



2017 OREGON SOFT WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY - PROTECTED



Site Quality Index[†] = 4
1 = Poor 3 = Average 5 = Excellent

Site Description: Site received 4 oz/ac of Tilt on 3/23 and 12 oz/ac of Quilt Xcel on 5/8 to control foliar diseases.
Data for 2015 was not available for this site.

5 Year Average Yield = 119.0 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2017 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
17	LWW14-71195	SWW		161.3	1	150.0	1		
19	LWW14-72916	SWW		154.2	2				
21	WB 1529	SWW	A	153.9	3	138.6	2		
7	NORWEST TANDEM (LOR 334)	SWW		149.6	4				
13	LCS ARTDECO	SWW	A	146.6	5	137.0	4		
18	LWW14-74143	SWW		146.5	6				
26	SY ASSURE	SWW	A	146.4	7	132.9	8		
34	WA 8206	SWW		146.2	8	133.0	7		
5	ROSALYN	SWW	A	145.2	9	129.0	11		
15	LCS DRIVE (LWW12-7105)	SWW	D	143.0	10	133.9	5		
35	WA 8232	SWW		141.0	11	132.1	9		
14	LCS BIANCOR	SWW		139.0	12	138.2	3		
8	NORWEST DUET (LOR 092)	SWW	D	138.8	13	133.2	6		
39	OR 2121285	SWW		137.5	14				
32	SY 09PN008#72	SWW		137.1	15				
36	WA 8234	SWW		135.5	16				
37	OR 2121086	SWW		134.5	17	129.7	10		
27	SY COMMAND (SY 14PN066-7)	SWW		134.5	18	124.2	14		
4	KASEBERG	SWW	MD	133.7	19	128.1	12		
29	SY BANKS (SY 09PN005#25)	SWW		133.7	20	120.8	19		
38	OR 2121252	SWW		132.6	21	124.7	13		
2	TUBBS-06*	SWW	LD	132.5	22	117.4	22		
3	MARY	SWW	D	132.5	23	118.8	20		
20	LWW14-73161	SWW		132.0	24				
9	IDN 02-29001A	SWW		130.7	25	121.0	18		
16	LWW14-73163	SWW		130.3	26	118.6	21		
11	IDN 09-08357A	SWW		130.1	27				
40	OR 2130485	SWW		130.0	28				
6	BOBTAIL	SWW	MD	127.7	29	121.8	17		
10	IDN 07-28017B	SWW		127.2	30	122.4	15		
24	SY 107	SWW	LD	126.7	31	122.0	16		
28	SY DAYTON (SY 09PN062#18)	SWW		125.4	32	111.7	26		
33	JASPER	SWW	MD	123.3	33	112.9	25		
22	WB 1783 (EXP BZ6W09-471)	SWW		120.8	34	117.1	23		
25	SY OVATION	SWW	D	120.4	35	111.3	27		
23	LEGION	SWW	D	118.2	36				
30	SY RAPTOR (SY 09PN046#16)	SWW		118.1	37				
12	UI SPARROW (IDO 1108)	SWW	D	117.9	38	115.1	24		
31	SY 05PN100-63	SWW		108.7	39				
1	STEPHENS*	SWW	D	106.7	40	103.6	28		
	Site Average			133.7		124.9			
	LSD (0.05)			12.8		9.1			
	CV (%)			6.8		7.4			

[†] 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.

[‡] 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.

[‡] Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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Site Description: Site received 4 oz/ac of Tilt on 3/23 and 12 oz/ac of Quilt Xcel on 5/8 to control foliar diseases.

Data for 2015 was not available for this site.

5 Year Average Test Weight = 59.5 lbs/bu 5 Year Average Grain Protein = 9.1%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Lodging %	Protein %
17	LWW14-71195	SWW	62.1	42.0	138.0	0.0	10.1
19	LWW14-72916	SWW	61.0	40.3	139.0	23.8	9.9
21	WB 1529	SWW	63.7	44.5	144.0	0.0	10.8
7	NORWEST TANDEM (LOR 334)	SWW	61.6	41.0	139.0	0.0	10.8
13	LCS ARTDECO	SWW	60.6	40.3	128.0	5.0	10.6
18	LWW14-74143	SWW	59.8	43.8	130.0	0.0	10.0
26	SY ASSURE	SWW	61.6	42.5	139.0	0.0	11.0
34	WA 8206	SWW	63.4	46.5	144.0	36.3	10.6
5	ROSALYN	SWW	61.1	43.5	144.0	0.0	10.7
15	LCS DRIVE (LWW12-7105)	SWW	58.8	36.0	134.8	0.0	10.2
35	WA 8232	SWW	62.0	44.8	147.3	67.5	10.6
14	LCS BIANCOR	SWW	60.3	37.8	141.3	0.0	10.8
8	NORWEST DUET (LOR 092)	SWW	61.8	49.8	142.0	33.8	10.7
39	OR 2121285	SWW	60.0	41.8	142.0	2.5	12.0
32	SY 09PN008#72	SWW	61.9	41.8	144.0	0.0	11.0
36	WA 8234	SWW	62.4	43.8	144.0	0.0	11.0
37	OR 2121086	SWW	60.4	44.5	139.8	0.0	11.6
27	SY COMMAND (SY 14PN066-7)	SWW	59.8	43.8	144.0	17.5	11.0
4	KASEBERG	SWW	59.7	42.8	141.3	0.0	11.0
29	SY BANKS (SY 09PN005#25)	SWW	59.8	45.0	144.8	17.5	10.8
38	OR 2121252	SWW	61.7	42.3	144.0	0.0	11.2
2	TUBBS-06*	SWW	60.1	47.3	144.0	21.3	11.1
3	MARY	SWW	61.1	41.0	144.0	0.0	11.5
20	LWW14-73161	SWW	60.7	47.5	144.0	12.5	10.0
9	IDN 02-29001A	SWW	62.3	45.0	144.0	0.0	11.3
16	LWW14-73163	SWW	59.5	47.0	144.0	16.3	10.7
11	IDN 09-08357A	SWW	61.2	44.0	139.0	0.0	11.0
40	OR 2130485	SWW	59.1	44.3	142.0	7.5	11.3
6	BOBTAIL	SWW	58.3	42.3	144.0	0.0	11.5
10	IDN 07-28017B	SWW	59.6	43.3	139.0	18.8	12.0
24	SY 107	SWW	60.5	43.0	145.5	0.0	10.4
28	SY DAYTON (SY 09PN062#18)	SWW	61.6	41.8	144.0	0.0	10.2
33	JASPER	SWW	59.4	46.3	144.0	0.0	10.8
22	WB 1783 (EXP BZ6W09-471)	SWW	62.7	46.3	147.0	15.0	10.2
25	SY OVATION	SWW	61.7	42.8	144.0	7.5	10.5
23	LEGION	SWW	57.9	46.0	144.5	50.0	11.4
30	SY RAPTOR (SY 09PN046#16)	SWW	59.7	41.3	141.3	0.0	10.7
12	UI SPARROW (IDO 1108)	SWW	58.4	48.8	148.3	20.0	11.0
31	SY 05PN100-63	SWW	60.3	44.8	146.0	21.3	9.8
1	STEPHENS*	SWW	60.0	43.0	144.0	17.5	10.8
	Site Average		60.7	43.6	142.2	10.3	10.8
	LSD (0.05)		1.7	2.1	1.4	24.8	1.2
	CV (%)		2.0	3.5	0.7	172.0	7.9

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