



2015 OREGON SOFT WINTER ELITE YIELD TRIALS MILTON-FREEWATER (No-Till)



Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Timely rains resulted in average to above average grain yields at this site.
High nitrogen fertility increased grain protein content and plot to plot variability at this site.
Tough planting conditions and high plot to plot variability lowered site quality index score.

3 Year Average Yield = 108.2 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	
24	WB TRIFECTA	SWW	159.7	1	118.7	1	114.8	6
33	JASPER (WA 8169)	SWW	159.6	2				
42	OR2100940	SWW	159.3	3	114.6	3		
10	IDN 02-29001A	SWW	155.5	4	108.8	10		
50	LOR 092	SWW	155.3	5				
44	OR2101043	SWW	154.4	6				
32	PUMA	SWW	152.8	7				
6	KASEBERG	SWW	152.7	8	107.2	12	113.9	10
11	IDN 01-10704A	SWW	150.3	9	109.3	8		
23	YS 9568-A	SWW	149.7	10				
49	LOR 334	SWW	149.3	11				
30	SY 96-2 (Exp)	SWW	149.3	12				
16	LCS ARTDECO	SWW	147.7	13	111.5	6	123.8	2
29	SY OVATION	SWW	147.1	14	115.8	2	124.8	1
48	LOR 833	SWW	146.9	15				
37	ORCF-102	SWW	146.7	16	104.9	17	110.6	13
47	LOR 913	SWW	145.7	17				
17	LCS BIANCOR	SWW	145.0	18	114.2	4		
46	LOR 978	SWW	144.3	19				
2	TUBBS 06*	SWW	144.0	20	98.2	23	103.3	17
19	LWW 12-7105	SWW	143.3	21	110.8	7		
9	BOBTAIL	SWW	142.9	22	108.9	9	117.5	4
15	IDO 1108	SWW	142.9	23	106.4	14	111.5	11
28	SY 107	SWW	142.5	24				
3	GOETZE	SWW	142.3	25	107.8	11	113.9	9
4	SKILES	SWW	141.2	26	106.5	13	115.4	5
25	WB 1529	SWW	141.0	27	112.7	5	122.7	3
41	OR2090473	SWW	139.7	28	105.2	16	114.0	8
40	OR2080641	SWW	139.0	29	103.2	18	108.7	14
14	IDN 06-033038	SWW	138.4	30				
8	ROSALYN	SWW	136.9	31	101.3	20	114.7	7
7	LADD	SWW	135.1	32	101.8	19	111.3	12
5	MARY	SWW	134.2	33	95.9	24	107.1	15
39	WB 1376 CLP (EXP 1030CL+)	SWW	133.9	34				
31	SY 71-4 (Exp)	SWW	132.4	35				
45	OR2110526	SWW	130.5	36				
13	IDN 06-18102A	SWW	130.4	37				
27	LEGION	SWW	130.2	38	105.5	15	105.2	16
26	WB 1604	SWW	128.9	39	99.5	21		
21	YS 221	SWW	125.3	40	91.2	26	99.1	19
34	DAS 003	SWW	124.6	41				
18	LWW 10-1073	SWW	124.5	42	93.8	25		
22	YS 261	SWW	124.4	43	83.7	29		
12	UI/WSU HUFFMAN	SWW	123.5	44	98.9	22	100.4	18
43	OR2080637	SWW	123.5	45				
20	LWW 11-431	SWW	122.4	46				
1	STEPHENS*	SWW	117.5	47	85.8	28	98.7	20
36	ORCF-101	SWW	114.1	48	89.4	27	96.3	21
38	WB EXP 1028CL+	SWW	112.0	49				
35	DAS 004	SWW	109.3	50				
	Site Average		138.8		104.1		110.9	
	LSD (0.05)		21.8		10.4		8.5	
	CV (%)		10.0		9.7		9.1	

[†] 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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Site Description: Timely rains resulted in average to above average grain yields at this site.
High nitrogen fertility increased grain protein content and plot to plot variability at this site.
Tough planting conditions and high plot to plot variability lowered site quality index score.

3 Year Average Test Weight = 58.3 lbs/bu 3 Year Average Grain Protein = 12.2%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
24	WB TRIFECTA	SWW	60.3	39.4	138.4	12.7
33	JASPER (WA 8169)	SWW	56.1	41.8	141.6	13.4
42	OR2100940	SWW	55.6	40.7	139.0	12.6
10	IDN 02-29001A	SWW	58.1	41.3	139.8	14.1
50	LOR 092	SWW	58.9	43.3	141.0	12.8
44	OR2101043	SWW	57.9	42.0	140.1	13.0
32	PUMA	SWW	58.5	44.6	140.1	13.0
6	KASEBERG	SWW	58.7	39.4	135.1	12.2
11	IDN 01-10704A	SWW	56.8	43.3	141.3	13.0
23	YS 9568-A	SWW	59.9	40.0	138.9	13.3
49	LOR 334	SWW	59.7	36.1	132.6	12.2
30	SY 96-2 (Exp)	SWW	59.7	38.4	131.1	12.9
16	LCS ARTDECO	SWW	59.5	36.7	129.6	10.9
29	SY OVATION	SWW	58.5	43.3	140.6	12.7
48	LOR 833	SWW	57.4	35.4	131.9	13.0
37	ORCF-102	SWW	59.0	44.0	141.4	13.1
47	LOR 913	SWW	60.0	35.4	136.0	12.7
17	LCS BIANCOR	SWW	57.6	34.8	138.1	12.0
46	LOR 978	SWW	60.5	38.4	133.0	13.0
2	TUBBS 06*	SWW	57.6	43.3	139.9	12.9
19	LWW 12-7105	SWW	58.2	35.9	130.0	12.1
9	BOBTAIL	SWW	54.3	42.3	140.1	13.1
15	IDO 1108	SWW	56.6	42.3	144.8	12.7
28	SY 107	SWW	57.2	40.0	141.1	13.0
3	GOETZE	SWW	57.7	38.4	132.9	12.9
4	SKILES	SWW	59.2	39.4	139.1	13.5
25	WB 1529	SWW	61.6	38.7	137.6	12.2
41	OR2090473	SWW	55.3	39.4	137.9	12.6
40	OR2080641	SWW	57.8	41.3	140.3	12.9
14	IDN 06-033038	SWW	55.0	38.4	139.8	14.0
8	ROSALYN	SWW	57.0	39.4	140.1	12.2
7	LADD	SWW	57.8	39.9	140.6	13.7
5	MARY	SWW	58.7	38.7	136.9	13.4
39	WB 1376 CLP (EXP 1030CL+)	SWW	61.0	40.4	137.9	14.2
31	SY 71-4 (Exp)	SWW	57.3	38.9	141.1	13.6
45	OR2110526	SWW	60.2	38.1	131.0	12.3
13	IDN 06-18102A	SWW	56.9	43.3	139.0	13.2
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1	STEPHENS*	SWW	57.5	40.0	136.3	13.2
36	ORCF-101	SWW	57.5	41.8	140.6	14.1
38	WB EXP 1028CL+	SWW	58.8	37.4	137.9	14.9
35	DAS 004	SWW	54.4	42.7	144.0	14.1
	Site Average		57.9	40.3	138.6	13.1
	LSD (0.05)		1.9	3.2	2.0	0.5
	CV (%)		2.3	5.1	1.0	2.9

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