

2009 Oregon Hard Winter Elite Yield Trials - Lexington

Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress contributed to lower yields at this location.

Entry	Variety	Class	2009 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data			
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
7	IDO621	HRW	35.2	1	40.0	1	40.5	1	63.0	25.7	146.7	9.8
19	NUDAKOTA	HWW	34.5	2	32.1	19			62.9	23.3	143.3	11.4
5	NORWEST 553	HRW	33.6	3	39.2	2	37.8	2	63.5	25.0	146.3	10.9
2	ELTAN*	SWW	31.4	4	34.2	13	36.1	8	61.6	25.3	150.3	9.6
11	EDDY	HRW	31.4	5	35.9	5	36.7	6	63.8	24.0	147.0	10.2
15	AGRIPRO PALADIN	HRW	31.2	6	34.2	14	36.1	9	64.5	26.3	146.0	11.0
18	BC002-2-2	HRW	31.1	7					64.0	26.0	143.7	10.4
16	PALOMINO	HWW	30.9	8	34.6	12	35.0	13	63.4	26.0	143.7	11.5
4	TUBBS 06	SWW	30.4	9	36.8	3	37.4	3	60.5	28.0	147.7	10.7
12	ACS52025	HRW	30.1	10	34.7	9			63.5	26.3	146.7	9.4
1	STEPHENS*	SWW	29.9	11	32.0	20	34.2	14	61.1	26.7	145.3	9.7
17	WHETSTONE	HRW	29.8	12	35.9	6	36.9	5	62.3	27.0	142.7	10.9
28	OR2070142H	HWW	29.7	13					62.8	28.0	146.0	10.5
21	OR2050042H	HWW	29.5	14	36.3	4			60.7	25.0	146.3	11.1
20	OR2052046H	HWW	29.3	15	35.9	7	37.0	4	63.4	23.0	149.7	11.1
9	BAUERMEISTER	HRW	28.9	16	32.8	16	35.5	11	61.9	26.0	151.3	10.1
13	ILLIAS	HRW	28.5	17	35.8	8	36.0	10	58.7	24.3	151.0	10.2
6	BOUNDARY	HRW	28.1	18	34.7	10	36.7	7	61.5	25.7	149.0	10.3
30	OR2070182H	HWW	28.0	19					60.8	26.0	147.3	10.6
3	N97S277	HWW	27.7	20	32.4	17	32.7	15	61.7	25.3	143.3	11.0
22	OR2050275H	HWW	27.2	21	33.7	15			60.6	26.0	149.0	11.0
24	OR2070136H	HWW	27.1	22					62.2	27.3	147.7	11.2
27	OR2070139H	HWW	26.9	23					63.0	28.0	147.3	10.7
29	OR2070181H	HWW	26.7	24					60.7	24.7	147.7	10.6
26	OR2070138H	HWW	26.2	25					62.9	27.0	147.7	10.9
10	FARNUM	HRW	26.1	26	32.4	18			60.9	25.7	151.7	10.7
23	OR2070093H	HWW	25.6	27					63.0	25.3	150.0	11.7
25	OR2070137H	HWW	25.5	28					62.6	26.3	147.7	10.8
8	DECLO	HRW	25.1	29	29.2	21	29.4	16	63.8	24.0	146.7	11.0
14	SINOPE	HRW	24.0	30	34.7	11	35.0	12	59.5	24.3	149.0	12.0
	Site Average		29.0		34.6		35.8		62.2	25.7	147.3	10.7
	LSD (0.05)		3.9		3.1		3		1.0	1.4	2.3	0.9
	CV (%)		8.1		7.9		8.9		1.0	3.4	0.9	5.4

[†] 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 unublishable

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.