



## 2016 OREGON SOFT WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



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

Site Description: No fungicides were applied to this site.  
Septoria was the main yield limiting disease at this site, stripe rust pressure was very low.

Long term data not available for this site.

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		131.2	1				
21	EXP BZ6W09-489	SWW		120.5	2				
14	LCS DRIVE	SWW		114.9	3				
13	LCS BIANCOR	SWW		114.4	4				
12	LCS ARTDECO	SWW	A	113.7	5				
24	SY ASSURE (SY 04 PN096-2)	SWW		112.9	6				
37	OR 2121252	SWW		112.5	7				
35	OR 2110526	SWW		112.4	8				
36	OR 2121086	SWW		112.4	9				
25	SY 04 PN066-7 (EXP)	SWW		109.7	10				
4	KASEBERG	SWW	MD	108.3	11				
16	LWW 14-71032	SWW		108.3	12				
34	OR 2101043	SWW		107.4	13				
40	NORWEST DUET (LOR 092)	SWW		106.9	14				
6	BOBTAIL	SWW	MD	106.1	15				
7	UI/WVSU HUFFMAN	SWW	MD	105.9	16				
31	WA 8206	SWW		105.5	17				
5	ROSALYN	SWW	A	104.8	18				
18	WB 1529	SWW		103.3	19				
26	SY 09 PN077-23 (EXP)	SWW		102.9	20				
11	IDO 1108	SWW		101.2	21				
32	ARS 06134-57C	Club		100.9	22				
30	WA 8232	SWW		99.6	23				
10	IDN 06-18102A	SWW		99.3	24				
15	LWW 14-73163	SWW		98.9	25				
28	SY 09 PN005#25 (EXP)	SWW		98.3	26				
23	SY OVATION	SWW	D	98.2	27				
8	IDN 02-29001A	SWW		96.4	28				
29	JASPER	SWW	MD	95.2	29				
38	LOR 833	SWW		95.2	30				
9	IDN 07-28017B	SWW		94.0	31				
33	20060126-35C	Club		91.7	32				
22	SY 107	SWW	LD	91.5	33				
27	SY 09 PN062#18 (EXP)	SWW		87.8	34				
20	EXP BZ6W09-471	SWW		85.4	35				
2	TUBBS-06*	SWW	LD	85.0	36				
19	WB 1604	SWW		82.3	37				
1	STEPHENS*	SWW	D	78.0	38				
3	MARY	SWW	D	72.8	39				
	Site Average			101.6					
	LSD (0.05)			13.7					
	CV (%)			9.6					

<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: No fungicides were applied to this site.  
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Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein	Septoria
			lbs/bu	inches	DOY	%	5/17/2016 % Severity
17	LWW 14-71195	SWW	57.3	41.3	123.0	9.7	15.0
21	EXP BZ6W09-489	SWW	58.4	41.3	132.0	10.9	22.5
14	LCS DRIVE	SWW	54.8	34.5	123.0	10.1	17.5
13	LCS BIANCOR	SWW	55.1	37.5	125.5	9.9	12.5
12	LCS ARTDECO	SWW	54.2	38.3	118.0	9.7	32.5
24	SY ASSURE (SY 04 PN096-2)	SWW	56.9	42.0	130.0	10.8	28.8
37	OR 2121252	SWW	56.8	42.8	133.5	10.1	15.0
35	OR 2110526	SWW	57.7	41.3	123.0	10.7	27.5
36	OR 2121086	SWW	57.1	45.0	124.5	10.1	42.5
25	SY 04 PN066-7 (EXP)	SWW	55.6	42.0	136.5	9.9	27.5
4	KASEBERG	SWW	54.3	41.3	130.0	10.7	18.8
16	LWW 14-71032	SWW	59.3	48.8	134.0	9.4	33.8
34	OR 2101043	SWW	55.8	45.0	137.0	11.4	27.5
40	NORWEST DUET (LOR 092)	SWW	57.7	48.0	128.8	10.1	31.3
6	BOBTAIL	SWW	54.3	42.0	137.5	10.7	33.8
7	UI/WSU HUFFMAN	SWW	58.1	45.0	136.0	9.0	45.0
31	WA 8206	SWW	59.2	44.3	136.0	10.3	27.5
5	ROSALYN	SWW	55.7	43.5	137.5	9.5	33.8
18	WB 1529	SWW	58.5	42.8	137.0	10.2	18.8
26	SY 09 PN077-23 (EXP)	SWW	57.0	44.3	128.8	10.4	33.8
11	IDO 1108	SWW	56.3	48.0	144.0	9.7	30.0
32	ARS 06134-57C	Club	55.8	42.8	138.0	11.0	20.0
30	WA 8232	SWW	59.3	43.5	138.0	9.3	30.0
10	IDN 06-18102A	SWW	55.6	45.0	135.0	9.6	40.0
15	LWW 14-73163	SWW	58.7	41.3	135.5	10.3	48.8
28	SY 09 PN005#25 (EXP)	SWW	56.1	43.5	136.5	9.5	31.3
23	SY OVATION	SWW	57.5	42.8	135.5	9.9	46.3
8	IDN 02-29001A	SWW	57.3	43.5	134.0	11.4	47.5
29	JASPER	SWW	56.0	45.0	136.0	9.7	45.0
38	LOR 833	SWW	54.6	39.0	131.0	11.9	33.8
9	IDN 07-28017B	SWW	56.1	41.3	125.0	10.6	51.3
33	20060126-35C	Club	59.0	49.5	138.0	12.0	13.8
22	SY 107	SWW	54.9	42.0	136.5	10.4	38.8
27	SY 09 PN062#18 (EXP)	SWW	56.0	39.8	137.0	10.0	42.5
20	EXP BZ6W09-471	SWW	59.6	45.0	136.5	9.8	45.0
2	TUBBS-06*	SWW	54.5	47.3	136.5	11.7	33.8
19	WB 1604	SWW	55.3	44.3	130.5	11.3	50.0
1	STEPHENS*	SWW	52.9	41.3	136.0	10.9	55.0
3	MARY	SWW	55.1	39.8	134.0	12.1	45.0
	Site Average		56.6	42.9	132.9	10.3	33.1
	LSD (0.05)		1.5	1.9	2.0	1.4	8.9
	CV (%)		1.8	3.2	1.1	9.2	19.1

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