



2018 OREGON HARD SPRING YIELD TRIALS Madras (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Plots were treated with 6 oz/ac Headline at flagleaf.

Entry	Variety	Class	Quality [¶]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield	Rank	Yield	Rank	Yield	Rank
				bu/ac		bu/ac		bu/ac	
20	UC1838	HRS		135.2	1				
23	12SB0197	HRS		130.2	2	105.7	3	104.3	7
26	XB9290	HRS		129.9	3				
36	12SB0224	HWS		129.9	4	105.1	5	105.1	5
33	IDO1203S-A	HWS		129.8	5	111.2	1	115.1	1
6	WB 9350	HRS		129.2	6	105.2	4		
2	LCS Iron	HRS	D	127.6	7	104.6	6	104.3	6
34	IDO1202S	HWS		126.6	8	107.7	2	112.1	2
25	XB9591	HRS		126.6	9				
28	SY3017-9	HRS		125.9	10				
35	IDO1602S	HWS		124.4	11	98.9	8		
24	16-HRS-5172	HRS		123.9	12				
19	UC1817	HRS		123.8	13				
30	WA 8282	HRS		123.4	14				
8	WB 9518	HRS	D	123.3	15	94.5	14	97.6	11
31	UI Platinum	HWS	MD	123.2	16	102.2	7	107.7	3
13	SY Gunsight	HRS		123.0	17				
7	WB 9668	HRS	D	121.9	18	97.6	11	103.5	8
12	SY Coho	HRS		119.9	19	97.3	12	100.5	9
5	WB 9662	HRS		119.5	20	90.1	16		
27	XB9610	HRS		119.4	21				
3	LCS Luna	HRS	MD	118.6	22	97.8	9		
32	WB 7202 CLP	HWS		118.6	23				
15	Alum	HRS	MD	117.9	24	96.0	13	106.9	4
4	WB 9717	HRS		117.2	25				
11	Lanning	HRS		114.1	26				
17	Kelse	HRS	D	113.4	27	89.6	17		
14	SY Selway	HRS	MD	112.1	28	93.6	15	99.1	10
16	Glee	HRS	MD	111.9	29	97.6	10		
10	Vida	HRS		110.5	30				
29	WA 8280 CL+	HRS		108.6	31				
9	WB 9879 CLP	HRS	A	105.5	32				
21	IDO1603S	HRS		103.6	33	87.4	18		
1	LCS Buck Pronto	HRS	A	103.3	34				
18	YS-802	HRS		102.9	35				
22	IDO1701S	HRS		99.9	36				
	Site Average			119.2		99.0		105.1	
	LSD (0.05)			14.6					
	CV (%)			8.7					

†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 unpublshable
- 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.

* 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: Plots were treated with 6 oz/ac Headline at flagleaf.

Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %
20	UC1838	HRS	36.3	64.1	14.1
23	12SB0197	HRS	33.5	60.6	13.0
26	XB9290	HRS	27.5	65.1	13.7
36	12SB0224	HWS	32.3	61.5	13.2
33	IDO1203S-A	HWS	32.5	65.5	13.3
6	WB 9350	HRS	25.5	63.9	13.0
2	LCS Iron	HRS	36.5	62.5	13.7
34	IDO1202S	HWS	38.8	64.0	14.0
25	XB9591	HRS	27.8	65.3	12.2
28	SY3017-9	HRS	37.0	63.4	13.6
35	IDO1602S	HWS	34.0	64.3	13.9
24	16-HRS-5172	HRS	35.3	60.4	13.2
19	UC1817	HRS	30.5	64.2	14.2
30	WA 8282	HRS	35.3	64.4	14.7
8	WB 9518	HRS	33.0	63.8	15.0
31	UI Platinum	HWS	32.3	64.8	13.4
13	SY Gunsight	HRS	32.5	62.8	14.0
7	WB 9668	HRS	31.8	64.6	15.6
12	SY Coho	HRS	34.8	61.6	14.4
5	WB 9662	HRS	33.8	63.6	15.2
27	XB9610	HRS	33.0	64.3	14.5
3	LCS Luna	HRS	33.0	63.5	12.9
32	WB 7202 CLP	HWS	29.3	64.2	13.2
15	Alum	HRS	36.5	63.8	14.7
4	WB 9717	HRS	33.8	65.1	14.0
11	Lanning	HRS	37.0	63.5	15.3
17	Kelse	HRS	37.3	62.8	15.6
14	SY Selway	HRS	37.5	59.8	14.2
16	Glee	HRS	34.8	64.0	14.3
10	Vida	HRS	36.3	54.2	14.7
29	WA 8280 CL+	HRS	37.5	63.2	14.6
9	WB 9879 CLP	HRS	38.0	63.1	15.1
21	IDO1603S	HRS	29.8	63.1	14.9
1	LCS Buck Pronto	HRS	35.0	63.1	15.9
18	YS-802	HRS	37.0	64.8	15.0
22	IDO1701S	HRS	31.3	63.9	14.9
	Site Average		33.8	63.2	14.2
	LSD (0.05)		2.2	4.6	0.7
	CV (%)		4.7	5.2	3.7

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