



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



Site Quality Index<sup>†</sup> = 3.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Site received 12 oz/ac of Quilt Xcel on 4/26 to control foliar diseases.

5 Year Average Yield = 141.5 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
5	ROSALYN	SWW	A	151.6	1	132.0	4	144.3	5
29	JASPER	SWW	MD	147.8	2	126.3	13		
4	KASEBERG	SWW	MD	144.0	3	142.2	1	148.6	3
34	OR 2101043	SWW		143.1	4	128.7	8		
11	UI SPARROW (IDO 1108)	SWW		142.4	5	117.4	20	126.2	13
2	TUBBS-06*	SWW	LD	140.6	6	123.3	15	133.4	11
32	ARS 06134-57C	Club		140.1	7				
25	SY 04 PN066-7 (EXP)	SWW		139.7	8				
23	SY OVATION	SWW	D	138.5	9	128.5	9	143.2	6
6	BOBTAIL	SWW	MD	137.6	10	140.0	2	149.6	2
17	LWW 14-71195	SWW		137.4	11				
37	OR 2121252	SWW		136.2	12				
13	LCS BIANCOR	SWW		136.0	13	133.5	3	152.0	1
40	NORWEST DUET (LOR 092)	SWW		136.0	14	128.8	7		
18	WB 1529	SWW		135.7	15	120.7	16	135.2	10
22	SY 107	SWW	LD	134.2	16	120.3	17		
38	LOR 833	SWW		133.7	17	130.3	6		
7	UI/WSU HUFFMAN	SWW	MD	133.1	18	128.2	11	135.7	9
28	SY 09 PN005#25 (EXP)	SWW		132.7	19				
24	SY ASSURE (SY 04 PN096-2)	SWW		131.3	20	126.4	12		
10	IDN 06-18102A	SWW		131.3	21	116.8	21		
26	SY 09 PN077-23 (EXP)	SWW		131.2	22				
27	SY 09 PN062#18 (EXP)	SWW		131.1	23				
15	LWW 14-73163	SWW		130.6	24				
35	OR 2110526	SWW		129.5	25	130.9	5		
36	OR 2121086	SWW		129.3	26				
31	WA 8206	SWW		129.2	27				
8	IDN 02-29001A	SWW		128.9	28	125.2	14	136.6	8
20	EXP BZ6W09-471	SWW		127.7	29				
12	LCS ARTDECO	SWW	A	127.5	30	119.9	18	140.7	7
21	EXP BZ6W09-489	SWW		127.5	31				
30	WA 8232	SWW		126.7	32				
3	MARY	SWW	D	126.3	33	119.0	19	130.1	12
16	LWW 14-71032	SWW		125.6	34				
14	LCS DRIVE	SWW		124.7	35	128.4	10	146.4	4
9	IDN 07-28017B	SWW		119.6	36				
1	STEPHENS*	SWW	D	117.5	37	108.8	23	114.9	15
19	WB 1604	SWW		115.2	38	113.7	22	126.0	14
33	20060126-35C	Club		114.3	39				
	Site Average			132.4		125.5		137.4	
	LSD (0.05)			14.5		12.4		10.7	
	CV (%)			7.7		9.2		9.1	

<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 received 12 oz/ac of Quilt Xcel on 4/26 to control foliar diseases.

5 Year Average Test Weight = 61.0 lbs/bu      5 Year Average Grain Protein = 9.5%

Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
5	ROSALYN	SWW		60.7	43.0	7.7
29	JASPER	SWW		62.0	44.8	8.1
4	KASEBERG	SWW		61.4	41.3	8.0
34	OR 2101043	SWW		62.5	44.8	8.6
11	UI SPARROW (IDO 1108)	SWW		60.7	49.0	7.8
2	TUBBS-06*	SWW		62.1	46.3	8.0
32	ARS 06134-57C	Club		61.5	41.8	7.4
25	SY 04 PN066-7 (EXP)	SWW		60.6	41.3	7.7
23	SY OVATION	SWW		62.0	42.3	7.9
6	BOBTAIL	SWW		60.5	41.3	8.1
17	LWW 14-71195	SWW		61.4	41.5	8.6
37	OR 2121252	SWW		61.3	41.3	8.2
13	LCS BIANCOR	SWW		61.9	37.0	8.4
40	NORWEST DUET (LOR 092)	SWW		62.9	46.8	8.1
18	WB 1529	SWW		63.4	42.8	8.2
22	SY 107	SWW		61.9	41.3	7.8
38	LOR 833	SWW		62.7	39.5	9.0
7	UIWSU HUFFMAN	SWW		61.6	45.5	8.0
28	SY 09 PN005#25 (EXP)	SWW		62.0	43.5	8.4
24	SY ASSURE (SY 04 PN096-2)	SWW		62.5	40.0	8.2
10	IDN 06-18102A	SWW		60.4	43.0	8.1
26	SY 09 PN077-23 (EXP)	SWW		62.5	42.3	8.5
27	SY 09 PN062#18 (EXP)	SWW		62.2	41.0	8.4
15	LWW 14-73163	SWW		63.8	41.8	8.1
35	OR 2110526	SWW		62.8	41.5	8.7
36	OR 2121086	SWW		62.7	44.3	8.3
31	WA 8206	SWW		63.0	43.3	8.3
8	IDN 02-29001A	SWW		63.6	43.3	8.4
20	EXP BZ6W09-471	SWW		63.6	45.0	8.3
12	LCS ARTDECO	SWW		61.0	40.5	8.4
21	EXP BZ6W09-489	SWW		64.0	41.0	8.2
30	WA 8232	SWW		63.5	42.5	7.6
3	MARY	SWW		62.1	38.8	7.7
16	LWW 14-71032	SWW		63.0	47.5	8.3
14	LCS DRIVE	SWW		61.1	36.3	8.1
9	IDN 07-28017B	SWW		62.8	42.0	8.3
1	STEPHENS*	SWW		61.1	42.0	7.8
19	WB 1604	SWW		62.8	42.0	8.2
33	20060126-35C	Club		62.5	49.0	9.5
	Site Average			62.1	42.6	8.2
	LSD (0.05)			0.5	1.4	0.7
	CV (%)			0.6	2.3	5.9

<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.

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