



## 2017 OREGON SOFT WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



Site Quality Index<sup>†</sup> = 3.5  
1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust was not controlled at this site.  
Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Yield = 138.9 bu/ac

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2017 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	150.5	1	154.3	1		
18	LWW14-74143	SWW		148.3	2				
6	BOBTAIL	SWW	MD	147.2	3	150.4	2		
17	LWW14-71195	SWW		146.5	4	140.7	5		
28	SY DAYTON (SY 09PN062#18)	SWW		144.1	5	147.6	3		
8	NORWEST DUET (LOR 092)	SWW	D	143.1	6	130.6	17		
32	SY 09PN008#72	SWW		142.5	7				
15	LCS DRIVE (LWW12-7105)	SWW	D	140.1	8	142.7	4		
19	LWW14-72916	SWW		137.6	9				
9	IDN 02-29001A	SWW		137.2	10	136.2	8		
26	SY ASSURE	SWW	A	136.9	11	133.2	14		
13	LCS ARTDECO	SWW	A	135.1	12	116.6	25		
23	LEGION	SWW	D	134.1	13				
21	WB 1529	SWW	A	133.7	14	134.2	11		
35	WA 8232	SWW		133.6	15	127.9	21		
22	WB 1783 (EXP BZ6W09-471)	SWW		133.6	16	134.3	10		
14	LCS BIANCOR	SWW		133.5	17	132.8	16		
7	NORWEST TANDEM (LOR 334)	SWW		133.5	18				
10	IDN 07-28017B	SWW		132.7	19	133.0	15		
39	OR 2121285	SWW		132.6	20				
34	WA 8206	SWW		132.6	21	123.9	24		
27	SY COMMAND (SY 14PN066-7)	SWW		131.7	22	133.5	12		
29	SY BANKS (SY 09PN005#25)	SWW		131.4	23	136.4	7		
30	SY RAPTOR (SY 09PN046#16)	SWW		131.0	24				
38	OR 2121252	SWW		129.8	25	129.2	19		
33	JASPER	SWW	MD	129.8	26	133.4	13		
31	SY 05PN100-63	SWW		128.6	27				
36	WA 8234	SWW		128.2	28				
40	OR 2130485	SWW		127.9	29				
4	KASEBERG	SWW	MD	127.6	30	134.8	9		
12	UI SPARROW (IDO 1108)	SWW	D	126.8	31	127.5	22		
37	OR 2121086	SWW		126.0	32	130.3	18		
25	SY OVATION	SWW	D	125.5	33	137.2	6		
1	STEPHENS*	SWW	D	121.8	34	125.1	23		
20	LWW14-73161	SWW		121.7	35				
11	IDN 09-08357A	SWW		120.0	36				
16	LWW14-73163	SWW		118.1	37	128.8	20		
2	TUBBS-06*	SWW	LD	111.6	38	111.3	26		
3	MARY	SWW	D	108.1	39	110.7	27		
24	SY 107	SWW	LD	97.0	40	102.7	28		
	Site Average			131.3		131.1			
	LSD (0.05)			14.4		9.9			
	CV (%)			7.8		7.4			

<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 unpubishable
- 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; UCS = Unacceptable Except Customer-Specific Uses



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Site Description: Stripe rust was not controlled at this site.  
Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Test Weight = 61.2 lbs/bu      5 Year Average Grain Protein = 10.9%

Entry	Variety	Class		Test Weight	Plant Height	Lodging	Protein	Stripe Rust
				lbs/bu	inches	%	%	6/1/2017
<b>GS 10.5</b>								
<b>% Severity</b>								
5	ROSALYN	SWW		60.8	39.0	6.3	10.0	1
18	LWW14-74143	SWW		59.0	38.5	0.0	9.5	5
6	BOBTAIL	SWW		59.3	38.5	3.8	10.8	0
17	LWW14-71195	SWW		58.9	39.3	0.0	11.3	1
28	SY DAYTON (SY 09PN062#18)	SWW		60.7	40.0	1.3	9.8	1
8	NORWEST DUET (LOR 092)	SWW		61.4	42.5	0.0	10.2	1
32	SY 09PN008#72	SWW		61.3	40.5	0.0	10.5	0
15	LCS DRIVE (LWW12-7105)	SWW		58.9	33.8	0.0	9.9	0
19	LWW14-72916	SWW		60.4	34.3	18.8	9.3	1
9	IDN 02-29001A	SWW		61.6	43.0	10.0	10.9	3
26	SY ASSURE	SWW		62.0	39.0	0.0	9.8	0
13	LCS ARTDECO	SWW		59.6	35.3	0.0	9.6	35
23	LEGION	SWW		59.6	41.5	10.0	10.6	0
21	WB 1529	SWW		62.2	38.5	17.5	11.3	26
35	WA 8232	SWW		61.8	40.0	62.5	10.6	3
22	WB 1783 (EXP BZ6W09-471)	SWW		63.0	40.5	0.0	11.0	4
14	LCS BIANCOR	SWW		59.7	34.3	0.0	10.9	0
7	NORWEST TANDEM (LOR 334)	SWW		60.8	35.8	0.0	9.6	0
10	IDN 07-28017B	SWW		62.3	38.8	0.0	11.2	0
39	OR 2121285	SWW		60.2	36.3	0.0	12.0	0
34	WA 8206	SWW		61.9	41.5	53.8	10.5	11
27	SY COMMAND (SY 14PN066-7)	SWW		59.2	40.0	0.0	10.9	1
29	SY BANKS (SY 09PN005#25)	SWW		60.0	39.5	3.8	8.2	0
30	SY RAPTOR (SY 09PN046#16)	SWW		59.3	40.5	1.3	10.7	4
38	OR 2121252	SWW		59.1	38.8	0.0	10.9	6
33	JASPER	SWW		58.6	40.8	1.3	11.5	4
31	SY 05PN100-63	SWW		59.6	40.3	0.0	9.6	8
36	WA 8234	SWW		61.4	39.5	30.0	10.5	3
40	OR 2130485	SWW		58.8	40.0	0.0	12.0	1
4	KASEBERG	SWW		59.4	39.5	0.0	10.4	20
12	UI SPARROW (IDO 1108)	SWW		59.5	42.0	12.5	10.8	5
37	OR 2121086	SWW		59.9	39.5	0.0	10.1	0
25	SY OVATION	SWW		60.8	40.3	0.0	10.7	15
1	STEPHENS*	SWW		59.6	38.0	0.0	9.9	63
20	LWW14-73161	SWW		59.3	42.0	7.5	11.0	8
11	IDN 09-08357A	SWW		60.3	40.5	0.0	11.4	0
16	LWW14-73163	SWW		59.4	41.8	2.5	11.1	5
2	TUBBS-06*	SWW		59.2	40.5	0.0	9.8	70
3	MARY	SWW		60.3	37.5	0.0	9.9	85
24	SY 107	SWW		58.6	39.8	20.0	10.4	85
	Site Average			60.2	39.3	6.6	10.4	12
	LSD (0.05)			1.2	2.5	19.0	1.4	10
	CV (%)			1.4	4.5	206.8	8.3	61

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