



## 2011 OREGON SPRING ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index<sup>†</sup> = 2.5  
1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust reduced grain yields of susceptible varieties.  
High plot to plot variability reduced site quality index score.

5 Year Average Yield = 52.0 bu/ac

Entry	Variety	Class	2011 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
15	YF-11	HRS	<b>94.0</b>	1				
12	LASSIK	HRS	<b>90.9</b>	2	69.1	6		
26	IDO 687	SWS	88.4	3				
33	WA 8124	SWS	85.8	4				
28	LOUISE	SWS	85.1	5				
19	OR4041268	SWS	83.8	6	70.0	5		
31	WHIT	SWS	83.6	7	61.5	12	64.2	6
13	UC 1617	HRS	<b>83.3</b>	8				
10	BUCK PRONTO	HRS	<b>82.5</b>	9				
18	OR4051328	HWS	<b>82.2</b>	10	74.0	1	67.1	2
14	UC 1618	HRS	<b>81.5</b>	11				
22	IDO 671	SWS	81.3	12	70.5	3	69.2	1
32	BABE	SWS	81.0	13	66.3	8	65.3	4
7	UI WINCHESTER	HRS	<b>80.9</b>	14	64.5	11	64.9	5
25	IDO 686	SWS	80.1	15				
29	JD	CLUB	79.9	16	68.2	7	63.4	7
24	IDO 599	SWS	79.9	17				
2	WA 8074	HRS	<b>79.1</b>	18				
20	ALTURAS	SWS	79.0	19	64.8	10	60.5	9
1	KELSE	HRS	<b>76.2</b>	20	61.2	13	61.1	8
16	PATWIN	HWS	<b>74.4</b>	21	71.0	2		
5	MALBEC	HRS	<b>74.2</b>	22	70.0	4		
23	IDO 644	SWS	73.4	23	65.4	9	66.2	3
3	BULLSEYE	HRS	<b>73.3</b>	24	58.8	15	60.4	10
4	CABERNET	HRS	<b>70.3</b>	25	60.3	14	56.8	13
11	10 Fx Inc1	HRS	<b>68.9</b>	26				
27	ALPOWA*	SWS	67.7	27	57.6	16	56.5	14
30	DIVA	SWS	66.6	28	55.2	18	57.6	12
17	SY CAPSTONE	HWS	<b>66.5</b>	29				
6	JEFFERSON*	HRS	<b>66.4</b>	30	57.2	17	58.1	11
34	MERRILL II	SWS	64.9	31				
21	UI CATALDO	SWS	61.9	32	50.5	19	53.0	15
35	HL 550	SWS	61.7	33				
8	IDO 702	HRS	<b>56.8</b>	34				
9	CERERE	HRS	56.8	35				
	Site Average		76.0		64.1		61.7	
	LSD (0.05)		10.8		6.4		5.6	
	CV (%)		9.2		8.9		10.0	

<sup>†</sup> 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.

<sup>‡</sup> 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.



## 2011 OREGON SPRING ELITE YIELD TRIALS PENDLETON-RUGGS



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

Site Description: Severe stripe rust reduced grain yields of susceptible varieties.  
High plot to plot variability reduced site quality index score.

5 Year Average Test Weight = 58.4 lbs/bu    5 Year Average Grain Protein = 14.0%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %	Stripe Rust %
15	YF-11	HRS	64.1		14.5	8.3
12	LASSIK	HRS	61.2		13.6	2.3
26	IDO 687	SWS	63.0		11.7	55.0
33	WA 8124	SWS	61.3		11.9	17.5
28	LOUISE	SWS	61.7		11.4	32.5
19	OR4041268	SWS	61.0		12.4	8.3
31	WHIT	SWS	61.7		11.8	60.0
13	UC 1617	HRS	61.1		15.1	8.8
10	BUCK PRONTO	HRS	63.8		15.3	13.8
18	OR4051328	HWS	59.3		12.6	32.5
14	UC 1618	HRS	61.8		13.3	3.0
22	IDO 671	SWS	62.0		11.1	27.5
32	BABE	SWS	62.3		11.6	45.0
7	UI WINCHESTER	HRS	62.9		13.3	40.0
25	IDO 686	SWS	62.8		11.6	16.3
29	JD	CLUB	62.6		12.4	1.0
24	IDO 599	SWS	62.1		11.2	31.3
2	WA 8074	HRS	62.2		13.3	57.5
20	ALTURAS	SWS	61.4		11.2	25.0
1	KELSE	HRS	62.2		14.7	30.0
16	PATWIN	HWS	58.6		15.2	1.0
5	MALBEC	HRS	61.3		13.4	15.0
23	IDO 644	SWS	61.4		11.2	46.3
3	BULLSEYE	HRS	62.7		13.4	47.5
4	CABERNET	HRS	63.3		13.6	28.3
11	10 Fx Inc1	HRS	61.6		13.4	65.0
27	ALPOWA*	SWS	62.1		11.0	45.0
30	DIVA	SWS	60.4		11.4	22.5
17	SY CAPSTONE	HWS	62.9		12.8	52.5
6	JEFFERSON*	HRS	61.7		13.5	40.0
34	MERRILL II	SWS	60.0		13.0	47.5
21	UI CATALDO	SWS	61.0		11.8	72.5
35	HL 550	SWS	59.8		10.9	70.0
8	IDO 702	HRS	60.2		13.4	33.3
9	CERERE	HRS	60.8		12.3	43.3
	Site Average		61.7		12.6	33.0
	LSD (0.05)		0.8		0.4	9.3
	CV (%)		0.8		2.1	18.0

† 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 si  
HRS and HWS Grain yields in bold met or exceeded the protein targets for their class.

\* Indicates check variety.