



2016 OREGON HARD SPRING ELITE YIELD TRIALS MADRAS (Irrigated)



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

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

5 Year Average Yield = 110.2 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2016 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
1	ALUM	HRS	MD	128.6	1				
26	WB HARTLINE	HWS	D	126.8	2				
24	LCS ATOMO	HWS		125.1	3	129.9	1	128.7	1
25	LCS STAR	HWS	A	124.2	4	129.5	2	125.6	2
30	IDO 1203S-A	HWS		123.0	5				
29	IDO 1202S	HWS		120.8	6	110.6	10	113.9	6
13	12 SB 0199	HRS		120.5	7				
28	UI PLATINUM	HWS	MD	118.7	8	121.2	5	122.0	4
14	WB 9200	HRS		118.0	9				
16	WB 9668	HRS		115.4	10	121.2	4	120.3	5
23	YS 802-1	HRS		112.0	11	109.0	12		
27	WB 7417	HWS		110.6	12				
5	SY SELWAY (04PN3001-2)	HRS		110.1	13	111.2	9		
17	WB 9229	HRS		108.4	14	114.4	6		
2	BULLSEYE	HRS	D	107.2	15	106.3	14	107.6	9
4	SY COHO (04W40292R)	HRS		106.9	16	108.3	13	107.2	10
10	10 SB 0087-B	HRS		106.4	17	111.9	8	111.8	7
11	12 SB 0224	HRS		105.1	18				
9	LCS IRON (11 SB 0096)	HRS		103.8	19	112.1	7	110.7	8
15	WB 9518	HRS		103.7	20	129.5	3	124.8	3
12	12 SB 0197	HRS		101.4	21				
18	WB 9879 CLP	HRS	A	101.3	22				
20	HRS 3419	HRS		100.7	23	109.4	11		
3	SY STEELHEAD	HRS		99.6	24	99.4	15	105.7	11
7	SY 04PN3051-9	HRS		99.2	25				
22	HRS 3361	HRS		98.8	26	84.0	17		
21	HRS 3504	HRS		98.2	27	86.5	16		
8	SY 06PN3015-08	HRS		95.9	28				
19	HRS 3100	HRS		91.9	29				
6	SY BASALT (04W40240R)	HRS		80.4	30				
	Site Average			108.5		111.3		116.1	
	LSD (0.05)			13.5		10.6		9.3	
	CV (%)			7.6		8.7		9.1	

[†] 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 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.

[‡] 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.

[‡] Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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

5 Year Average Test Weight = 60.0 lbs/bu 5 Year Average Grain Protein = 12.0%

Entry	Variety	Class	Test Weight	Plant Height	Protein
			lbs/bu	inches	%
1	ALUM	HRS	62.2	37.0	11.5
26	WB HARTLINE	HWS	61.7	36.3	10.3
24	LCS ATOMO	HWS	64.1	29.0	9.5
25	LCS STAR	HWS	62.2	32.0	9.6
30	IDO 1203S-A	HWS	63.7	32.0	10.1
29	IDO 1202S	HWS	63.3	38.8	10.3
13	12 SB 0199	HRS	60.6	30.5	9.6
28	UI PLATINUM	HWS	63.0	30.3	9.2
14	WB 9200	HRS	64.0	30.5	11.3
16	WB 9668	HRS	64.1	32.0	11.7
23	YS 802-1	HRS	63.5	42.3	12.1
27	WB 7417	HWS	63.5	37.3	10.8
5	SY SELWAY (04PN3001-2)	HRS	60.8	36.5	10.9
17	WB 9229	HRS	63.2	28.5	10.4
2	BULLSEYE	HRS	63.7	31.8	10.0
4	SY COHO (04W40292R)	HRS	61.3	32.0	10.7
10	10 SB 0087-B	HRS	61.6	30.3	11.0
11	12 SB 0224	HRS	61.3	28.5	9.4
9	LCS IRON (11 SB 0096)	HRS	62.0	30.5	10.7
15	WB 9518	HRS	62.5	31.3	11.3
12	12 SB 0197	HRS	60.7	32.3	9.5
18	WB 9879 CLP	HRS	62.6	35.8	11.5
20	HRS 3419	HRS	61.6	34.3	10.4
3	SY STEELHEAD	HRS	63.9	37.8	11.5
7	SY 04PN3051-9	HRS	63.7	36.3	12.6
22	HRS 3361	HRS	60.4	38.5	11.9
21	HRS 3504	HRS	59.7	34.0	11.1
8	SY 06PN3015-08	HRS	62.9	31.3	9.5
19	HRS 3100	HRS	60.7	37.8	12.1
6	SY BASALT (04W40240R)	HRS	60.8	28.0	10.4
	Site Average		62.3	33.4	10.7
	LSD (0.05)		0.9	3.1	1.2
	CV (%)		1.0	6.7	8.0

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