

2010 Oregon Spring Elite Yield Trials - Corvallis

Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Cool, wet conditions throughout the spring led to heavy disease pressure and lower yields at this site.

Entry	Variety	Class	2010 Yield Data [‡]		2-Year Yield Data		2010 Agronomic Data		
			Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Protein %	Stripe Rust %
12	LASSIK	HRS	96.0	1			63.3	11.4	5.0
22	IDO671	SWS	94.7	2	80.1	1	62.7	11.0	11.7
24	IDO668	SWS	92.5	3			63.2	11.2	11.7
25	IDO669	SWS	89.2	4			62.3	9.9	11.7
20	ALTURAS	SWS	87.8	5	79.6	2	62.0	10.5	13.3
27	JD	Club	87.7	6	76.5	3	63.7	10.3	6.7
5	MALBEC	HRS	81.8	7			61.9	12.4	20.0
19	OR4041268	SWS	80.6	8			62.5	10.8	25.0
14	PATWIN	HWS	78.7	9			62.2	12.0	8.3
23	IDO644	SWS	77.1	10	67.8	5	61.7	10.5	55.0
15	OR4051328	HWS	72.6	11	69.1	4	58.8	12.6	43.3
6	JEFFERSON*	HRS	63.9	12	62.3	6	61.2	13.2	75.0
17	CLEAR WHITE	HWS	63.7	13			59.5	12.5	18.3
13	KERN	HWS	58.9	14			59.7	15.6	5.0
4	CABERNET	HRS	52.1	15	44.3	16	59.0	13.1	85.0
16	OR4061191	HWS	47.9	16			55.8	11.9	71.7
2	OR4031177	HRS	47.5	17	56.4	7	61.6	13.4	81.7
28	DIVA	SWS	44.0	18	55.5	9	53.8	12.4	81.7
7	UI WINCHESTER	HRS	42.8	19	54.7	10	55.7	14.6	68.3
30	BABE	SWS	39.3	20	55.9	8	52.5	13.1	86.7
11	KELSE	HRS	38.8	21	49.4	12	51.6	16.1	75.0
3	BULLSEYE	HRS	35.5	22	54.3	11	51.9	14.5	76.7
9	BZ901-717	HRS	34.9	23	48.8	13	58.4	14.4	85.0
26	ALPOWA*	SWS	32.0	24	42.3	18	52.8	13.0	90.0
29	WHIT	SWS	27.8	25	44.5	15	50.6	13.6	88.3
21	UI CATALDO	SWS	25.0	26	45.5	14	52.5	13.6	83.3
18	NICK	SWS	20.6	27	39.6	20	50.2	13.2	91.7
1	OR4990114	HRS	17.7	28	42.7	17	49.8	14.7	86.7
8	IDO665	HRS	12.6	29			49.1	15.6	88.3
10	HANK	HRS	10.8	30	40.1	19	46.9	16.0	91.7
	Site Average		56.8		55.9		57.2	12.9	54.7
	LSD (0.05)		11.9		10.0		2.0	0.9	7.7
	CV (%)		11.6		14.9		2.1	4.2	8.6

[†] 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.