



## 2015 OREGON SPRING ELITE YIELD TRIALS KLAMATH FALLS (Irrigated)



Site Quality Index<sup>†</sup> = 1.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Early season heat stress resulted in poor grain yields and test weights at this site.

Low grain yields led to high grain proteins at this site.

High plot to plot variability reduced the site quality index score at this site.

5 Year Average Yield = 119.0 bu/ac

Entry	Variety	Class	2015 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
43	UI STONE	SWS	94.8	1	111.2	1	125.3	1
14	IDO 862 T	HRS	93.3	2	100.4	3	117.3	3
38	12 SW 079	SWS	87.8	3				
36	WA 8214	SWS	87.7	4				
23	LCS ATOMO	HWS	84.4	5	91.0	9		
29	UC 1744	HWS	82.7	6	95.7	4		
45	IDO 851	SWS	82.1	7	92.1	7	117.2	4
42	WB 6341	SWS	81.9	8	102.6	2	120.0	2
11	JEFFERSON*	HRS	81.6	9	93.4	6	107.0	6
12	UI WINCHESTER	HRS	81.0	10	83.2	16		
39	12 SW 052	SWS	74.4	11				
22	DAYN	HWS	73.8	12	84.5	12	110.8	5
34	DIVA	SWS	72.0	13	76.3	22	78.9	19
27	CLEAR WHITE 515	HWS	71.3	14	89.0	11		
6	11 SB 0096	HRS	70.4	15	78.0	20	102.0	10
4	SY 04W40292R	HRS	69.7	16	91.1	8		
17	HRS 3504	HRS	68.6	17				
9	WB 9668	HRS	65.6	18	81.3	18		
3	SY STEELHEAD	HRS	65.4	19	83.5	13	101.8	11
44	M 12001	SWS	64.2	20				
40	12 SW 068	SWS	63.0	21				
13	IDO 862 E	HRS	61.6	22	83.4	15	105.4	8
25	12 SB 0146	HWS	60.7	23				
37	WA 8189	SWS	60.6	24	73.9	23	89.1	17
16	HRS 3419	HRS	60.4	25				
28	UC 12013-22	HWS	59.3	26	89.1	10	103.5	9
21	YS 802	HRS	59.3	27				
33	ALTURAS	SWS	58.3	28	83.4	14	106.3	7
24	LCS STAR	HWS	57.8	29	93.5	5		
32	YS 601	HWS	56.7	30				
7	10 SB 0087-B	HRS	56.2	31	73.9	24		
26	12 SB 0131	HWS	55.4	32				
30	UI PLATINUM	HWS	55.0	33	80.4	19	97.7	13
35	WHIT	SWS	54.2	34	70.0	26	87.5	18
15	UC 1745	HRS	53.7	35	83.1	17		
31	IDO 1202 S	HWS	53.1	36	73.6	25	94.8	15
8	WB 9518	HRS	46.2	37	66.1	28	93.1	16
10	WB 9229	HRS	45.3	38				
41	WB 6121	SWS	41.2	39	69.5	27	96.0	14
2	SY BULLSEYE	HRS	40.8	40	77.2	21	100.4	12
1	WA 8217	HRS	35.6	41				
5	SY 3001-2	HRS	33.3	42				
18	HRS 3530	HRS	32.2	43				
20	YS 801	HRS	31.1	44				
19	HRS 3361	HRS	23.0	45				
	Site Average		62.8		84.7		102.8	
	LSD (0.05)		15.1		12.7		10.1	
	CV (%)		15.9		14.3		11.5	

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

\* Indicates check variety.



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Low grain yields led to high grain proteins at this site.

High plot to plot variability reduced the site quality index score at this site.

5 Year Average Test Weight = 61.4 lbs/bu    5 Year Average Grain Protein = 13.2%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
43	UI STONE	SWS	60.8	26.3	175.0	13.9
14	IDO 862 T	HRS	61.1	25.3	176.3	15.8
38	12 SW 079	SWS	58.7	28.5	185.8	13.8
36	WA 8214	SWS	59.3	22.8	171.5	15.0
23	LCS ATOMO	HWS	58.4	20.0	175.0	16.4
29	UC 1744	HWS	58.7	23.0	180.3	16.0
45	IDO 851	SWS	58.3	26.3	183.3	13.6
42	WB 6341	SWS	59.2	21.0	179.5	13.2
11	JEFFERSON*	HRS	60.2	23.3	179.8	15.3
12	UI WINCHESTER	HRS	60.6	24.3	176.8	15.3
39	12 SW 052	SWS	55.7	28.0	183.3	14.2
22	DAYN	HWS	57.6	23.5	180.3	15.8
34	DIVA	SWS	57.6	25.7	182.0	13.6
27	CLEAR WHITE 515	HWS	56.8	22.5	178.5	16.6
6	11 SB 0096	HRS	58.1	18.7	183.3	16.6
4	SY 04W40292R	HRS	53.6	24.7	185.8	17.6
17	HRS 3504	HRS	57.8	22.3	180.3	15.7
9	WB 9668	HRS	59.1	18.5	175.0	19.0
3	SY STEELHEAD	HRS	60.0	21.0	183.3	17.1
44	M 12001	SWS	58.3	25.7	185.8	14.5
40	12 SW 068	SWS	55.9	24.0	184.5	14.4
13	IDO 862 E	HRS	60.7	22.7	169.8	17.0
25	12 SB 0146	HWS	57.7	23.0	184.5	16.0
37	WA 8189	SWS	56.8	25.8	184.5	14.9
16	HRS 3419	HRS	56.4	23.7	181.5	17.0
28	UC 12013-22	HWS	56.3	22.8	184.5	17.1
21	YS 802	HRS	59.2	25.7	167.5	18.3
33	ALTURAS	SWS	58.0	21.3	183.3	14.3
24	LCS STAR	HWS	54.9	23.0	180.3	16.7
32	YS 601	HWS	58.2	21.3	185.8	15.9
7	10 SB 0087-B	HRS	56.9	22.3	184.5	16.9
26	12 SB 0131	HWS	56.2	27.0	184.5	15.4
30	UI PLATINUM	HWS	57.9	22.3	173.3	15.4
35	WHIT	SWS	56.8	20.3	178.5	16.1
15	UC 1745	HRS	57.7	25.3	183.0	16.7
31	IDO 1202 S	HWS	58.5	27.3	183.3	16.3
8	WB 9518	HRS	55.1	21.0	185.8	18.5
10	WB 9229	HRS	55.4	21.5	185.8	18.6
41	WB 6121	SWS	58.4	16.0	178.5	16.9
2	SY BULLSEYE	HRS	59.4	20.0	184.5	16.9
1	WA 8217	HRS	56.7	21.7	180.3	18.1
5	SY 3001-2	HRS	53.6	24.5	180.3	17.8
18	HRS 3530	HRS	54.6	27.3	181.0	17.8
20	YS 801	HRS	56.1	29.7	185.8	16.9
19	HRS 3361	HRS	52.1	18.3	180.3	19.1
	Site Average		57.5	23.3	180.8	16.2
	LSD (0.05)		2.0	2.8	4.4	1.1
	CV (%)		2.5	8.0	1.8	4.9

<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.

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