

2009 Oregon Hard Winter Elite Yield Trials - Moro

Site Quality Index[†] = 3.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact 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	Plant Height	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	inches	%
5	NORWEST 553	HRW	81.2	1	69.4	4	72.0	8	62.4	27.6	9.5
15	AGRIPRO PALADIN	HRW	80.6	2	70.3	1	74.5	3	63.5	28.9	10.3
1	STEPHENS*	SWW	78.8	3	69.1	5	74.4	4	61.1	30.8	8.9
7	IDO621	HRW	77.9	4	70.2	2	75.8	1	62.9	28.9	8.5
4	TUBBS 06	SWW	77.5	5	69.6	3	73.5	5	60.2	33.5	9.5
19	NUDAKOTA	HWW	76.5	6	66.1	10			63.3	32.2	10.1
18	BC002-2-2	HRW	75.4	7					62.7	30.8	10.9
29	OR2070181H	HWW	74.2	8					61.7	27.6	9.7
21	OR2050042H	HWW	73.3	9	65.9	11			62.4	26.2	9.1
12	ACS52025	HRW	73.2	10	67.1	8			61.9	30.2	10.1
23	OR2070093H	HWW	72.2	11					62.8	27.6	9.0
13	ILLIAS	HRW	72.0	12	68.1	6	73.2	6	60.1	30.2	9.9
16	PALOMINO	HWW	71.4	13	66.7	9	72.7	7	63.5	28.9	9.6
20	OR2052046H	HWW	71.2	14	67.8	7	75.2	2	63.0	29.5	9.8
25	OR2070137H	HWW	70.7	15					62.4	30.8	10.2
17	WHETSTONE	HRW	68.6	16	63.6	12	70.2	9	61.9	30.2	10.5
11	EDDY	HRW	67.9	17	62.4	13	69.2	10	63.5	28.9	9.2
22	OR2050275H	HWW	66.5	18	58.7	19			62.3	30.2	9.0
6	BOUNDARY	HRW	65.2	19	58.9	18	64.9	14	62.0	31.5	9.2
9	BAUERMEISTER	HRW	65.2	20	59.5	17	61.4	16	62.0	31.5	9.0
27	OR2070139H	HWW	64.9	21					62.9	30.8	9.5
2	ELTAN*	SWW	64.7	22	61.0	14	66.4	11	62.0	30.8	8.6
8	DECLO	HRW	63.9	23	59.5	16	64.0	15	63.1	26.9	9.8
28	OR2070142H	HWW	63.4	24					61.8	32.2	10.3
30	OR2070182H	HWW	62.8	25					61.0	26.9	10.2
24	OR2070136H	HWW	61.9	26					62.3	28.2	10.5
3	N97S277	HWW	60.9	27	56.0	20	65.9	12	63.8	29.5	9.4
14	SINOPE	HRW	59.6	28	59.5	15	65.8	13	56.0	28.9	9.6
26	OR2070138H	HWW	57.1	29					61.9	29.5	10.0
10	FARNUM	HRW	53.8	30	51.7	21			59.8	30.8	10.6
	Site Average		69.1		63.9		69.9		62.0	29.7	9.7
	LSD (0.05)		13.8		7.9		7.4		1.2	3.2	1.4
	CV (%)		12.3		10.7		10.7		1.2	6.6	8.8

[†] 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.