



2018 OREGON HARD SPRING YIELD TRIALS Pendleton (No-Till)



Site Quality Index† = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Field suffered from a severe infestation of Hessian fly.

Plots were not treated with fungicide.

There was no spring data from Pendleton in 2017. 2-year and 3-year averages use data from 2016 and 2015.

Entry	Variety	Class	Quality [¶]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
32	WB 7202 CLP	HWS		55.0	1				
30	WA 8282	HRS		54.8	2				
14	SY Selway	HRS	MD	52.3	3	55.3	1		
28	SY3017-9	HRS		50.2	4				
24	16-HRS-5172	HRS		50.1	5				
1	LCS Buck Pronto	HRS	A	48.8	6				
17	Kelse	HRS	D	48.8	7				
16	Glee	HRS	MD	48.4	8				
29	WA 8280 CL+	HRS		48.0	9				
11	Lanning	HRS		47.1	10				
33	IDO1203S-A	HWS		46.9	11	45.2	5		
21	IDO1603S	HRS		46.4	12				
35	IDO1602S	HWS		44.7	13				
22	IDO1701S	HRS		44.6	14				
7	WB 9668	HRS	D	44.3	15	48.3	3	54.6	1
15	Alum	HRS	MD	42.7	16	48.7	2		
10	Vida	HRS		40.8	17				
23	12SB0197	HRS		40.4	18	46.1	4		
18	YS-802	HRS		40.4	19	39.9	9	44.2	2
3	LCS Luna	HRS	MD	39.7	20				
31	UI Platinum	HWS	MD	38.6	21	40.7	8	42.8	3
20	UC1838	HRS		37.7	22				
13	SY Gunsight	HRS		37.5	23				
25	XB9591	HRS		36.5	24				
2	LCS Iron	HRS	D	36.2	25	41.9	6		
6	WB 9350	HRS		36.0	26				
26	XB9290	HRS		35.3	27				
36	12SB0224	HWS		35.3	28	40.8	7		
4	WB 9717	HRS		35.1	29				
27	XB9610	HRS		34.0	30				
5	WB 9662	HRS		33.2	31				
34	IDO1202S	HWS		31.4	32	33.8	12	36.3	6
9	WB 9879 CLP	HRS	A	30.5	33	30.9	13		
19	UC1817	HRS		30.5	34				
8	WB 9518	HRS	D	30.2	35	35.5	10	41.1	4
12	SY Coho	HRS		29.0	36	34.3	11	38.1	5
	Site Average			41.1		41.7		42.9	
	LSD (0.05)			5.2					
	CV (%)			9.0					

[†]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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Height data could not be collected due to Hessian fly damage.

Entry	Variety	Class		Test Weight lbs/bu	Protein %
32	WB 7202 CLP	HWS		64.6	9.5
30	WA 8282	HRS		63.8	10.1
14	SY Selway	HRS		61.2	10.6
28	SY3017-9	HRS		62.9	10.6
24	16-HRS-5172	HRS		59.1	9.6
1	LCS Buck Pronto	HRS		62.8	11.9
17	Kelse	HRS		63.3	11.4
16	Glee	HRS		63.8	10.4
29	WA 8280 CL+	HRS		63.9	10.3
11	Lanning	HRS		63.2	10.7
33	IDO1203S-A	HWS		63.9	9.6
21	IDO1603S	HRS		63.1	11.1
35	IDO1602S	HWS		63.7	10.2
22	IDO1701S	HRS		63.9	11.0
7	WB 9668	HRS		64.9	11.5
15	Alum	HRS		63.3	10.0
10	Vida	HRS		61.8	10.0
23	12SB0197	HRS		58.7	9.9
18	YS-802	HRS		63.9	10.5
3	LCS Luna	HRS		62.0	11.1
31	UI Platinum	HWS		63.2	11.0
20	UC1838	HRS		61.7	11.1
13	SY Gunsight	HRS		62.1	9.8
25	XB9591	HRS		62.4	10.5
2	LCS Iron	HRS		61.1	10.5
6	WB 9350	HRS		61.5	11.2
26	XB9290	HRS		63.6	11.0
36	12SB0224	HWS		59.5	10.4
4	WB 9717	HRS		63.5	10.2
27	XB9610	HRS		62.3	10.9
5	WB 9662	HRS		62.4	12.2
34	IDO1202S	HWS		61.4	10.9
9	WB 9879 CLP	HRS		61.5	11.5
19	UC1817	HRS		62.7	12.2
8	WB 9518	HRS		62.2	12.0
12	SY Coho	HRS		59.3	11.7
	Site Average			62.4	10.7
	LSD (0.05)			0.8	1.0
	CV (%)			0.9	6.3

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