



2011 OREGON SOFT WINTER ELITE YIELD TRIALS HERMISTON



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

Site Description: Severe stripe rust reduced grain yields and test weights of susceptible varieties.
2-Year yield data is from 2009 and 2011, yield data for 2010 is not available for this site.

5 Year Average Yield = 120.1 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	157.0	1				
20	SY OVATION (30PN-108#21)	SWW	151.2	2				
45	OR08047P94	SWW	150.1	3				
22	ORCF-101R	SWW	147.1	4	129.5	1		
31	CARA	Club	147.0	5	125.2	3		
39	OR2070870	SWW	139.8	6				
42	OR2071628	SWW	135.8	7				
6	SKILES	SWW	134.3	8	127.3	2		
29	WB 1066CL	SWW	133.6	9				
38	OR2070608	SWW	133.5	10				
2	MADSEN*	SWW	132.9	11	121.3	5		
43	OR2071073	SWW	132.2	12				
32	ARS 970042-1C	Club	131.3	13				
9	BRUNEAU	SWW	128.4	14	119.8	6		
17	LEGION	SWW	128.0	15	114.6	8		
16	WB JUNCTION (BZ6W02-616)	SWW	127.2	16				
37	OR2060395	SWW	125.8	17	121.6	4		
44	OR2080641	SWW	124.3	18				
8	BRUNDAGE 96	SWW	123.4	19	115.1	7		
33	ARS 98X402-1C	Club	122.1	20				
13	WA 8092	SWW	122.0	21				
34	ARS 97230-6C	Club	120.4	22				
30	CODA	Club	119.7	23	107.3	11		
40	OR2071029	SWW	117.9	24				
36	OR2060323	SWW	117.6	25				
4	ORSS-1757	SWW	112.2	26	109.3	10		
10	ID 96-16702A	SWW	111.8	27				
28	AP 700CL	SWW	111.4	28	103.3	16		
25	ORI2101835	SWW	111.3	29				
35	OR2040726 (MARY)	SWW	111.0	30	110.6	9		
21	ORCF-101	SWW	106.0	31	102.3	17		
1	STEPHENS*	SWW	104.6	32	104.8	13		
19	AP BADGER	SWW	102.6	33				
27	UICF-BRUNDAGE	SWW	100.3	34	105.5	12		
23	ORCF-102	SWW	97.5	35	104.3	14		
14	NSA 06-2153A	SWW	95.8	36				
15	WESTBRED 528	SWW	93.0	37	103.8	15		
24	ORCF-103	SWW	84.3	38	86.5	19		
11	IDO 663	SWW	80.4	39				
7	GOETZE/SKILES BLEND	SWW	78.9	40				
26	ORI2101839	SWW	76.7	41				
12	XERPHA	SWW	64.9	42	82.8	20		
5	GOETZE	SWW	64.2	43	87.3	18		
3	TUBBS 06*	SWW	59.1	44	75.1	21		
18	AP LEGACY	SWW	30.5	45	58.6	22		
	Site Average		113.3		105.3			
	LSD (0.05)		17.1		8.4			
	CV (%)		10.8		7.5			

† 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.
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5 Year Average Test Weight = 60.0 lbs/bu 5 Year Average Grain Protein = 10.1%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %	Stripe Rust %
41	OR2071071	SWW	60.2	38.5	145.8	8.7	2.0
20	SY OVATION (30PN-108#21)	SWWW	61.7	40.8	142.5	9.5	16.3
45	OR08047P94	SWW	59.4	37.8	146.0	8.3	1.0
22	ORCF-101R	SWW	62.2	41.0	143.8	10.6	5.3
31	CARA	Club	61.1	44.8	149.0	10.0	1.0
39	OR2070870	SWW	60.7	38.3	146.3	10.5	20.0
42	OR2071628	SWW	58.6	40.3	144.3	9.6	17.5
6	SKILES	SWW	62.4	38.5	145.5	9.9	3.0
29	WB 1066CL	SWW	63.2	41.8	140.8	10.6	3.0
38	OR2070608	SWW	60.5	38.0	145.3	9.6	37.5
2	MADSEN*	SWW	61.2	40.8	148.5	9.9	5.0
43	OR2071073	SWW	59.5	30.0	149.3	9.2	21.3
32	ARS 970042-1C	Club	60.6	43.3	147.8	9.3	2.0
9	BRUNEAU	SWW	61.8	41.5	145.8	9.2	32.5
17	LEGION	SWWW	59.8	42.5	145.5	9.5	33.8
16	WB JUNCTION (BZ6W02-616)	SWW	61.4	39.8	140.5	10.3	57.5
37	OR2060395	SWWW	58.7	39.5	143.3	9.0	18.8
44	OR2080641	SWW	61.1	37.8	145.3	9.8	47.5
8	BRUNDAGE 96	SWW	61.0	40.3	145.0	9.0	65.0
33	ARS 98X402-1C	Club	60.8	46.5	149.8	9.2	25.0
13	WA 8092	SWW	60.2	42.0	153.8	9.4	15.0
34	ARS 97230-6C	Club	60.8	39.3	146.3	8.6	25.0
30	CODA	Club	62.2	46.0	151.3	10.1	12.5
40	OR2071029	SWWW	59.4	38.3	146.5	9.4	60.0
36	OR2060323	SWW	59.3	36.0	148.0	8.8	31.3
4	ORSS-1757	SWWW	60.0	41.3	143.3	9.4	37.5
10	ID 96-16702A	SWW	61.8	44.0	143.5	10.2	28.8
28	AP 700CL	SWWW	61.1	41.3	144.0	9.4	56.3
25	ORI2101835	SWW	60.5	42.0	148.0	9.8	31.3
35	OR2040726 (MARY)	SWWW	60.5	37.3	143.0	9.6	85.0
21	ORCF-101	SWW	60.2	40.3	144.8	10.7	51.3
1	STEPHENS*	SWW	59.7	37.0	142.0	9.7	70.0
19	AP BADGER	SWW	59.4	35.3	146.0	10.4	57.5
27	UICF-BRUNDAGE	SWW	60.4	36.8	145.3	9.5	90.0
23	ORCF-102	SWW	58.2	42.5	146.3	9.7	82.5
14	NSA 06-2153A	SWW	55.9	34.0	138.3	10.6	45.0
15	WESTBRED 528	SWWW	59.6	38.0	142.5	9.7	72.5
24	ORCF-103	SWW	59.1	37.5	150.0	10.5	90.0
11	IDO 663	SWWW	61.3	37.3	142.3	9.7	70.0
7	GOETZE/SKILES BLEND	SWW	58.2	37.5	140.8	11.1	58.8
26	ORI2101839	SWW	57.6	39.0	145.5	10.3	80.0
12	XERPHA	SWW	57.0	40.3	149.3	11.4	90.0
5	GOETZE	SWW	55.9	34.8	140.8	11.7	72.5
3	TUBBS 06*	SWW	55.5	42.3	146.8	11.3	90.0
18	AP LEGACY	SWWW	50.1	38.3	148.5	11.1	90.0
	Site Average		59.8	39.5	145.5	9.9	42.4
	LSD (0.05)		1.2	4.3	1.3	1.1	13.1
	CV (%)		1.4	7.8	0.6	8.1	22.1

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