



## 2016 OREGON SOFT WINTER ELITE YIELD TRIALS MILTON-FREEWATER (No-Till)



Site Quality Index<sup>†</sup> = 2.5  
1 = Poor 3 = Average 5 = Excellent

Site Description: Site quality index reduced due to lower than average grain yields and test weights as well as excessive grain proteins likely due to drought/heat stress and high N fertility.

5 Year Average Yield = 115.9 bu/ac

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2016 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
17	LWW 14-71195	SWW		106.5	1				
26	SY 09 PN077-23 (EXP)	SWW		106.1	2				
12	LCS ARTDECO	SWW	A	105.0	3	123.3	2	109.1	2
35	OR 2110526	SWW		102.8	4	114.7	15		
14	LCS DRIVE	SWW		102.0	5	119.7	5	107.6	3
24	SY ASSURE (SY 04 PN096-2)	SWW		100.5	6	121.4	4		
31	WA 8206	SWW		99.7	7				
13	LCS BIANCOR	SWW		99.1	8	122.1	3	109.2	1
40	NORWEST DUET (LOR 092)	SWW		98.2	9	126.7	1		
9	IDN 07-28017B	SWW		97.4	10				
16	LWW 14-71032	SWW		96.3	11				
36	OR 2121086	SWW		94.3	12				
18	WB 1529	SWW		92.6	13	116.8	9	106.0	4
20	EXP BZ6W09-471	SWW		91.6	14				
6	BOBTAIL	SWW	MD	91.5	15	117.2	7	103.1	6
27	SY 09 PN062#18 (EXP)	SWW		89.2	16				
22	SY 107	SWW	LD	89.1	17	115.8	13		
15	LWW 14-73163	SWW		89.0	18				
8	IDN 02-29001A	SWW		88.4	19	117.2	8	101.4	7
4	KASEBERG	SWW	MD	88.3	20	115.9	12	100.3	8
25	SY 04 PN066-7 (EXP)	SWW		87.9	21				
34	OR 2101043	SWW		87.6	22	116.2	11		
28	SY 09 PN005#25 (EXP)	SWW		87.5	23				
7	UI/WSU HUFFMAN	SWW	MD	87.4	24	105.4	20	95.1	11
29	JASPER	SWW	MD	87.3	25	118.3	6		
10	IDN 06-18102A	SWW		86.7	26	108.5	17		
5	ROSALYN	SWW	A	86.3	27	108.0	19	95.8	10
23	SY OVATION	SWW	D	85.5	28	116.3	10	105.7	5
37	OR 2121252	SWW		85.3	29				
30	WA 8232	SWW		83.7	30				
11	IDO 1108	SWW		83.7	31	113.3	16	98.8	9
21	EXP BZ6W09-489	SWW		83.5	32				
19	WB 1604	SWW		82.9	33	102.6	21	93.5	12
38	LOR 833	SWW		82.7	34	114.8	14		
33	20060126-35C	Club		81.6	35				
2	TUBBS-06*	SWW	LD	81.5	36	108.3	18	92.1	13
1	STEPHENS*	SWW	D	78.4	37	95.1	23	83.1	15
32	ARS 06134-57C	Club		76.5	38				
3	MARY	SWW	D	75.4	39	100.6	22	88.5	14
	Site Average			90.2		113.9		99.4	
	LSD (0.05)			6.5		9.1		7.0	
	CV (%)			5.2		7.8		8.5	

<sup>†</sup> 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.

<sup>‡</sup> 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.

<sup>‡</sup> 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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Site Description: Site quality index reduced due to lower than average grain yields and test weights as well as excessive grain proteins likely due to drought/heat stress and high N fertility.

5 Year Average Test Weight = 58.2 lbs/bu      5 Year Average Grain Protein = 12.4%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
17	LWW 14-71195	SWW	57.9	34.0	124.5	13.0
26	SY 09 PN077-23 (EXP)	SWW	57.4	34.3	129.3	14.2
12	LCS ARTDECO	SWW	55.8	34.0	122.5	12.8
35	OR 2110526	SWW	58.2	35.5	124.5	13.4
14	LCS DRIVE	SWW	55.4	29.8	124.3	12.7
24	SY ASSURE (SY 04 PN096-2)	SWW	57.1	32.8	129.0	14.1
31	WA 8206	SWW	60.4	37.0	134.8	14.7
13	LCS BIANCOR	SWW	53.8	30.0	129.5	12.9
40	NORWEST DUET (LOR 092)	SWW	57.3	38.8	131.0	14.3
9	IDN 07-28017B	SWW	58.6	34.0	128.3	13.5
16	LWW 14-71032	SWW	58.5	41.0	135.0	14.3
36	OR 2121086	SWW	56.1	36.5	130.8	14.5
18	WB 1529	SWW	58.8	33.5	134.5	14.0
20	EXP BZ6W09-471	SWW	61.2	37.8	135.0	15.0
6	BOBTAIL	SWW	55.6	35.8	133.8	14.4
27	SY 09 PN062#18 (EXP)	SWW	57.9	33.5	136.3	14.0
22	SY 107	SWW	55.8	36.8	136.3	14.5
15	LWW 14-73163	SWW	58.9	35.0	134.5	15.4
8	IDN 02-29001A	SWW	57.7	37.5	134.0	15.9
4	KASEBERG	SWW	54.4	33.0	129.3	14.0
25	SY 04 PN066-7 (EXP)	SWW	55.7	35.3	135.8	14.3
34	OR 2101043	SWW	56.8	37.8	135.0	15.1
28	SY 09 PN005#25 (EXP)	SWW	55.4	37.0	135.0	15.0
7	UI/WSU HUFFMAN	SWW	57.6	38.8	136.0	14.5
29	JASPER	SWW	55.3	39.0	135.8	15.1
10	IDN 06-18102A	SWW	55.3	34.5	135.3	15.0
5	ROSALYN	SWW	54.7	36.3	134.5	14.2
23	SY OVATION	SWW	57.9	33.8	135.3	14.3
37	OR 2121252	SWW	54.9	34.3	133.5	14.7
30	WA 8232	SWW	57.9	37.0	135.8	14.9
11	IDO 1108	SWW	55.7	41.5	140.5	14.5
21	EXP BZ6W09-489	SWW	56.1	32.0	133.3	15.9
19	WB 1604	SWW	54.9	34.8	130.8	15.3
38	LOR 833	SWW	53.7	32.5	130.8	15.1
33	20060126-35C	Club	58.1	38.8	136.3	15.1
2	TUBBS-06*	SWW	56.3	39.8	132.5	15.5
1	STEPHENS*	SWW	54.3	35.5	131.8	15.9
32	ARS 06134-57C	Club	54.6	31.5	136.3	14.7
3	MARY	SWW	55.7	32.3	133.0	15.8
	Site Average		56.6	35.4	132.7	14.5
	LSD (0.05)		1.1	2.0	1.3	0.4
	CV (%)		1.4	4.1	0.7	2.1

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