

2010 Oregon Spring Elite Yield Trials - CBARC

Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

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

Entry	Variety	Class	2010 Yield Data [‡]		2010 Agronomic Data			
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
23	IDO644	SWS	74.2	1	57.3	37.0	164.0	11.5
20	ALTURAS	SWS	74.1	2	58.1	38.0	168.0	11.2
30	BABE	SWS	72.3	3	57.4	39.7	168.3	11.8
24	IDO668	SWS	72.1	4	57.5	39.0	165.3	11.3
7	UI WINCHESTER	HRS	71.2	5	57.7	36.3	165.0	13.0
5	MALBEC	HRS	71.0	6	56.6	33.7	163.7	14.3
22	IDO671	SWS	70.8	7	58.6	39.0	166.7	11.1
15	OR4051328	HWS	69.8	8	55.2	35.0	171.7	13.2
18	NICK	SWS	69.8	9	57.0	40.0	165.0	11.8
14	PATWIN	HWS	69.2	10	55.8	29.3	166.7	14.5
9	BZ901-717	HRS	67.7	11	57.0	39.3	164.7	13.1
19	OR4041268	SWS	65.6	12	56.0	35.7	170.7	12.6
28	DIVA	SWS	65.4	13	56.3	40.0	170.3	12.3
12	LASSIK	HRS	65.1	14	55.6	32.3	169.0	14.2
29	WHIT	SWS	64.9	15	55.0	38.3	167.3	12.8
25	IDO669	SWS	64.7	16	56.8	40.3	171.0	12.3
17	CLEAR WHITE	HWS	64.2	17	56.9	34.7	162.7	14.3
6	JEFFERSON*	HRS	64.0	18	56.6	40.0	170.0	14.2
3	BULLSEYE	HRS	62.9	19	56.9	35.0	169.0	14.6
27	JD	Club	61.8	20	58.5	42.7	172.0	12.5
4	CABERNET	HRS	61.7	21	56.6	30.3	164.7	13.9
26	ALPOWA*	SWS	61.3	22	56.9	39.7	171.0	12.0
21	UI CATALDO	SWS	61.2	23	57.0	37.0	164.0	12.1
13	KERN	HWS	61.1	24	53.7	36.3	165.0	14.9
16	OR4061191	HWS	60.2	25	54.2	34.7	173.7	14.3
11	KELSE	HRS	59.2	26	53.7	39.3	170.0	16.4
8	IDO665	HRS	57.9	27	53.9	36.3	165.0	14.1
2	OR4031177	HRS	57.4	28	57.5	38.7	169.7	14.0
10	HANK	HRS	54.5	29	52.6	34.3	165.0	14.7
1	OR4990114	HRS	53.5	30	53.2	35.3	168.3	13.8
	Site Average		65.0		56.2	36.9	167.6	13.2
	LSD (0.05)		9.8		2.6	1.6	1.3	1.5
	CV (%)		9.3		2.9	2.7	0.5	6.9

[†] 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.

Grain yields in bold met or exceeded the protein targets for their class.

* Indicates check variety.