



2011 OREGON SPRING ELITE YIELD TRIALS PENDLETON-CBARC



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality index score.
Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

5 Year Average Yield = 56.7 bu/ac

Entry	Variety	Class	2011 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
33	WA 8124	SWS	78.9	1				
24	IDO 599	SWS	76.2	2				
28	LOUISE	SWS	73.8	3				
29	JD	CLUB	73.3	4	68.4	4	64.0	8
20	ALTURAS	SWS	73.2	5	73.6	1	66.6	3
23	IDO 644	SWS	72.9	6	73.5	2	71.9	1
34	MERRILL II	SWS	70.2	7				
30	DIVA	SWS	70.0	8	68.1	5	66.1	4
19	OR4041268	SWS	69.2	9	67.7	6		
12	LASSIK	HRS	68.7	10	66.9	8		
22	IDO 671	SWS	68.1	11	69.3	3	68.3	2
25	IDO 686	SWS	66.8	12				
26	IDO 687	SWS	63.9	13				
14	UC 1618	HRS	63.8	14				
18	OR4051328	HWS	62.8	15	65.8	9	61.4	9
32	BABE	SWS	62.7	16	66.9	7	65.7	5
31	WHIT	SWS	61.1	17	62.8	12	64.8	6
16	PATWIN	HWS	60.2	18	64.7	10		
7	UI WINCHESTER	HRS	58.6	19	64.0	11	64.5	7
17	SY CAPSTONE	HWS	57.3	20				
21	UI CATALDO	SWS	57.0	21	58.8	14	58.8	11
2	WA 8074	HRS	56.9	22				
35	HL 550	SWS	55.9	23				
10	BUCK PRONTO	HRS	55.0	24				
1	KELSE	HRS	54.8	25	56.7	18	58.0	13
6	JEFFERSON*	HRS	54.7	26	58.7	15	59.1	10
5	MALBEC	HRS	54.0	27	61.3	13		
27	ALPOWA*	SWS	53.9	28	57.1	16	56.2	14
8	IDO 702	HRS	53.6	29				
4	CABERNET	HRS	53.2	30	56.8	17	54.8	15
13	UC 1617	HRS	53.0	31				
3	BULLSEYE	HRS	51.5	32	56.3	19	58.6	12
15	YF-11	HRS	51.2	33				
9	CERERE	HRS	49.7	34				
11	10 Fx Inc1	HRS	47.9	35				
	Site Average		61.6		64.0		62.6	
	LSD (0.05)		7.6		5.9		4.9	
	CV (%)		8.6		8.5		8.9	

[†] 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. HRS and HWS grain yields in bold met or exceeded the protein targets for their class.

* Indicates check variety.



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Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

5 Year Average Test Weight = 57.3 lbs/bu 5 Year Average Grain Protein = 13.2%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
33	WA 8124	SWS	62.1	33.5	174.5	9.0
24	IDO 599	SWS	61.4	32.3	169.8	9.0
28	LOUISE	SWS	62.2	34.0	171.5	8.9
29	JD	CLUB	62.9	37.5	172.5	9.4
20	ALTURAS	SWS	62.1	31.5	171.8	9.4
23	IDO 644	SWS	61.9	31.3	167.0	9.0
34	MERRILL II	SWS	62.4	31.8	175.5	9.5
30	DIVA	SWS	62.3	34.0	171.8	9.1
19	OR4041268	SWS	63.3	28.5	172.5	9.6
12	LASSIK	HRS	63.4	28.3	169.3	10.4
22	IDO 671	SWS	61.8	32.3	169.8	8.8
25	IDO 686	SWS	62.7	33.8	172.0	9.7
26	IDO 687	SWS	62.9	30.8	173.0	8.7
14	UC 1618	HRS	63.4	27.8	168.5	10.4
18	OR4051328	HWS	63.0	29.0	172.8	10.2
32	BABE	SWS	63.1	32.0	171.3	8.6
31	WHIT	SWS	63.1	31.0	168.3	9.5
16	PATWIN	HWS	62.4	23.3	169.0	11.4
7	UI WINCHESTER	HRS	63.7	32.0	167.5	10.2
17	SY CAPSTONE	HWS	64.4	27.7	165.7	10.8
21	UI CATALDO	SWS	62.1	28.8	167.5	9.6
2	WA 8074	HRS	63.1	31.3	166.7	9.5
35	HL 550	SWS	60.1	30.0	171.0	9.3
10	BUCK PRONTO	HRS	64.5	34.0	168.0	11.6
1	KELSE	HRS	63.9	33.5	171.5	11.7
6	JEFFERSON*	HRS	62.6	30.0	168.0	10.6
5	MALBEC	HRS	63.5	27.3	165.8	10.8
27	ALPOWA*	SWS	63.6	31.5	172.5	8.7
8	IDO 702	HRS	62.7	30.8	168.8	10.9
4	CABERNET	HRS	64.6	24.8	167.0	11.5
13	UC 1617	HRS	62.6	27.8	170.0	11.9
3	BULLSEYE	HRS	64.9	26.0	169.0	9.6
15	YF-11	HRS	65.3	31.7	168.3	11.5
9	CERERE	HRS	63.0	27.3	174.8	10.1
11	10 Fx Inc1	HRS	63.4	30.8	168.3	10.8
	Site Average		62.9	30.4	170.1	10.0
	LSD (0.05)		0.4	2.0	1.1	0.6
	CV (%)		0.5	4.6	0.5	4.0

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