



2017 OREGON SOFT WINTER ELITE YIELD TRIALS LAGRANDE (Irrigated)



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

Site Description: High plot to plot variability increased CV and reduced site quality index score.

5 Year Average Yield = 106.8 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
18	LWW14-74143	SWW		181.7	1				
6	BOBTAIL	SWW	MD	177.1	2	141.4	1	129.3	2
10	IDN 07-28017B	SWW		173.3	3	135.1	6		
19	LWW14-72916	SWW		172.6	4				
28	SY DAYTON (SY 09PN062#18)	SWW		172.4	5	140.4	3		
39	OR 2121285	SWW		172.3	6				
17	LWW14-71195	SWW		171.5	7	139.6	4		
36	WA 8234	SWW		171.4	8				
31	SY 05PN100-63	SWW		170.4	9				
13	LCS ARTDECO	SWW	A	167.9	10	134.0	9	126.4	3
29	SY BANKS (SY 09PN005#25)	SWW		167.4	11	127.7	13		
25	SY OVATION	SWW	D	167.2	12	134.1	7	121.3	5
14	LCS BIANCOR	SWW		167.1	13	136.4	5	121.6	4
5	ROSALYN	SWW	A	165.3	14	126.5	15	118.1	7
35	WA 8232	SWW		164.2	15	124.7	17		
16	LWW14-73163	SWW		164.0	16	134.1	8		
11	IDN 09-08357A	SWW		163.2	17				
12	UI SPARROW (IDO 1108)	SWW	D	163.0	18	131.4	10	117.5	9
33	JASPER	SWW	MD	163.0	19	123.7	19	113.5	12
20	LWW14-73161	SWW		162.8	20				
37	OR 2121086	SWW		162.2	21	128.9	12		
7	NORWEST TANDEM (LOR 334)	SWW		162.1	22				
15	LCS DRIVE (LWW12-7105)	SWW	D	162.1	23	140.9	2	130.1	1
4	KASEBERG	SWW	MD	161.2	24	124.3	18	117.9	8
38	OR 2121252	SWW		160.6	25	123.3	20		
26	SY ASSURE	SWW	A	160.3	26	129.1	11	119.5	6
21	WB 1529	SWW	A	157.6	27	121.7	22	112.8	14
40	OR 2130485	SWW		157.5	28				
32	SY 09PN008#72	SWW		157.4	29				
9	IDN 02-29001A	SWW		157.1	30	127.2	14	117.2	10
27	SY COMMAND (SY 14PN066-7)	SWW		156.7	31	120.7	25		
30	SY RAPTOR (SY 09PN046#16)	SWW		156.6	32				
22	WB 1783 (EXP BZ6W09-471)	SWW		155.9	33	126.4	16		
8	NORWEST DUET (LOR 092)	SWW	D	155.3	34	119.6	26	112.4	15
3	MARY	SWW	D	152.2	35	120.8	24	113.0	13
23	LEGION	SWW	D	151.6	36				
34	WA 8206	SWW		149.0	37	122.5	21		
24	SY 107	SWW	LD	142.2	38	121.2	23	115.0	11
2	TUBBS-06*	SWW	LD	133.3	39	110.9	27	104.8	16
1	STEPHENS*	SWW	D	130.4	40	107.5	28	102.7	17
	Site Average			161.5		127.5		117.2	
	LSD (0.05)			14.3		9.9		7.0	
	CV (%)			6.3		7.6		7.3	

[†] 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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Site Description: High plot to plot variability increased CV and reduced site quality index score.

5 Year Average Test Weight = 57.8 lbs/bu 5 Year Average Grain Protein = 12.5%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
18	LWW14-74143	SWW	59.7	35.8	9.1
6	BOBTAIL	SWW	59.4	35.5	9.8
10	IDN 07-28017B	SWW	63.4	36.0	10.4
19	LWW14-72916	SWW	62.0	30.3	9.8
28	SY DAYTON (SY 09PN062#18)	SWW	62.6	36.5	9.7
39	OR 2121285	SWW	62.6	35.5	10.4
17	LWW14-71195	SWW	61.5	36.0	10.2
36	WA 8234	SWW	63.2	37.3	9.8
31	SY 05PN100-63	SWW	60.7	41.0	9.6
13	LCS ARTDECO	SWW	61.9	33.8	9.6
29	SY BANKS (SY 09PN005#25)	SWW	61.7	38.5	9.7
25	SY OVATION	SWW	62.6	37.5	9.7
14	LCS BIANCOR	SWW	61.0	32.5	10.1
5	ROSALYN	SWW	60.8	38.0	9.3
35	WA 8232	SWW	62.6	38.5	9.9
16	LWW14-73163	SWW	62.4	38.8	10.4
11	IDN 09-08357A	SWW	62.9	39.0	10.4
12	UI SPARROW (IDO 1108)	SWW	61.2	41.3	9.4
33	JASPER	SWW	61.5	37.5	9.0
20	LWW14-73161	SWW	62.5	37.8	9.8
37	OR 2121086	SWW	62.4	37.8	10.2
7	NORWEST TANDEM (LOR 334)	SWW	62.3	32.3	9.9
15	LCS DRIVE (LWW12-7105)	SWW	61.3	30.8	10.7
4	KASEBERG	SWW	60.6	35.8	9.5
38	OR 2121252	SWW	61.0	35.8	9.8
26	SY ASSURE	SWW	63.9	32.5	10.5
21	WB 1529	SWW	63.9	34.8	10.2
40	OR 2130485	SWW	60.7	36.5	9.8
32	SY 09PN008#72	SWW	62.9	37.3	9.5
9	IDN 02-29001A	SWW	63.0	38.3	9.2
27	SY COMMAND (SY 14PN066-7)	SWW	60.5	37.0	9.3
30	SY RAPTOR (SY 09PN046#16)	SWW	61.7	34.8	9.4
22	WB 1783 (EXP BZ6W09-471)	SWW	64.8	40.0	10.5
8	NORWEST DUET (LOR 092)	SWW	61.8	40.8	9.6
3	MARY	SWW	62.4	35.8	9.0
23	LEGION	SWW	60.3	40.8	10.6
34	WA 8206	SWW	63.1	37.5	10.0
24	SY 107	SWW	61.8	36.5	9.5
2	TUBBS-06*	SWW	59.7	41.3	9.7
1	STEPHENS*	SWW	60.8	35.3	9.7
	Site Average		61.9	36.7	9.8
	LSD (0.05)		0.7	1.8	1.0
	CV (%)		0.8	3.6	7.4

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