

**2009 Oregon Hard Winter Elite Yield Trials - Moro-Kaseberg**

Site Quality Index† = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress contributed to low yield and test weight at this location.

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	%
19	NUDAKOTA	HWW	72.0	1	77.0	1			61.2	25.6	11.8
18	BC002-2-2	HRW	<b>67.9</b>	2					61.2	28.2	12.7
7	IDO621	HRW	60.5	3	69.7	2	70.6	2	61.0	26.2	10.9
20	OR2052046H	HWW	60.3	4	69.2	3	70.6	1	61.1	25.6	11.3
3	N97S277	HWW	60.2	5	66.6	5	68.8	5	61.5	26.5	11.7
21	OR2050042H	HWW	<b>59.0</b>	6	64.8	7			58.6	26.2	12.8
12	ACS52025	HRW	58.6	7	64.4	8			61.4	28.2	11.7
5	NORWEST 553	HRW	<b>56.9</b>	8	64.8	6	69.9	3	60.7	22.3	12.9
16	PALOMINO	HWW	<b>56.3</b>	9	66.6	4	69.2	4	60.2	28.2	13.5
4	TUBBS 06	SWW	54.2	10	58.0	12	62.8	9	57.0	26.9	13.0
23	OR2070093H	HWW	<b>53.0</b>	11					60.0	23.6	12.8
29	OR2070181H	HWW	<b>52.8</b>	12					58.9	23.0	12.9
15	AGRIPRO PALADIN	HRW	<b>52.4</b>	13	59.9	10	63.1	7	60.5	29.5	13.1
17	WHETSTONE	HRW	<b>51.7</b>	14	60.6	9	64.5	6	58.8	30.2	13.2
24	OR2070136H	HWW	50.4	15					59.3	26.9	12.2
26	OR2070138H	HWW	49.8	16					59.5	28.2	12.0
13	ILLIAS	HRW	<b>49.2</b>	17	57.7	13	62.8	8	57.0	24.9	13.6
30	OR2070182H	HWW	48.8	18					58.7	23.6	12.1
22	OR2050275H	HWW	48.7	19	55.9	14			58.7	27.6	11.6
1	STEPHENS*	SWW	48.0	20	59.1	11	60.9	10	55.9	23.6	13.9
25	OR2070137H	HWW	<b>47.7</b>	21					59.5	25.6	12.5
14	SINOPE	HRW	<b>46.8</b>	22	53.7	16	59.4	11	54.7	24.3	12.5
11	EDDY	HRW	46.0	23	53.2	17	52.0	15	61.8	28.9	11.7
2	ELTAN*	SWW	45.5	24	51.1	18	53.4	13	58.4	24.9	12.0
27	OR2070139H	HWW	45.2	25					59.6	26.2	12.2
9	BAUERMEISTER	HRW	<b>45.1</b>	26	50.9	19	53.2	14	58.1	26.2	12.7
8	DECLO	HRW	44.1	27	55.1	15	58.7	12	60.5	24.3	12.2
6	BOUNDARY	HRW	39.8	28	49.2	20	49.8	16	58.0	26.2	12.1
28	OR2070142H	HWW	<b>39.0</b>	29					59.6	25.6	12.6
10	FARNUM	HRW	<b>37.2</b>	30	39.1	21			58.3	28.2	14.3
	Site Average		51.6		59.4		61.9		59.3	26.2	12.5
	LSD (0.05)		9.4		7.3		8.0		1.5	4.3	1.3
	CV (%)		11.1		10.6		13.8		1.5	10.0	6.5

† 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.