



2016 OREGON HARD WINTER ELITE YIELD TRIALS MORO-KASEBERG (No-Till)



Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.
High plot to plot variability reduced site quality index score.

5 Year Average Yield = 77.1 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
8	LCS AYMERIC	HRW		88.1	1	88.6	1		
6	LCS JET	HRW		88.0	2	88.5	2	86.5	1
17	WA 8248	HRW		85.8	3				
3	LCS AZIMUT	HRW	U	85.5	4	85.3	4	83.6	2
25	IDO 1101	HWW		83.5	5	76.0	10	75.8	6
7	NSA 10-2196	HRW		82.3	6	85.6	3		
2	NORWEST 553*	HRW	D	82.3	7	79.0	8	77.5	5
4	LCS COLONIA	HRW	LD	82.1	8	83.0	5	82.4	3
22	OR 2120012R	HRW		80.2	9	75.7	11		
30	OR 2120311H	HWW		80.2	10				
11	WB ARROWHEAD	HRW	MD	80.2	11	73.0	14	71.4	7
12	KELDIN	HRW	LD	79.9	12	82.8	6	81.8	4
26	OR 2110664	HWW		79.8	13	76.3	9		
9	NSA 11-8010	HRW		79.0	14				
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		78.4	15				
29	OR 2120276H	HWW		78.1	16	81.5	7		
14	WHETSTONE	HRW	MD	78.0	17	73.9	13	71.2	8
18	WA 8249	HRW		76.7	18				
1	BOBTAIL*	SWW	MD	74.6	19	69.7	15	71.1	9
28	OR 2111025	HWW		74.5	20	69.7	16		
21	AVERY	HRW		74.1	21				
16	CLEARSTONE CL2	HRW		72.3	22	66.1	18		
20	DENALI	HRW		72.2	23				
13	WB 4623 CLP	HRW		72.0	24				
10	HE 181/3	HRW		71.8	25				
5	LCS EVINA	HRW		70.8	26	66.7	17	70.1	10
24	UI SILVER	HWW	MD	70.8	27	48.4	19	57.3	11
27	OR 2110679	HWW		67.8	28	75.4	12		
23	ANTERO	HWW		63.1	29				
19	BRAWL CL+	HRW		59.4	30				
	Site Average			77.3		76.3		75.6	
	LSD (0.05)			14.7		10.3		7.4	
	CV (%)			11.6		12.6		11.5	

[†] 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; U = Unacceptable



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5 Year Average Test Weight = 60.9 lbs/bu

5 Year Average Grain Protein = 9.9%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein	Fusarium Crown Rot	
							lbs/bu	inches
8	LCS AYMERIC	HRW	58.2	28.1	134.3	10.3		2.5
6	LCS JET	HRW	60.5	29.5	132.3	11.8		4.5
17	WA 8248	HRW	62.6	30.2	132.5	12.4		2.8
3	LCS AZIMUT	HRW	60.1	28.5	133.3	11.7		6.3
25	IDO 1101	HWW	61.2	29.0	136.3	11.5		8.0
7	NSA 10-2196	HRW	59.3	31.0	131.5	11.1		7.8
2	NORWEST 553*	HRW	61.8	30.5	137.8	12.0		2.5
4	LCS COLONIA	HRW	59.0	31.5	140.5	11.1		3.5
22	OR 2120012R	HRW	61.5	32.5	133.5	11.9		5.8
30	OR 2120311H	HWW	61.8	31.0	134.3	11.8		2.8
11	WB ARROWHEAD	HRW	61.4	35.4	135.7	12.0		4.3
12	KELDIN	HRW	62.6	33.5	138.0	11.8		2.8
26	OR 2110664	HWW	62.2	31.5	137.3	11.6		5.8
9	NSA 11-8010	HRW	59.0	30.0	132.8	10.8		2.3
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	61.5	29.5	138.3	11.6		2.5
29	OR 2120276H	HWW	62.5	32.0	131.3	11.8		5.0
14	WHETSTONE	HRW	61.9	32.5	135.8	11.7		5.0
18	WA 8249	HRW	60.8	32.5	131.5	12.7		8.0
1	BOBTAIL*	SWW	60.1	32.5	139.0	11.5		2.8
28	OR 2111025	HWW	62.3	33.5	137.5	11.8		4.5
21	AVERY	HRW	61.3	31.0	131.0	11.1		8.3
16	CLEARSTONE CL2	HRW	61.5	35.4	138.5	12.7		8.8
20	DENALI	HRW	62.0	31.5	132.8	11.3		6.8
13	WB 4623 CLP	HRW	61.2	32.5	137.0	12.2		8.0
10	HE 181/3	HRW	58.7	40.4	142.0	11.3		4.0
5	LCS EVINA	HRW	59.7	37.4	142.5	11.9		2.0
24	UI SILVER	HWW	62.7	36.4	140.0	11.5		20.0
27	OR 2110679	HWW	59.3	32.5	136.0	12.1		3.3
23	ANTERO	HWW	61.2	30.5	130.0	11.5		2.3
19	BRAWL CL+	HRW	62.2	32.0	129.5	13.0		5.5
	Site Average		61.0	32.1	135.4	11.7		5.3
	LSD (0.05)		2.3	1.8	1.9	0.9		4.0
	CV (%)		2.5	3.9	1.0	5.0		53.6

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