



## 2011 OREGON SOFT WINTER ELITE YIELD TRIALS LEXINGTON



Site Quality Index<sup>†</sup> = 2  
1 = Poor 3 = Average 5 = Excellent

**Site Description:** Site quality score was reduced due to a planting error. Stripe rust reduced grain yields and test weights of susceptible varieties. Insufficient nitrogen greatly reduced grain protein content and likely reduced grain yields.

5 Year Average Yield = 40.2 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
34	ARS 97230-6C	Club	104.1	1				
45	OR08047P94	SWW	101.2	2				
43	OR2071073	SWW	99.6	3				
44	OR2080641	SWW	99.6	4				
11	IDO 663	SWW	96.2	5				
42	OR2071628	SWW	95.6	6	68.1	11		
1	STEPHENS*	SWW	94.2	7	63.9	18	51.1	14
41	OR2071071	SWW	94.1	8	66.1	15		
16	WB JUNCTION (BZ6W02-616)	SWW	94.0	9				
14	NSA 06-2153A	SWW	93.5	10				
35	OR2040726 (MARY)	SWW	92.7	11	59.4	23	47.4	21
17	LEGION	SWW	91.9	12	76.7	1	64.8	1
40	OR2071029	SWW	91.9	13	64.7	17		
8	BRUNDAGE 96	SWW	91.4	14	69.9	6	54.6	11
21	ORCF-101	SWW	90.2	15	70.2	3	57.8	5
22	ORCF-101R	SWW	89.7	16	74.8	2	62.6	2
2	MADSEN*	SWW	88.8	17	60.3	22	48.4	19
31	CARA	Club	88.8	18	66.2	14	50.2	17
33	ARS 98X402-1C	Club	88.6	19				
20	SY OVATION (30PN-108#21)	SWW	87.9	20				
27	UICF-BRUNDAGE	SWW	87.1	21	68.6	9	56.4	6
32	ARS 970042-1C	Club	86.9	22				
39	OR2070870	SWW	86.6	23	56.3	26		
6	SKILES	SWW	86.2	24	57.9	24	48.9	18
19	AP BADGER	SWW	85.7	25	69.2	7		
15	WESTBRED 528	SWW	85.6	26	70.1	5	58.7	4
9	BRUNEAU	SWW	85.2	27	67.5	12	54.8	10
25	ORI2101835	SWW	85.1	28				
28	AP 700CL	SWW	84.9	29	68.2	10	55.9	9
30	CODA	Club	84.9	30	69.0	8	56.3	7
23	ORCF-102	SWW	84.8	31	67.4	13	56.2	8
13	WA 8092	SWW	84.2	32				
36	OR2060323	SWW	83.9	33				
24	ORCF-103	SWW	82.4	34	63.7	19	51.6	13
12	XERPHA	SWW	81.8	35	70.1	4	59.0	3
37	OR2060395	SWW	81.7	36	62.8	20	51.0	15
3	TUBBS 06*	SWW	79.6	37	64.8	16	53.7	12
10	ID 96-16702A	SWW	77.6	38				
26	ORI2101839	SWW	76.9	39				
29	WB 1066CL	SWW	76.3	40				
7	GOETZE/SKILES BLEND	SWW	76.1	41				
4	ORSS-1757	SWW	74.5	42	53.6	28	45.1	22
38	OR2070608	SWW	73.4	43	56.5	25		
18	AP LEGACY	SWW	71.6	44	61.6	21	50.3	16
5	GOETZE	SWW	67.1	45	54.0	27	47.9	20
	Site Average		86.4		65.6		54.1	
	LSD (0.05)		10.1		6.3		4.3	
	CV (%)		6.0		7.7		8.1	

† 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 = 60.9 lbs/bu    5 Year Average Grain Protein = 8.7%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
34	ARS 97230-6C	Club	60.0	38.0	153.0	6.0
45	OR08047P94	SWW	58.0	38.3	151.7	6.4
43	OR2071073	SWW	58.9	37.0	150.0	6.0
44	OR2080641	SWW	59.4	38.0	150.3	6.3
11	IDO 663	SWW	60.1	39.0	146.7	6.4
42	OR2071628	SWW	59.4	38.5	147.0	6.3
1	STEPHENS*	SWW	60.5	38.0	147.5	6.8
41	OR2071071	SWW	57.9	38.5	149.0	5.7
16	WB JUNCTION (BZ6W02-616)	SWW	61.8	37.3	144.0	6.7
14	NSA 06-2153A	SWW	60.0	35.3	143.3	6.1
35	OR2040726 (MARY)	SWW	60.9	37.0	147.0	7.1
17	LEGION	SWW	59.2	41.0	149.7	6.6
40	OR2071029	SWW	57.5	37.5	150.5	5.3
8	BRUNDAGE 96	SWW	60.2	38.5	151.0	7.2
21	ORCF-101	SWW	60.0	39.3	149.7	6.9
22	ORCF-101R	SWW	60.2	40.3	148.0	6.5
2	MADSEN*	SWW	59.7	38.0	154.0	6.7
31	CARA	Club	58.5	40.0	154.5	6.2
33	ARS 98X402-1C	Club	58.9	40.0	153.0	6.0
20	SY OVATION (30PN-108#21)	SWW	60.6	39.0	147.3	6.6
27	UICF-BRUNDAGE	SWW	60.5	37.7	149.7	7.2
32	ARS 970042-1C	Club	58.5	40.0	152.0	6.2
39	OR2070870	SWW	59.7	38.0	150.0	6.5
6	SKILES	SWW	62.8	37.0	148.0	7.5
19	AP BADGER	SWW	58.1	37.0	148.0	5.7
15	WESTBRED 528	SWW	60.5	39.0	147.0	6.4
9	BRUNEAU	SWW	60.0	41.0	151.3	5.2
25	OR12101835	SWW	59.2	38.0	152.5	8.2
28	AP 700CL	SWW	60.8	41.3	148.7	6.7
30	CODA	Club	61.1	43.7	153.7	6.7
23	ORCF-102	SWW	59.9	39.0	151.7	6.7
13	WA 8092	SWW	58.7	37.7	156.7	7.0
36	OR2060323	SWW	57.7	34.5	154.5	6.1
24	ORCF-103	SWW	59.1	37.5	155.0	5.9
12	XERPHA	SWW	58.0	39.3	150.8	6.6
37	OR2060395	SWW	59.5	38.0	147.5	6.3
3	TUBBS 06*	SWW	58.8	40.0	149.3	6.0
10	ID 96-16702A	SWW	60.4	39.7	148.7	6.4
26	OR12101839	SWW	59.1	37.0	149.5	6.6
29	WB 1066CL	SWW	62.3	41.5	147.0	7.9
7	GOETZE/SKILES BLEND	SWW	60.3	39.5	147.0	6.8
4	ORSS-1757	SWW	59.8	41.0	148.0	6.4
38	OR2070608	SWW	58.7	35.5	151.5	6.1
18	AP LEGACY	SWW	56.9	37.3	149.7	5.6
5	GOETZE	SWW	59.3	35.5	145.5	7.0
	Site Average		59.6	38.8	149.6	6.5
	LSD (0.05)		0.9	3.3	1.6	1.4
	CV (%)		0.8	4.4	0.5	11.0

† 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.

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