



2011 OREGON SOFT WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



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

Site Description: Severe stripe rust reduced grain yields and test weights of susceptible varieties.

5 Year Average Yield = 107.5 bu/ac

Entry	Variety	Class	2011 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
41	OR2071071	SWW	163.0	1	138.0	1		
45	OR08047P94	SWW	157.9	2				
31	CARA	Club	139.2	3	126.0	2	120.5	1
17	LEGION	SWW	138.2	4	122.6	6	117.9	4
44	OR2080641	SWW	136.9	5				
2	MADSEN*	SWW	136.8	6	123.9	4	117.9	3
9	BRUNEAU	SWW	130.6	7	123.4	5	119.6	2
6	SKILES	SWW	130.5	8	112.7	14	111.9	9
22	ORCF-101R	SWW	128.7	9	124.0	3	115.8	6
42	OR2071628	SWW	128.7	10	120.1	8		
38	OR2070608	SWW	128.6	11	116.0	11		
30	CODA	Club	127.8	12	119.1	9	112.3	8
13	WA 8092	SWW	127.3	13				
43	OR2071073	SWW	127.3	14				
37	OR2060395	SWW	127.0	15	113.1	13	113.3	7
16	WB JUNCTION (BZ6W02-616)	SWW	123.4	16	118.6	10		
20	SY OVATION (30PN-108#21)	SWW	122.7	17				
28	AP 700CL	SWW	122.4	18	122.3	7	117.3	5
34	ARS 97230-6C	Club	122.0	19				
25	ORI2101835	SWW	120.3	20				
32	ARS 970042-1C	Club	118.5	21				
39	OR2070870	SWW	114.7	22	115.2	12		
10	ID 96-16702A	SWW	112.5	23				
4	ORSS-1757	SWW	110.8	24	105.0	16	102.2	13
8	BRUNDAGE 96	SWW	110.2	25	104.1	17	105.0	11
36	OR2060323	SWW	109.1	26				
11	IDO 663	SWW	107.3	27				
14	NSA 06-2153A	SWW	107.1	28				
15	WESTBRED 528	SWW	106.2	29	105.3	15	105.6	10
29	WB 1066CL	SWW	104.0	30				
33	ARS 98X402-1C	Club	102.4	31				
40	OR2071029	SWW	98.2	32	100.0	21		
35	OR2040726 (MARY)	SWW	98.0	33	101.7	19	101.3	14
1	STEPHENS*	SWW	98.0	34	98.3	23	97.9	16
19	AP BADGER	SWW	92.0	35	98.6	22		
27	UICF-BRUNDAGE	SWW	90.8	36	100.6	20	100.1	15
7	GOETZE/SKILES BLEND	SWW	89.6	37				
21	ORCF-101	SWW	88.9	38	97.0	24	97.0	18
23	ORCF-102	SWW	85.8	39	102.6	18	103.6	12
24	ORCF-103	SWW	84.5	40	95.5	25	97.2	17
5	GOETZE	SWW	75.2	41	75.2	27	85.6	20
12	XERPHA	SWW	74.4	42	78.7	26	93.0	19
26	ORI2101839	SWW	68.8	43				
3	TUBBS 06*	SWW	68.4	44	73.4	28	84.6	21
18	AP LEGACY	SWW	33.7	45	57.8	29	76.2	22
	Site Average		110.9		106.5		104.4	
	LSD (0.05)		10.9		7.0		6.1	
	CV (%)		7.0		6.6		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 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.



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Site Description: Severe stripe rust reduced grain yields and test weights of susceptible varieties.

5 Year Average Test Weight = 59.3 lbs/bu 5 Year Average Grain Protein = 10.8%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %	Stripe Rust %
41	OR2071071	SWW	62.2	44.8	165.0	9.2	0.8
45	OR08047P94	SWW	62.5	44.8	164.8	9.8	1.0
31	CARA	Club	62.7	47.7	165.5	10.1	0.8
17	LEGION	SWW	61.0	47.2	165.3	9.6	6.8
44	OR2080641	SWW	62.6	45.3	165.3	9.2	20.0
2	MADSEN*	SWW	62.5	47.2	165.5	10.3	4.5
9	BRUNEAU	SWW	62.9	47.7	164.5	9.4	13.8
6	SKILES	SWW	63.7	41.3	163.0	10.7	5.3
22	ORCF-101R	SWW	63.3	46.3	164.3	10.3	12.5
42	OR2071628	SWW	61.5	44.8	161.3	9.0	25.0
38	OR2070608	SWW	61.4	41.3	164.5	9.6	13.8
30	CODA	Club	64.3	48.7	167.3	11.0	2.5
13	WA 8092	SWW	61.9	42.3	171.0	9.8	4.0
43	OR2071073	SWW	62.5	42.8	166.5	9.6	25.0
37	OR2060395	SWW	61.4	43.3	160.0	9.5	11.3
16	WB JUNCTION (BZ6W02-616)	SWW	62.0	46.3	158.0	9.3	12.5
20	SY OVATION (30PN-108#21)	SWW	62.6	44.8	161.3	9.6	30.0
28	AP 700CL	SWW	62.9	45.3	163.5	9.7	10.3
34	ARS 97230-6C	Club	62.6	45.8	164.5	9.2	17.5
25	ORI2101835	SWW	62.0	47.2	167.5	10.2	13.8
32	ARS 970042-1C	Club	62.8	47.7	163.3	10.2	1.0
39	OR2070870	SWW	63.0	42.8	164.3	10.5	20.0
10	ID 96-16702A	SWW	63.5	49.7	162.3	9.7	28.8
4	ORSS-1757	SWW	61.6	47.7	160.5	9.1	26.3
8	BRUNDAGE 96	SWW	62.5	45.3	164.0	9.6	21.3
36	OR2060323	SWW	60.8	41.3	167.8	9.7	17.5
11	IDO 663	SWW	62.8	44.3	160.8	10.0	36.3
14	NSA 06-2153A	SWW	61.8	39.9	158.0	9.3	57.5
15	WESTBRED 528	SWW	63.1	46.8	161.8	9.6	20.0
29	WB 1066CL	SWW	64.9	48.2	157.5	12.6	0.8
33	ARS 98X402-1C	Club	62.2	49.7	167.0	9.4	6.5
40	OR2071029	SWW	62.1	38.9	166.8	9.4	42.5
35	OR2040726 (MARY)	SWW	62.6	42.3	162.0	9.5	42.5
1	STEPHENS*	SWW	61.9	44.3	161.3	10.1	17.5
19	AP BADGER	SWW	61.6	40.4	162.8	9.4	65.0
27	UICF-BRUNDAGE	SWW	62.2	41.3	165.0	9.2	23.8
7	GOETZE/SKILES BLEND	SWW	62.8	39.9	159.5	10.6	55.0
21	ORCF-101	SWW	62.8	43.3	164.3	10.0	30.0
23	ORCF-102	SWW	61.4	44.3	164.5	9.2	37.5
24	ORCF-103	SWW	61.3	41.8	170.3	8.6	27.5
5	GOETZE	SWW	61.9	38.4	158.5	10.6	67.5
12	XERPHA	SWW	63.4	44.3	166.3	10.1	52.5
26	ORI2101839	SWW	62.1	43.8	165.3	9.7	42.5
3	TUBBS 06*	SWW	61.3	46.8	165.5	9.6	57.5
18	AP LEGACY	SWW	59.9	41.8	166.0	9.7	80.0
	Site Average		62.3	44.4	163.8	9.8	24.6
	LSD (0.05)		0.6	1.9	1.0	0.7	8.6
	CV (%)		0.6	3.1	0.4	5.3	25.0

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