



2016 OREGON SOFT WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust was not controlled at this site.

2-Year yield data from 2016 and 2014. Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Yield = 134.6 bu/ac

Entry	Variety	Class	Quality Rating [†]	2016 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	158.1	1	170.6	2		
6	BOBTAIL	SWW	MD	154.8	2	170.8	1		
27	SY 09 PN062#18 (EXP)	SWW		152.2	3				
23	SY OVATION	SWW	D	148.9	4	169.5	3		
32	ARS 06134-57C	Club		148.2	5				
14	LCS DRIVE	SWW		145.3	6	162.8	5		
4	KASEBERG	SWW	MD	144.5	7	168.7	4		
28	SY 09 PN005#25 (EXP)	SWW		143.1	8				
15	LWW 14-73163	SWW		143.0	9				
38	LOR 833	SWW		142.0	10				
10	IDN 06-18102A	SWW		138.6	11				
29	JASPER	SWW	MD	138.1	12				
35	OR 2110526	SWW		135.6	13				
20	EXP BZ6W09-471	SWW		135.5	14				
25	SY 04 PN066-7 (EXP)	SWW		135.3	15				
8	IDN 02-29001A	SWW		134.8	16	154.9	8		
18	WB 1529	SWW		134.8	17	151.1	9		
36	OR 2121086	SWW		134.7	18				
9	IDN 07-28017B	SWW		133.2	19				
17	LWW 14-71195	SWW		133.0	20				
13	LCS BIANCOR	SWW		132.1	21	155.6	7		
24	SY ASSURE (SY 04 PN096-2)	SWW		129.6	23				
7	UI/WSU HUFFMAN	SWW	MD	128.5	24	138.2	14		
11	IDO 1108	SWW		128.4	25	150.3	10		
1	STEPHENS*	SWW	D	128.4	26	141.9	13		
37	OR 2121252	SWW		128.4	27				
34	OR 2101043	SWW		127.8	28				
26	SY 09 PN077-23 (EXP)	SWW		123.4	29				
19	WB 1604	SWW		122.7	30	158.2	6		
30	WA 8232	SWW		122.2	31				
33	20060126-35C	Club		121.9	32				
21	EXP BZ6W09-489	SWW		121.8	33				
40	Norwest Duet (LOR 092)	SWW		118.0	34				
31	WA 8206	SWW		115.2	35				
3	MARY	SWW	D	113.2	36	144.1	11		
2	TUBBS-06*	SWW	LD	110.9	37	143.1	12		
16	LWW 14-71032	SWW		110.0	38				
22	SY 107	SWW	LD	108.5	39				
12	LCS ARTDECO	SWW	A	98.1	40	120.5	15		
	Site Average			130.7		153.2			
	LSD (0.05)			14.0		13.1			
	CV (%)			7.0		8.2			

[†] 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 unublishable
- 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; U = Unacceptable



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Site Description: Stripe rust was not controlled at this site.

2-Year yield data from 2016 and 2014. Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Test Weight = 60.8 lbs/bu 5 Year Average Grain Protein = 10.5%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein	Stripe Rust	
								lbs/bu	inches
5	ROSALYN	SWW	60.9	35.4	119.0	22.5	10.1		8.8
6	BOBTAIL	SWW	60.6	35.4	118.7	60.0	10.0		0.0
27	SY 09 PN062#18 (EXP)	SWW	62.4	34.0	122.5	0.0	11.0		8.8
23	SY OVATION	SWW	61.6	34.4	118.5	2.5	10.7		21.3
32	ARS 06134-57C	Club	61.2	34.0	125.0	0.0	10.9		35.0
14	LCS DRIVE	SWW	60.6	31.0	115.0	12.5	10.7		0.0
4	KASEBERG	SWW	61.2	34.0	118.0	0.0	9.6		28.8
28	SY 09 PN005#25 (EXP)	SWW	60.2	36.4	119.5	0.0	11.2		0.0
15	LWW 14-73163	SWW	62.8	34.9	118.8	0.0	10.9		0.0
38	LOR 833	SWW	62.1	34.0	117.0	40.0	11.8		1.3
10	IDN 06-18102A	SWW	60.2	35.4	121.7	0.0	9.9		25.0
29	JASPER	SWW	61.9	38.9	121.3	8.3	10.8		5.0
35	OR 2110526	SWW	62.4	34.0	115.5	75.0	11.4		15.0
20	EXP BZ6W09-471	SWW	64.0	39.4	119.5	17.5	11.6		5.0
25	SY 04 PN066-7 (EXP)	SWW	61.2	34.4	118.0	0.0	11.2		3.0
8	IDN 02-29001A	SWW	63.0	35.9	117.3	0.0	11.6		2.8
18	WB 1529	SWW	63.3	32.0	116.0	0.0	11.7		6.3
36	OR 2121086	SWW	62.8	35.4	118.0	0.0	11.5		0.5
9	IDN 07-28017B	SWW	62.3	34.9	115.0	0.0	11.3		1.3
17	LWW 14-71195	SWW	58.9	32.5	116.7	0.0	11.9		0.0
13	LCS BIANCOR	SWW	59.4	31.0	116.8	42.5	10.3		0.0
24	SY ASSURE (SY 04 PN096-2)	SWW	62.3	32.5	113.3	21.3	11.6		2.5
7	UI/WSU HUFFMAN	SWW	62.0	34.4	121.3	0.0	10.6		18.8
11	IDO 1108	SWW	60.9	39.4	126.0	45.0	11.0		52.5
1	STEPHENS*	SWW	60.6	34.0	114.0	0.0	11.0		72.5
37	OR 2121252	SWW	60.9	32.0	118.3	0.0	10.1		66.3
34	OR 2101043	SWW	61.7	35.4	121.8	47.5	11.7		3.5
26	SY 09 PN077-23 (EXP)	SWW	61.4	35.9	119.0	2.5	11.1		3.8
19	WB 1604	SWW	63.1	34.0	116.3	0.0	11.5		0.0
30	WA 8232	SWW	62.9	32.5	120.0	80.0	12.1		17.5
33	20060126-35C	Club	61.1	37.4	123.0	72.5	12.0		3.0
21	EXP BZ6W09-489	SWW	63.0	31.5	118.0	2.5	12.5		13.8
40	Norwest Duet (LOR 092)	SWW	62.7	39.9	121.0	15.0	11.4		0.5
31	WA 8206	SWW	62.6	37.4	117.5	85.0	12.1		53.8
3	MARY	SWW	60.3	33.0	116.0	0.0	10.6		83.8
2	TUBBS-06*	SWW	60.0	38.9	117.0	47.5	11.7		85.0
16	LWW 14-71032	SWW	62.0	34.9	118.0	55.0	11.5		6.0
22	SY 107	SWW	59.8	34.0	121.0	26.3	10.3		81.3
12	LCS ARTDECO	SWW	58.6	25.6	112.3	23.8	12.0		52.5
	Site Average		61.5	34.6	118.5	20.5	11.2		20.1
	LSD (0.05)		1.3	2.8	1.6	34.5	1.0		10.3
	CV (%)		1.4	5.8	0.9	112.6	6.1		36.6

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