HRW	32.1	14	36.3	1			62.3	9.8
25	OR2070137H	HWW	31.8	15					62.0	10.8
3	N97S277*	HWW	31.4	16	29.1	17	46.2	12	62.2	10.0
5	NORWEST 553	HRW	31.4	17	27.8	19	47.6	9	62.9	10.8
22	OR2050275H	HWW	31.2	18	31.1	12			58.4	10.3
11	EDDY	HRW	30.7	19	29.7	15	47.0	10	63.0	10.3
6	BOUNDARY	HRW	30.5	20	25.4	21	39.5	16	60.9	9.4
23	OR2070093H	HWW	30.5	21					62.0	10.1
15	AGRIPRO PALADIN	HRW	30.4	22	30.2	14	44.2	14	62.8	11.2
9	BAUERMEISTER	HRW	30.3	23	32.0	8	51.1	2	60.3	10.4
29	OR2070181H	HWW	29.6	24					61.2	10.4
2	ELTAN*	SWW	29.3	25	31.0	13	50.7	4	59.0	10.1
8	DECLO	HRW	29.0	26	28.2	18	43.8	15	63.5	10.6
14	SINOPE	HRW	28.9	27	32.1	6	51.1	3	55.8	10.2
30	OR2070182H	HWW	28.5	28					60.7	10.4
13	ILLIAS	HRW	27.9	29	29.7	16	46.6	11	56.6	11.4
10	FARNUM	HRW	27.7	30	27.7	20			58.7	10.9
	Site Average		31.5		31.1		47.8		61.0	10.3
	LSD (0.05)		4.8		4.4		4.5		2.0	1.1
	CV (%)		9.3		12.4		10.0		2.0	6.4

[†] 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 unpubishable

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.