

2008 Oregon Spring Elite Yield Trials - Pendleton

Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.

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	Heading Date	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	%	DOY	%
6	B02-0081	HRS	67.4	1					62.7	10.1	167.3	14.0
19	OR4041451	SWS	65.1	2					60.9	10.6	174.7	13.8
16	BZ903-445-WP	HWS	64.1	3	68.5	1			59.4	9.8	168.3	15.1
17	RSI10348W	HWS	63.9	4					61.2	10.1	164.0	13.7
29	WA008039	SWS	62.9	5					61.8	10.3	170.7	12.0
15	IDO377S*	HWS	62.5	6	60.6	10	51.7	6	59.7	10.3	169.3	15.0
26	BZ604-002	SWS	61.9	7					62.0	10.1	167.0	12.5
30	Alpowa*	SWS	61.0	8	66.5	2	58.0	1	61.9	10.2	172.7	12.1
1	WA007954	HRS	60.4	9					61.0	9.9	170.3	15.2
3	Hank	HRS	60.0	10	61.8	8	55.8	3	59.2	10.1	167.7	14.9
28	WA008008	SWS	59.4	11	61.0	9			60.5	9.7	166.0	12.8
2	Lassik	HRS	59.3	12					61.5	10.0	167.0	13.8
25	Nick	SWS	59.0	13	61.9	7	57.5	2	60.8	10.3	166.3	12.8
23	UI Cataldo	SWS	58.6	14	63.4	4			60.1	9.9	165.3	12.9
24	Alturas	SWS	58.5	15	57.5	14	51.0	7	60.2	10.0	170.7	12.4
4	BZ901-717	HRS	58.1	16					60.5	10.0	164.7	15.1
27	Louise	SWS	58.1	17	63.0	5	55.5	4	59.9	10.2	170.3	12.8
10	OR4031111	HRS	57.9	18	57.8	13			59.2	10.1	168.0	14.2
8	RS150076R	HRS	57.7	19	62.0	6			58.2	9.8	166.3	14.1
5	Jefferson*	HRS	57.2	20	59.2	12	53.1	5	60.8	10.5	165.7	14.5
9	RSI50603R	HRS	56.6	21					60.4	9.8	165.0	15.4
22	BZ604-008	SWS	54.8	22	63.5	3			58.2	10.0	165.7	13.4
13	Patwin	HWS	54.1	23					56.6	9.9	173.0	15.2
11	OR4990114	HRS	53.7	24	59.5	11			60.7	10.4	165.7	14.2
18	37C-3	HWS	53.2	25	48.4	18			57.4	9.7	174.7	14.7
7	Cabernet	HRS	52.0	26	56.2	16			60.9	9.9	165.0	14.1
20	77-154-98	SWS	51.9	27	49.2	17			54.9	10.5	178.0	15.3
12	Clear White	HWS	51.3	28					61.4	10.2	163.0	13.4
14	Blanca Grande	HWS	51.0	29	57.3	15	50.7	8	62.7	9.9	163.0	13.6
21	Merill	SWS	47.2	30	48.4	19	41.8	9	57.1	9.8	173.3	14.8
	Site Average		58.0		59.2		52.8		60.1	10.1	168.3	13.9
	LSD (0.05)		7.5		5.8		3.5		2.3	0.6	1.3	0.9
	CV (%)		7.9		8.5		7.0		2.3	3.8	0.5	4.1

[†] 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 unpublishable

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.

* Indicates check variety.