

2010 Oregon Spring 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	2010 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2010 Agronomic Data			
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Plant Height	Heading Date	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	inches	DOY	%
18	NICK	SWS	63.5	1	56.2	1	49.2	1	58.9	29.7	169.0	12.0
30	BABE	SWS	61.9	2	49.1	10	43.1	7	59.3	31.3	171.0	11.1
4	CABERNET	HRS	60.7	3	51.3	6	44.0	5	60.6	26.3	169.0	13.2
5	MALBEC	HRS	60.5	4					59.7	28.7	168.0	13.0
29	WHIT	SWS	60.4	5	53.7	3	46.6	2	58.2	31.0	170.0	12.0
28	DIVA	SWS	59.7	6	53.5	4			59.0	31.3	171.0	10.8
6	JEFFERSON*	HRS	58.7	7	49.9	9	43.5	6	60.2	30.3	168.0	12.2
1	OR4990114	HRS	58.6	8	50.9	7	44.6	4	60.2	29.0	170.0	13.1
10	HANK	HRS	58.2	9	51.6	5	44.9	3	57.8	29.7	170.0	13.0
3	BULLSEYE	HRS	58.1	10	50.0	8			61.6	27.3	170.0	12.4
8	IDO665	HRS	57.2	11					58.5	30.7	170.0	12.8
26	ALPOWA*	SWS	56.2	12	45.3	16	40.1	10	57.6	32.0	173.0	11.8
23	IDO644	SWS	55.7	13	55.0	2			57.9	29.0	168.0	11.5
16	OR4061191	HWS	55.2	14					59.2	29.3	175.0	12.2
17	CLEAR WHITE	HWS	54.4	15					59.3	28.0	168.0	13.6
27	JD	Club	53.4	16	46.8	11			59.9	32.3	174.0	12.1
14	PATWIN	HWS	53.4	17					58.5	23.3	171.0	14.0
13	KERN	HWS	53.3	18					58.5	23.0	171.0	14.2
11	KELSE	HRS	53.0	19	46.1	12	40.8	8	58.4	33.3	171.0	13.8
7	UI WINCHESTER	HRS	52.7	20	46.0	13			60.9	28.0	170.0	12.5
9	BZ901-717	HRS	52.0	21	44.2	17	38.3	11	59.0	31.7	168.0	13.4
12	LASSIK	HRS	51.8	22					59.1	27.3	170.0	13.3
19	OR4041268	SWS	51.6	23					58.1	30.0	173.0	12.0
2	OR4031177	HRS	49.9	24	40.9	19			59.3	32.7	171.0	13.3
15	OR4051328	HWS	49.2	25	40.0	20			55.6	28.7	175.0	12.5
25	IDO669	SWS	49.0	26					58.1	33.0	172.0	11.8
22	IDO671	SWS	48.5	27	45.5	15			58.6	30.3	170.0	11.3
21	UI CATALDO	SWS	46.9	28	45.5	14	40.3	9	57.3	29.0	170.0	12.0
24	IDO668	SWS	46.0	29					57.3	30.3	170.0	11.3
20	ALTURAS	SWS	45.3	30	43.5	18	37.1	12	57.1	30.0	171.0	11.6
	Site Average		54.5		48.2		42.7		58.8	29.6	170.6	12.5
	LSD (0.05)		6.6		4.3		3.1		1.9	1.5		1.0
	CV (%)		7.4		7.7		7.6		1.9	3.1		5.1

[†] 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.

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

* Indicates check variety.