



2015 OREGON SPRING ELITE YIELD TRIALS PENDLETON



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

Site Description: Drought conditions reduced test weights and increased grain protein contents at this site.
High plot to plot variability reduced the site quality index score at this site.

5 Year Average Yield = 53.1 bu/ac

Entry	Variety	Class	2015 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
9	WB 9668	HRS	67.2	1	44.0	8		
5	SY 3001-2	HRS	65.0	2				
42	WB 6341	SWS	64.6	3	44.9	7	49.3	3
41	WB 6121	SWS	63.4	4	52.1	1	51.3	2
36	WA 8214	SWS	61.2	5				
28	UC 12013-22	HWS	61.0	6	42.5	10	46.4	7
1	WA 8217	HRS	60.0	7				
23	LCS ATOMO	HWS	59.5	8	39.7	15		
27	CLEAR WHITE 515	HWS	59.2	9	46.4	4		
35	WHIT	SWS	59.1	10	49.7	2	51.4	1
40	12 SW 068	SWS	57.7	11				
7	10 SB 0087-B	HRS	54.5	12	39.5	18		
22	DAYN	HWS	54.4	13	45.4	5	46.0	9
6	11 SB 0096	HRS	54.4	14	46.7	3	47.3	5
43	UI STONE	SWS	54.2	15	39.7	16	45.5	10
37	WA 8189	SWS	53.8	16	40.4	13	46.9	6
19	HRS 3361	HRS	53.1	17				
21	YS 802	HRS	52.9	18				
11	JEFFERSON*	HRS	52.6	19	45.3	6	46.0	8
8	WB 9518	HRS	52.3	20	34.9	24	36.4	19
34	DIVA	SWS	51.9	21	42.7	9	48.6	4
13	IDO 862 E	HRS	50.5	22	40.4	14	42.3	14
3	SY STEELHEAD	HRS	50.2	23	41.1	11	43.5	12
24	LCS STAR	HWS	50.1	24	39.6	17		
2	SY BULLSEYE	HRS	48.9	25	40.9	12	45.2	11
29	UC 1744	HWS	48.4	26	36.6	20		
14	IDO 862 T	HRS	48.0	27	37.6	19	38.2	16
17	HRS 3504	HRS	47.3	28				
30	UI PLATINUM	HWS	47.0	29	35.0	23	37.7	17
16	HRS 3419	HRS	46.6	30				
38	12 SW 079	SWS	46.6	31				
25	12 SB 0146	HWS	46.3	32				
4	SY 04W40292R	HRS	45.6	33	34.1	26		
32	YS 601	HWS	45.5	34				
39	12 SW 052	SWS	45.5	35				
33	ALTURAS	SWS	43.5	36	34.5	25	41.2	15
10	WB 9229	HRS	43.3	37				
44	M 12001	SWS	43.2	38				
12	UI WINCHESTER	HRS	42.8	39	35.8	22		
31	IDO 1202 S	HWS	41.4	40	36.2	21	42.9	13
15	UC 1745	HRS	41.2	41	32.9	27		
45	IDO 851	SWS	40.6	42	31.5	28	37.4	18
20	YS 801	HRS	38.5	43				
26	12 SB 0131	HWS	38.0	44				
18	HRS 3530	HRS	36.0	45				
	Site Average		50.8		40.1		44.3	
	LSD (0.05)		8.2		5.4		4.8	
	CV (%)		11.4		12.9		12.8	

[†] 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.



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Site Description: Drought conditions reduced test weights and increased grain protein contents at this site.
High plot to plot variability reduced the site quality index score at this site.

5 Year Average Test Weight = 60.7 lbs/bu 5 Year Average Grain Protein = 12.8%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein
			lbs/bu	inches	DOY	%
9	WB 9668	HRS	59.5	32.3	149.3	14.8
5	SY 3001-2	HRS	56.8	34.3	150.0	14.5
42	WB 6341	SWS	57.9	35.5	150.8	15.2
41	WB 6121	SWS	57.2	35.0	151.0	14.2
36	WA 8214	SWS	57.6	33.0	151.0	15.3
28	UC 12013-22	HWS	53.4	33.0	153.3	15.1
1	WA 8217	HRS	56.8	35.8	152.5	14.1
23	LCS ATOMO	HWS	59.8	31.8	148.3	14.7
27	CLEAR WHITE 515	HWS	58.9	33.8	148.0	14.2
35	WHIT	SWS	56.2	33.5	152.0	14.9
40	12 SW 068	SWS	54.4	35.8	152.5	15.7
7	10 SB 0087-B	HRS	57.3	34.5	153.3	15.8
22	DAYN	HWS	57.5	32.5	150.8	15.2
6	11 SB 0096	HRS	56.3	33.5	153.8	15.2
43	UI STONE	SWS	59.1	32.0	149.0	15.3
37	WA 8189	SWS	54.6	32.8	155.8	15.4
19	HRS 3361	HRS	56.0	33.8	152.3	14.9
21	YS 802	HRS	60.0	30.8	143.3	14.9
11	JEFFERSON*	HRS	56.9	32.8	150.3	14.4
8	WB 9518	HRS	58.4	32.0	150.0	16.0
34	DIVA	SWS	54.8	34.8	153.3	14.6
13	IDO 862 E	HRS	59.4	34.3	146.3	15.3
3	SY STEELHEAD	HRS	59.6	35.3	153.8	14.8
24	LCS STAR	HWS	55.4	35.5	152.5	15.1
2	SY BULLSEYE	HRS	59.1	33.3	149.5	14.4
29	UC 1744	HWS	56.5	36.5	150.5	14.6
14	IDO 862 T	HRS	58.6	34.0	148.5	14.8
17	HRS 3504	HRS	52.7	32.0	155.0	14.4
30	UI PLATINUM	HWS	59.7	31.5	147.8	15.1
16	HRS 3419	HRS	55.1	33.3	154.0	15.2
38	12 SW 079	SWS	51.9	32.3	155.5	14.9
25	12 SB 0146	HWS	55.9	30.5	153.3	15.3
4	SY 04W40292R	HRS	53.6	33.0	155.5	14.9
32	YS 601	HWS	56.1	35.3	154.3	15.2
39	12 SW 052	SWS	52.1	34.0	155.5	15.4
33	ALTURAS	SWS	55.6	32.8	154.0	14.7
10	WB 9229	HRS	56.8	31.8	152.5	15.3
44	M 12001	SWS	56.2	33.0	154.8	15.1
12	UI WINCHESTER	HRS	58.4	34.5	151.0	14.5
31	IDO 1202 S	HWS	57.3	34.5	153.0	14.5
15	UC 1745	HRS	56.0	32.5	155.3	13.8
45	IDO 851	SWS	55.8	35.5	153.5	13.1
20	YS 801	HRS	55.4	34.5	156.0	14.9
26	12 SB 0131	HWS	55.4	32.0	154.8	15.2
18	HRS 3530	HRS	55.2	35.0	154.0	14.9
	Site Average		56.6	33.5	152.0	14.9
	LSD (0.05)		1.8	3.3	1.6	NS
	CV (%)		2.3	7.1	0.8	7.3

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