



2017 OREGON HARD WINTER ELITE YIELD TRIALS MORO-KASEBERG (No-till)



Site Quality Index[†] = 4.5

1 = Poor 3 = Average 5 = Excellent

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

5 Year Average Yield = 75.2 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
7	LWW14-73915	HRW		123.6	1				
6	LCS AYMERIC	HRW		117.3	2	107.6	1	100.1	1
19	WA 8268	HRW		117.3	3				
2	NORWEST 553*	HRW	D	114.4	4	98.3	3	89.6	6
24	OR 2130021R	HRW		113.7	5				
4	LCS JET	HRW	A	113.0	6	100.5	2	96.7	2
14	XA 4103	HRW		112.6	7				
15	XA 4104	HRW		112.1	8				
26	CO 12D2011	HWW		111.7	9				
17	SY TOUCHSTONE (04PN028B-3)	HRW		111.5	10	94.9	6		
30	OR 2130118H	HWW		111.3	11				
23	CO 12D1770	HRW		110.9	12				
13	WB 4623 CLP	HRW		108.7	13	93.0	8		
1	BOBTAIL*	SWW	MD	107.9	14	96.8	4	85.0	7
5	NSA 10-2196	HRW		107.6	15	95.0	5	92.9	3
20	WA 8269	HRW		107.0	16				
29	OR 2120276H	HWW		106.3	17	94.2	7	90.5	4
16	WHETSTONE	HRW	MD	105.2	18	91.6	10	84.4	8
12	KELDIN	HRW	A	105.2	19	92.5	9	90.3	5
25	IDO 1506	HWW		104.5	20				
27	OR 2110679	HWW		104.1	21	83.4	15	83.2	9
28	OR 2111025	HWW		102.8	22	88.7	11	80.7	10
3	LCS EVINA	HRW	D	102.2	23	86.5	13	78.5	12
10	REBELDE	HRW		101.6	24				
21	BRAWL CL+	HRW		96.8	25	84.3	14		
9	METROPOLIS	HRW		96.6	26				
11	WB ARROWHEAD	HRW	MD	93.7	27	86.9	12	79.2	11
8	MANDALA	HRW		92.3	28				
18	CLEARSTONE CL2	HRW		91.3	29	81.8	16	73.6	13
22	DENALI	HRW		82.4	30	76.6	17		
	Site Average			106.4		91.4		86.6	
	LSD (0.05)			9.7		9.0		8.2	
	CV (%)			6.2		9.3		11.2	

[†] 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: Environmental conditions had minimal impact at this site.

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

5 Year Average Test Weight = 60.9 lbs/bu 5 Year Average Grain Protein = 10.9%

Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein
				lbs/bu	inches	DOY	%
7	LWW14-73915	HRW		61.9	31.5	143.0	9.1
6	LCS AYMERIC	HRW		60.5	29.5	144.3	9.2
19	WA 8268	HRW		62.5	29.3	145.3	9.7
2	NORWEST 553*	HRW		63.4	29.0	144.7	10.6
24	OR 2130021R	HRW		63.5	29.3	145.3	9.7
4	LCS JET	HRW		63.0	31.3	144.3	9.5
14	XA 4103	HRW		65.5	33.0	142.3	10.1
15	XA 4104	HRW		64.7	30.8	143.5	10.1
26	CO 12D2011	HWW		66.0	33.8	143.3	9.6
17	SY TOUCHSTONE (04PN028B-3)	HRW		63.9	29.0	145.0	10.2
30	OR 2130118H	HWW		65.1	32.8	144.5	10.1
23	CO 12D1770	HRW		64.7	30.8	143.8	10.5
13	WB 4623 CLP	HRW		64.3	34.0	144.5	10.4
1	BOBTAIL*	SWW		59.3	32.3	147.8	9.8
5	NSA 10-2196	HRW		60.6	29.0	144.8	9.2
20	WA 8269	HRW		60.7	31.8	146.8	10.2
29	OR 2120276H	HWW		64.0	29.3	143.8	10.6
16	WHETSTONE	HRW		63.9	31.8	143.5	9.9
12	KELDIN	HRW		64.6	34.8	145.3	9.1
25	IDO 1506	HWW		62.8	22.0	145.0	10.2
27	OR 2110679	HWW		62.4	30.8	145.0	10.4
28	OR 2111025	HWW		64.0	32.0	146.3	10.2
3	LCS EVINA	HRW		62.5	36.0	148.0	10.5
10	REBELDE	HRW		64.4	30.8	144.0	11.0
21	BRAWL CL+	HRW		65.1	33.5	142.3	10.2
9	METROPOLIS	HRW		63.6	30.8	143.3	10.8
11	WB ARROWHEAD	HRW		63.8	35.8	146.5	10.7
8	MANDALA	HRW		64.8	35.5	148.0	10.1
18	CLEARSTONE CL2	HRW		63.3	36.0	146.7	10.1
22	DENALI	HRW		63.9	31.5	144.3	9.3
	Site Average			63.4	31.6	144.8	10.0
	LSD (0.05)			0.8	2.5	1.1	0.6
	CV (%)			0.9	5.6	0.5	4.5

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