



## 2011 OREGON SOFT WINTER ELITE YIELD TRIALS ARLINGTON



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

**Site Description: Stripe rust reduced grain yields and test weights of susceptible varieties.  
High plot to plot variability reduced site quality index score.**

5 Year Average Yield = 50.0 bu/ac

Entry	Variety	Class	2011 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
19	AP BADGER	SWW	85.0	1	70.8	1		
22	ORCF-101R	SWW	80.9	2	69.6	2		
11	IDO 663	SWW	79.3	3				
6	SKILES	SWW	77.5	4	64.4	8		
40	OR2071029	SWW	77.4	5	63.6	10		
31	CARA	Club	77.1	6	64.2	9		
42	OR2071628	SWW	76.2	7	67.6	3		
21	ORCF-101	SWW	75.7	8	66.5	6		
17	LEGION	SWW	75.2	9	64.5	7		
15	WESTBRED 528	SWW	74.6	10	60.5	14		
44	OR2080641	SWW	72.9	11				
2	MADSEN*	SWW	72.8	12	59.1	16		
41	OR2071071	SWW	72.2	13	60.9	13		
39	OR2070870	SWW	72.1	14	67.2	4		
35	OR2040726 (MARY)	SWW	72.0	15	62.4	11		
23	ORCF-102	SWW	71.6	16	66.5	5		
37	OR2060395	SWW	71.4	17	59.9	15		
7	GOETZE/SKILES BLEND	SWW	71.3	18				
45	OR08047P94	SWW	71.3	19				
36	OR2060323	SWW	71.1	20				
38	OR2070608	SWW	71.0	21	56.0	20		
14	NSA 06-2153A	SWW	70.0	22				
12	XERPHA	SWW	68.7	23	62.1	12		
20	SY OVATION (30PN-108#21)	SWW	68.7	24				
43	OR2071073	SWW	68.7	25				
3	TUBBS 06*	SWW	68.1	26	56.3	19		
34	ARS 97230-6C	Club	66.9	27				
16	WB JUNCTION (BZ6W02-616)	SWW	65.5	28	55.8	22		
5	GOETZE	SWW	65.2	29	53.3	23		
32	ARS 970042-1C	Club	65.1	30				
25	ORI2101835	SWW	63.9	31				
28	AP 700CL	SWW	63.5	32	57.6	17		
18	AP LEGACY	SWW	63.4	33	50.5	27		
10	ID 96-16702A	SWW	63.0	34				
1	STEPHENS*	SWW	62.1	35	50.5	28		
4	ORSS-1757	SWW	62.0	36	50.4	29		
29	WB 1066CL	SWW	62.0	37				
24	ORCF-103	SWW	61.4	38	55.8	21		
9	BRUNEAU	SWW	59.5	39	52.8	24		
8	BRUNDAGE 96	SWW	58.5	40	51.9	25		
27	UICF-BRUNDAGE	SWW	57.9	41	57.1	18		
33	ARS 98X402-1C	Club	57.3	42				
26	ORI2101839	SWW	55.8	43				
13	WA 8092	SWW	54.4	44				
30	CODA	Club	52.6	45	51.5	26		
	Site Average		68.3		59.5			
	LSD (0.05)		8.9		6.9			
	CV (%)		9.2		10.6			

† 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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**5 Year Average Test Weight = 60.6 lbs/bu    5 Year Average Grain Protein = 10.5%**

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
19	AP BADGER	SWW	61.5	31.0		9.5
22	ORCF-101R	SWW	62.6	34.0		10.6
11	IDO 663	SWW	61.6	33.5		10.5
6	SKILES	SWW	61.0	34.9		11.2
40	OR2071029	SWW	57.5	33.0		9.2
31	CARA	Club	60.4	35.9		9.8
42	OR2071628	SWW	61.6	34.0		9.3
21	ORCF-101	SWW	61.9	35.4		10.9
17	LEGION	SWW	59.3	34.9		10.8
15	WESTBRED 528	SWW	62.1	33.0		10.5
44	OR2080641	SWW	60.9	34.5		9.8
2	MADSEN*	SWW	61.0	35.9		11.1
41	OR2071071	SWW	59.5	32.5		9.4
39	OR2070870	SWW	61.2	32.0		10.5
35	OR2040726 (MARY)	SWW	61.2	33.5		10.6
23	ORCF-102	SWW	61.5	37.4		10.4
37	OR2060395	SWW	60.9	34.5		10.3
7	GOETZE/SKILES BLEND	SWW	61.3	33.0		10.7
45	OR08047P94	SWW	59.3	34.9		9.6
36	OR2060323	SWW	59.0	34.9		10.8
38	OR2070608	SWW	61.4	32.0		9.7
14	NSA 06-2153A	SWW	61.6	31.5		9.1
12	XERPHA	SWW	60.1	35.4		11.2
20	SY OVATION (30PN-108#21)	SWW	61.9	35.4		10.2
43	OR2071073	SWW	59.6	33.5		10.1
3	TUBBS 06*	SWW	60.5	35.4		10.3
34	ARS 97230-6C	Club	61.6	33.5		9.8
16	WB JUNCTION (BZ6W02-616)	SWW	62.5	33.5		10.8
5	GOETZE	SWW	60.5	34.1		10.4
32	ARS 970042-1C	Club	60.2	36.4		10.1
25	ORI2101835	SWW	59.6	34.9		12.2
28	AP 700CL	SWW	60.2	35.4		10.9
18	AP LEGACY	SWW	60.1	37.4		11.0
10	ID 96-16702A	SWW	62.1	34.9		10.1
1	STEPHENS*	SWW	60.9	33.0		10.5
4	ORSS-1757	SWW	61.9	34.5		10.4
29	WB 1066CL	SWW	62.3	35.4		11.1
24	ORCF-103	SWW	61.7	31.5		10.5
9	BRUNEAU	SWW	61.2	34.5		9.9
8	BRUNDAGE 96	SWW	60.5	34.5		11.1
27	UICF-BRUNDAGE	SWW	60.9	32.0		10.6
33	ARS 98X402-1C	Club	59.7	35.4		11.2
26	ORI2101839	SWW	60.6	33.5		10.1
13	WA 8092	SWW	60.3	33.0		11.0
30	CODA	Club	61.7	37.4		10.9
	Site Average		60.9	43.2		10.4
	LSD (0.05)		1.5	2.3		1.1
	CV (%)		1.7	4.8		7.5

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