



2017 OREGON SOFT WINTER ELITE YIELD TRIALS NORTH WILLAMETTE VALLEY



Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Late and poor planting conditions led to lower grain yields and a reduced site quality score.

5 Year Average Yield = 137.0 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
5	ROSALYN	SWW	A	132.0	1	143.2	1	132.0	3
18	LWW14-74143	SWW		130.8	2				
17	LWW14-71195	SWW		130.4	3	134.4	3		
13	LCS ARTDECO	SWW	A	127.5	4	127.5	12	122.2	9
26	SY ASSURE	SWW	A	126.4	5	129.2	5	126.4	4
4	KASEBERG	SWW	MD	126.2	6	136.3	2	137.8	1
16	LWW14-73163	SWW		125.0	7	128.2	8		
19	LWW14-72916	SWW		121.7	8				
35	WA 8232	SWW		120.5	9	124.0	18		
40	OR 2130485	SWW		120.2	10				
7	NORWEST TANDEM (LOR 334)	SWW		119.8	11				
24	SY 107	SWW	LD	119.3	12	127.8	11	120.1	10
9	IDN 02-29001A	SWW		118.6	13	124.5	17	123.0	8
10	IDN 07-28017B	SWW		118.4	14	119.1	25		
37	OR 2121086	SWW		118.1	15	124.5	16		
6	BOBTAIL	SWW	MD	117.8	16	129.1	6	132.6	2
3	MARY	SWW	D	117.2	17	121.7	21	118.5	13
33	JASPER	SWW	MD	114.7	18	133.6	4	123.2	6
32	SY 09PN008#72	SWW		114.0	19				
39	OR 2121285	SWW		113.4	20				
20	LWW14-73161	SWW		113.3	21				
38	OR 2121252	SWW		112.8	22	126.2	14		
27	SY COMMAND (SY 14PN066-7)	SWW		112.2	23	127.9	10		
25	SY OVATION	SWW	D	112.1	24	127.2	13	123.1	7
2	TUBBS-06*	SWW	LD	111.4	25	128.1	9	120.0	11
21	WB 1529	SWW	A	110.7	26	125.0	15	117.7	14
29	SY BANKS (SY 09PN005#25)	SWW		109.8	27	122.9	19		
12	UI SPARROW (IDO 1108)	SWW	D	109.5	28	128.3	7	115.3	16
28	SY DAYTON (SY 09PN062#18)	SWW		109.5	29	121.8	20		
34	WA 8206	SWW		109.3	30	120.7	23		
36	WA 8234	SWW		109.1	31				
30	SY RAPTOR (SY 09PN046#16)	SWW		105.3	32				
1	STEPHENS*	SWW	D	104.1	33	111.7	27	107.4	17
11	IDN 09-08357A	SWW		104.1	34				
23	LEGION	SWW	D	103.9	35				
8	NORWEST DUET (LOR 092)	SWW	D	100.5	36	120.8	22	119.3	12
14	LCS BIANCOR	SWW		100.2	37	120.7	24	123.5	5
31	SY 05PN100-63	SWW		93.7	38				
22	WB 1783 (EXP B26W09-471)	SWW		92.8	39	112.7	26		
15	LCS DRIVE (LWW12-7105)	SWW	D	90.6	40	110.1	28	117.0	15
	Site Average			113.7		125.3		122.3	
	LSD (0.05)			14.0		10.5		10.2	
	CV (%)			7.6		7.9		9.4	

[†] 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 unpublshable
- 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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5 Year Average Test Weight = 61.1 lbs/bu

5 Year Average Grain Protein = 9.3%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
5	ROSALYN	SWW	61.0	39.7	8.8
18	LWW14-74143	SWW	59.3	37.0	7.3
17	LWW14-71195	SWW	62.3	36.0	9.0
13	LCS ARTDECO	SWW	61.8	35.0	8.2
26	SY ASSURE	SWW	62.9	36.7	9.4
4	KASEBERG	SWW	60.8	36.3	9.2
16	LWW14-73163	SWW	61.5	42.0	9.4
19	LWW14-72916	SWW	62.5	34.0	7.5
35	WA 8232	SWW	63.8	41.3	9.0
40	OR 2130485	SWW	60.9	39.3	8.3
7	NORWEST TANDEM (LOR 334)	SWW	62.3	33.7	8.9
24	SY 107	SWW	62.0	37.3	9.4
9	IDN 02-29001A	SWW	63.9	38.3	9.5
10	IDN 07-28017B	SWW	63.2	37.7	9.1
37	OR 2121086	SWW	62.5	39.0	9.2
6	BOBTAIL	SWW	59.4	37.3	8.8
3	MARY	SWW	62.6	38.0	8.9
33	JASPER	SWW	61.2	39.0	8.8
32	SY 09PN008#72	SWW	62.9	39.3	9.1
39	OR 2121285	SWW	63.1	36.0	8.8
20	LWW14-73161	SWW	61.9	40.3	8.4
38	OR 2121252	SWW	61.4	37.3	9.3
27	SY COMMAND (SY 14PN066-7)	SWW	60.8	35.7	8.1
25	SY OVATION	SWW	62.4	38.3	9.2
2	TUBBS-06*	SWW	61.5	44.0	8.0
21	WB 1529	SWW	64.3	40.0	9.1
29	SY BANKS (SY 09PN005#25)	SWW	62.4	41.3	8.1
12	UI SPARROW (IDO 1108)	SWW	60.9	42.3	8.1
28	SY DAYTON (SY 09PN062#18)	SWW	62.4	35.3	8.7
34	WA 8206	SWW	63.4	41.3	9.2
36	WA 8234	SWW	62.8	39.3	8.5
30	SY RAPTOR (SY 09PN046#16)	SWW	61.9	38.3	7.6
1	STEPHENS*	SWW	61.3	40.3	8.9
11	IDN 09-08357A	SWW	63.2	37.3	8.6
23	LEGION	SWW	62.1	42.3	8.4
8	NORWEST DUET (LOR 092)	SWW	62.6	43.0	8.4
14	LCS BIANCOR	SWW	61.5	32.3	9.2
31	SY 05PN100-63	SWW	61.7	41.3	8.6
22	WB 1783 (EXP BZ6W09-471)	SWW	64.4	39.3	8.6
15	LCS DRIVE (LWW12-7105)	SWW	62.1	29.0	8.8
	Site Average		62.1	38.3	8.7
	LSD (0.05)		0.7	2.6	1.0
	CV (%)		0.7	4.2	7.0

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