



2015 OREGON SPRING ELITE YIELD TRIALS MADRAS (Irrigated)



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

Site Description: High plot to plot variability due to uneven irrigation reduced the site quality index score at this site.
Data from 2013 was not available for this site.

5 Year Average Yield = 101.4 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
8	WB 9518	HRS	148.8	1	133.8	1		
15	UC 1745	HRS	139.8	2	117.6	11		
22	DAYN	HWS	137.3	3	129.4	4		
26	12 SB 0131	HWS	135.8	4				
23	LCS ATOMO	HWS	134.6	5	130.5	3		
27	CLEAR WHITE 515	HWS	133.6	6	132.6	2		
24	LCS STAR	HWS	133.5	7	126.2	6		
28	UC 12013-22	HWS	132.5	8	128.2	5		
25	12 SB 0146	HWS	131.8	9				
9	WB 9668	HRS	129.0	10	123.2	8		
13	IDO 862 E	HRS	128.4	11	116.5	14		
41	WB 6121	SWS	125.7	12	117.6	12		
30	UI PLATINUM	HWS	124.6	13	123.9	7		
29	UC 1744	HWS	124.6	14	122.0	9		
6	11 SB 0096	HRS	123.2	15	114.6	17		
40	12 SW 068	SWS	122.1	16				
43	UI STONE	SWS	121.5	17	117.0	13		
7	10 SB 0087-B	HRS	119.2	18	114.8	16		
1	WA 8217	HRS	117.6	19				
10	WB 9229	HRS	117.5	20				
44	M 12001	SWS	116.6	21				
16	HRS 3419	HRS	115.1	22				
5	SY 3001-2	HRS	112.3	23				
45	IDO 851	SWS	112.0	24	109.4	20		
4	SY 04W40292R	HRS	110.2	25	107.4	24		
36	WA 8214	SWS	109.8	26				
35	WHIT	SWS	109.7	27	115.6	15		
39	12 SW 052	SWS	109.3	28				
38	12 SW 079	SWS	107.9	29				
14	IDO 862 T	HRS	107.3	30	119.1	10		
37	WA 8189	SWS	106.9	31	108.4	21		
2	SY BULLSEYE	HRS	105.1	32	107.9	22		
21	YS 802	HRS	105.0	33				
31	IDO 1202 S	HWS	100.3	34	111.0	18		
42	WB 6341	SWS	99.4	35	109.5	19		
3	SY STEELHEAD	HRS	99.2	36	107.4	23		
11	JEFFERSON*	HRS	97.0	37	106.1	25		
12	UI WINCHESTER	HRS	95.8	38	99.3	28		
33	ALTURAS	SWS	93.6	39	101.1	27		
34	DIVA	SWS	88.3	40	103.1	26		
32	YS 601	HWS	86.3	41				
17	HRS 3504	HRS	77.7	42				
18	HRS 3530	HRS	77.4	43				
20	YS 801	HRS	72.1	44				
19	HRS 3361	HRS	69.3	45				
	Site Average		112.1		15.8			
	LSD (0.05)		16.2		12.7			
	CV (%)		9.3		10.1			

[†] 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.

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5 Year Average Test Weight = 60.1 lbs/bu 5 Year Average Grain Protein = 11.8%

Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
8	WB 9518	HRS		62.8	40.0	13.7
15	UC 1745	HRS		62.6	43.3	12.4
22	DAYN	HWS		62.3	41.3	12.9
26	12 SB 0131	HWS		61.0	43.3	12.9
23	LCS ATOMO	HWS		61.8	40.4	12.3
27	CLEAR WHITE 515	HWS		61.7	40.0	13.7
24	LCS STAR	HWS		60.1	40.0	12.9
28	UC 12013-22	HWS		59.7	36.7	13.2
25	12 SB 0146	HWS		59.6	38.9	12.3
9	WB 9668	HRS		63.1	39.9	14.1
13	IDO 862 E	HRS		62.0	44.6	13.5
41	WB 6121	SWS		61.8	41.8	12.3
30	UI PLATINUM	HWS		61.8	46.6	12.7
29	UC 1744	HWS		62.1	42.0	13.6
6	11 SB 0096	HRS		60.8	38.9	13.2
40	12 SW 068	SWS		58.9	40.8	12.5
43	UI STONE	SWS		60.9	43.8	10.9
7	10 SB 0087-B	HRS		61.5	42.3	13.2
1	WA 8217	HRS		61.5	42.7	13.6
10	WB 9229	HRS		62.5	39.4	13.3
44	M 12001	SWS		60.3	38.1	11.2
16	HRS 3419	HRS		61.7	39.4	12.7
5	SY 3001-2	HRS		59.5	40.0	13.5
45	IDO 851	SWS		60.8	39.4	10.8
4	SY 04W40292R	HRS		60.7	39.4	13.8
36	WA 8214	SWS		59.0	40.4	12.0
35	WHIT	SWS		58.8	42.8	11.4
39	12 SW 052	SWS		56.8	38.4	12.7
38	12 SW 079	SWS		57.5	41.3	12.6
14	IDO 862 T	HRS		61.3	41.3	13.7
37	WA 8189	SWS		61.3	42.3	11.3
2	SY BULLSEYE	HRS		62.1	40.7	12.9
21	YS 802	HRS		62.3	42.7	14.2
31	IDO 1202 S	HWS		61.8	38.7	13.2
42	WB 6341	SWS		59.0	43.8	11.1
3	SY STEELHEAD	HRS		62.6	41.8	14.6
11	JEFFERSON*	HRS		59.8	42.0	13.6
12	UI WINCHESTER	HRS		60.7	43.8	13.7
33	ALTURAS	SWS		58.7	44.0	11.4
34	DIVA	SWS		60.2	37.4	12.7
32	YS 601	HWS		59.9	41.3	12.3
17	HRS 3504	HRS		56.8	43.3	13.3
18	HRS 3530	HRS		58.6	42.0	13.8
20	YS 801	HRS		62.1	43.3	13.7
19	HRS 3361	HRS		57.1	39.9	13.7
	Site Average			60.6	41.2	12.9
	LSD (0.05)			1.9	3.9	0.8
	CV (%)			2.0	6.2	4.2

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