



2017 OREGON HARD SPRING ELITE YIELD TRIALS MADRAS (Irrigated)



Site Quality Index[†] = 2
1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality index score at this site.

5 Year Average Yield = 109.4 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2017 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
35	XA 7320 CL+ (Exp)	HWS		95.5	1				
33	IDO 1203S-A	HWS		92.5	2	107.7	1		
32	IDO 1202S	HWS		88.8	3	104.8	2	103.3	5
9	06 PN3015-08	HRS		88.2	4	92.1	12		
24	LCS STAR	HWS	A	84.2	5	101.3	3	113.0	1
26	12SB 0199	HRS		83.8	6	99.6	5		
3	GLEE	HRS	MD	83.3	7				
10	06 PN3017-09	HRS		81.7	8				
22	LCS IRON	HRS	D	81.5	9	94.3	7	102.9	6
14	WB 9350	HRS		81.3	10				
25	12SB 0197	HRS		81.3	11	88.0	14		
30	UI PLATINUM	HWS	MD	81.1	12	99.9	4	106.6	3
18	XA 9301 (Exp)	HRS		81.0	13				
19	XA 9660 (Exp)	HRS		80.4	14				
27	12SB 0224	HRS		80.4	15	92.8	8		
23	LCS LUNA	HRS	MD	77.0	16				
13	WB 9411	HRS		76.7	17				
12	WB 9229	HRS		75.2	18	86.3	16	98.7	8
6	SY SELWAY (04PN3001-2)	HRS		75.0	19	92.6	9	99.1	7
20	XA 9860 (Exp)	HRS		74.9	20				
5	SY COHO (04W40292R)	HRS		74.6	21	90.7	13	96.1	9
2	ALUM	HRS	MD	74.2	22	92.3	10		
17	WB 9668	HRS		73.3	23	94.4	6	103.8	4
31	IDO 1602S	HWS		73.3	24				
29	IDO 1603S	HRS		71.3	25				
21	XA 9861 (Exp)	HRS		69.7	26				
7	SY BASALT (04W40240R)	HRS		69.7	27	75.0	19		
28	JEFFERSON*	HRS	D	68.7	28				
34	WB 7417	HWS		68.1	29	86.3	15		
4	SY STEELHEAD	HRS	MD	67.9	30	78.5	18	85.4	10
11	WB 9200	HRS		66.3	31	92.1	11		
1	KELSE	HRS	D	65.8	32				
15	WB 9518	HRS		65.7	33	84.7	17	110.3	2
16	WB 9662	HRS		60.7	34				
8	AP 605 CL	HRS	MD	60.6	35				
	Site Average			76.2		92.5		102.1	
	LSD (0.05)			11.0		9.3		8.5	
	CV (%)			9.6		9.2		9.5	

[†] 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.

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

5 Year Average Test Weight = 61.2 lbs/bu 5 Year Average Grain Protein = 12.1%

Entry	Variety	Class	Test Weight	Plant Height	Protein
			lbs/bu	inches	%
35	XA 7320 CL+ (Exp)	HWS	64.2	29.0	11.5
33	IDO 1203S-A	HWS	64.5	31.5	12.4
32	IDO 1202S	HWS	63.8	34.8	12.1
9	06 PN3015-08	HRS	63.3	31.3	11.4
24	LCS STAR	HRS	63.0	30.0	11.0
26	12SB 0199	HRS	61.1	30.5	10.9
3	GLEE	HRS	64.1	34.0	11.7
10	06 PN3017-09	HRS	62.5	33.8	11.8
22	LCS IRON	HRS	62.2	31.5	10.9
14	WB 9350	HRS	62.4	24.3	11.8
25	12SB 0197	HRS	60.7	30.3	10.7
30	UI PLATINUM	HWS	64.2	30.5	12.2
18	XA 9301 (Exp)	HRS	62.6	29.8	11.4
19	XA 9660 (Exp)	HRS	64.1	29.0	12.1
27	12SB 0224	HRS	62.0	27.8	10.9
23	LCS LUNA	HRS	62.8	29.0	12.6
13	WB 9411	HRS	62.8	30.3	11.6
12	WB 9229	HRS	63.4	29.3	12.1
6	SY SELWAY (04PN3001-2)	HRS	62.6	35.0	11.8
20	XA 9860 (Exp)	HRS	63.5	32.0	11.6
5	SY COHO (04W40292R)	HRS	61.6	31.0	12.0
2	ALUM	HRS	64.6	33.8	12.1
17	WB 9668	HRS	64.2	29.8	13.3
31	IDO 1602S	HWS	64.2	32.8	12.7
29	IDO 1603S	HRS	63.1	29.8	13.2
21	XA 9861 (Exp)	HRS	64.5	32.0	11.9
7	SY BASALT (04W40240R)	HRS	61.7	26.5	11.2
28	JEFFERSON*	HRS	63.5	31.3	12.6
34	WB 7417	HWS	63.6	35.8	13.7
4	SY STEELHEAD	HRS	64.7	32.3	13.2
11	WB 9200	HRS	64.0	28.8	13.4
1	KELSE	HRS	63.5	36.5	13.3
15	WB 9518	HRS	62.8	30.0	13.6
16	WB 9662	HRS	62.6	28.5	13.1
8	AP 605 CL	HRS	64.4	36.8	13.0
	Site Average		63.2	31.1	12.1
	LSD (0.05)		0.7	2.0	0.9
	CV (%)		0.8	4.6	5.4

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