



2015 OREGON SOFT WINTER ELITE YIELD TRIALS NORTH WILLAMETTE VALLEY



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Drought conditions and high nitrogen fertility increased plot to plot variability at this site.
In addition, grain yields were significantly reduced and grain protein was significantly increased at this site.
Site received 14 oz/ac of Quilt Xcel on 4/16 to control foliar diseases.

5 Year Average Yield = 131.5 bu/ac

Entry	Variety	Class	2015 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield	Rank	Yield	Rank	Yield	Rank
			bu/ac		bu/ac		bu/ac	
47	LOR 913	SWW	151.0	1				
46	LOR 978	SWW	150.2	2				
9	BOBTAIL	SWW	144.8	3	157.6	3	163.2	1
6	KASEBERG	SWW	140.5	4	150.9	4	153.5	4
19	LWW 12-7105	SWW	133.3	5	158.8	2		
45	OR2110526	SWW	132.7	6				
17	LCS BIANCOR	SWW	130.2	7	161.1	1		
48	LOR 833	SWW	125.8	8				
37	ORCF-102	SWW	123.9	9	139.8	12	137.9	11
42	OR2100940	SWW	123.5	10	140.9	9		
24	WB TRIFECTA	SWW	123.4	11	143.9	7	141.8	8
41	OR2090473	SWW	121.3	12	140.9	10	148.6	6
30	SY 96-2 (Exp)	SWW	119.9	13				
7	LADD	SWW	119.2	14	139.6	13	138.9	10
36	ORCF-101	SWW	118.8	15	134.2	16	133.9	16
10	IDN 02-29001A	SWW	117.7	16				
50	LOR 092	SWW	114.3	17				
44	OR2101043	SWW	114.3	18				
5	MARY	SWW	113.6	19	131.5	19	135.3	13
40	OR2080641	SWW	113.6	20	131.5	18	136.0	12
27	LEGION	SWW	113.3	21	130.5	20	132.3	18
39	WB 1376 CLP (EXP 1030CL+)	SWW	113.3	22				
20	LWW 11-431	SWW	113.2	23				
23	YS 9568-A	SWW	113.1	24				
34	DAS 003	SWW	112.7	25				
26	WB 1604	SWW	111.7	26	132.1	17		
16	LCS ARTDECO	SWW	109.8	27	148.2	5	155.6	2
3	GOETZE	SWW	109.7	28	126.4	23	133.2	17
29	SY OVATION	SWW	108.6	29	146.4	6	152.5	5
31	SY 71-4 (Exp)	SWW	108.4	30				
12	UI/WSU HUFFMAN	SWW	108.3	31	137.8	14	134.9	14
49	LOR 334	SWW	106.9	32				
28	SY 107	SWW	106.5	33				
14	IDN 06-033038	SWW	106.2	34				
8	ROSALYN	SWW	106.0	35	140.1	11	154.6	3
2	TUBBS 06*	SWW	106.0	36	129.8	21	134.1	15
33	JASPER (WA 8169)	SWW	104.9	37				
11	IDN 01-10704A	SWW	103.5	38				
35	DAS 004	SWW	101.3	39				
38	WB EXP 1028CL+	SWW	101.3	40				
18	LWW 10-1073	SWW	100.9	41	128.7	22		
25	WB 1529	SWW	100.6	42	134.9	15	141.6	9
4	SKILES	SWW	100.4	43	141.4	8	142.7	7
32	PUMA	SWW	97.7	44				
13	IDN 06-18102A	SWW	97.6	45				
1	STEPHENS*	SWW	97.2	46	113.5	27	119.9	20
22	YS 261	SWW	95.9	47	125.7	24		
21	YS 221	SWW	94.5	48	121.9	25	118.1	21
43	OR2080637	SWW	94.5	49				
15	IDO 1108	SWW	92.5	50	118.1	26	128.9	19
	Site Average		112.6		136.8		139.5	
	LSD (0.05)		21.3		12.4		8.5	
	CV (%)		11.3		8.5		7.1	

[†] 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 unpubishable
- 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.



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In addition, grain yields were significantly reduced and grain protein was significantly increased at this site.
Site received 14 oz/ac of Quilt Xcel on 4/16 to control foliar diseases.

5 Year Average Test Weight = 59.8 lbs/bu 5 Year Average Grain Protein = 9.3%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
47	LOR 913	SWW	58.7	44.8	11.2
46	LOR 978	SWW	59.0	42.8	12.7
9	BOBTAIL	SWW	58.2	45.3	10.8
6	KASEBERG	SWW	59.9	44.8	9.6
19	LWW 12-7105	SWW	59.5	37.9	10.8
45	OR2110526	SWW	59.7	41.8	11.3
17	LCS BIANCOR	SWW	59.3	40.8	10.7
48	LOR 833	SWW	57.9	39.4	11.3
37	ORCF-102	SWW	60.1	50.2	11.3
42	OR2100940	SWW	58.3	44.8	10.0
24	WB TRIFECTA	SWW	60.9	45.3	11.0
41	OR2090473	SWW	58.3	44.8	10.2
30	SY 96-2 (Exp)	SWW	59.9	43.3	11.8
7	LADD	SWW	59.6	42.8	11.5
36	ORCF-101	SWW	59.6	46.3	11.5
10	IDN 02-29001A	SWW	60.8	45.8	10.9
50	LOR 092	SWW	60.2	48.7	9.7
44	OR2101043	SWW	59.9	48.2	10.5
5	MARY	SWW	60.2	41.8	11.3
40	OR2080641	SWW	60.4	44.8	10.0
27	LEGION	SWW	57.8	46.3	11.2
39	WB 1376 CLP (EXP 1030CL+)	SWW	60.8	47.2	12.6
20	LWW 11-431	SWW	60.0	49.2	10.4
23	YS 9568-A	SWW	59.9	45.8	12.1
34	DAS 003	SWW	59.5	46.3	10.9
26	WB 1604	SWW	59.6	45.8	11.7
16	LCS ARTDECO	SWW	57.3	39.4	10.3
3	GOETZE	SWW	57.6	43.3	11.1
29	SY OVATION	SWW	59.3	47.2	12.6
31	SY 71-4 (Exp)	SWW	58.5	41.3	11.2
12	UI/WSU HUFFMAN	SWW	57.9	44.8	11.9
49	LOR 334	SWW	60.1	38.9	10.3
28	SY 107	SWW	60.5	44.3	10.6
14	IDN 06-033038	SWW	58.0	42.3	12.2
8	ROSALYN	SWW	59.9	46.3	9.9
2	TUBBS 06*	SWW	58.9	49.7	10.5
33	JASPER (WA 8169)	SWW	60.7	46.8	10.6
11	IDN 01-10704A	SWW	58.1	47.7	11.2
35	DAS 004	SWW	56.9	46.8	12.0
38	WB EXP 1028CL+	SWW	59.0	43.8	13.3
18	LWW 10-1073	SWW	60.7	47.7	11.2
25	WB 1529	SWW	60.6	45.8	10.9
4	SKILES	SWW	58.4	40.8	11.5
32	PUMA	SWW	59.3	49.7	10.8
13	IDN 06-18102A	SWW	57.4	45.3	12.1
1	STEPHENS*	SWW	58.4	44.3	11.2
22	YS 261	SWW	58.2	42.8	11.6
21	YS 221	SWW	60.2	44.3	11.0
43	OR2080637	SWW	59.3	43.8	11.2
15	IDO 1108	SWW	59.0	49.7	11.0
	Site Average		59.2	44.8	11.1
	LSD (0.05)		1.4	2.4	1.2
	CV (%)		1.6	3.8	7.2

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