



## 2011 OREGON SOFT WINTER ELITE YIELD TRIALS MORO



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 = 77.9 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
41	OR2071071	SWW	107.3	1	95.8	1		
16	WB JUNCTION (BZ6W02-616)	SWW	103.6	2	84.6	11		
42	OR2071628	SWW	102.7	3	92.2	2		
14	NSA 06-2153A	SWW	99.3	4				
6	SKILES	SWW	97.4	5	87.9	4	86.9	3
44	OR2080641	SWW	95.6	6				
43	OR2071073	SWW	94.8	7				
36	OR2060323	SWW	93.7	8				
34	ARS 97230-6C	Club	91.6	9				
39	OR2070870	SWW	91.3	10	86.0	7		
2	MADSEN*	SWW	91.2	11	79.9	20	80.7	12
37	OR2060395	SWW	90.9	12	85.7	8	86.9	4
40	OR2071029	SWW	90.1	13	90.2	3		
22	ORCF-101R	SWW	87.6	14	87.7	5	85.9	5
35	OR2040726 (MARY)	SWW	86.3	15	86.6	6	87.4	2
21	ORCF-101	SWW	86.0	16	83.4	13	82.5	10
4	ORSS-1757	SWW	85.4	17	78.2	22	79.1	15
45	OR08047P94	SWW	85.0	18				
15	WESTBRED 528	SWW	84.7	19	84.6	10	83.8	7
38	OR2070608	SWW	84.3	20	81.1	16		
28	AP 700CL	SWW	84.1	21	80.1	19	80.1	13
1	STEPHENS*	SWW	84.0	22	80.3	18	79.9	14
25	ORI2101835	SWW	83.7	23				
20	SY OVATION (30PN-108#21)	SWW	82.9	24				
31	CARA	Club	82.8	25	83.5	12	84.9	6
7	GOETZE/SKILES BLEND	SWW	82.8	26				
27	UICF-BRUNDAGE	SWW	82.7	27	85.5	9	87.8	1
11	IDO 663	SWW	82.6	28				
8	BRUNDAGE 96	SWW	79.7	29	81.1	15	82.9	8
12	XERPHA	SWW	79.0	30	82.5	14	82.6	9
23	ORCF-102	SWW	78.8	31	78.6	21	81.8	11
9	BRUNEAU	SWW	78.4	32	76.8	24	79.1	16
32	ARS 970042-1C	Club	76.3	33				
33	ARS 98X402-1C	Club	75.6	34				
10	ID 96-16702A	SWW	75.4	35				
19	AP BADGER	SWW	75.0	36	80.7	17		
17	LEGION	SWW	73.7	37	77.4	23	78.1	18
5	GOETZE	SWW	68.8	38	70.2	26	75.4	19
30	CODA	Club	67.5	39	68.5	28	73.2	21
29	WB 1066CL	SWW	67.2	40				
3	TUBBS 06*	SWW	66.0	41	69.0	27	74.5	20
26	ORI2101839	SWW	65.9	42				
13	WA 8092	SWW	63.9	43				
24	ORCF-103	SWW	60.2	44	71.3	25	78.6	17
18	AP LEGACY	SWW	51.8	45	62.7	29	67.9	22
	Site Average		82.3		81.0		80.8	
	LSD (0.05)		10.2		6.6		6.0	
	CV (%)		8.3		8.0		8.6	

<sup>†</sup> 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.

<sup>‡</sup> 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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High plot to plot variability reduced site quality index score.

5 Year Average Test Weight = 60.0 lbs/bu    5 Year Average Grain Protein = 8.8%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
41	OR2071071	SWW	58.5			8.1
16	WB JUNCTION (BZ6W02-616)	SWW	60.8			9.3
42	OR2071628	SWW	59.2			8.7
14	NSA 06-2153A	SWW	60.0			8.2
6	SKILES	SWW	61.0			11.3
44	OR2080641	SWW	58.2			9.1
43	OR2071073	SWW	59.3			9.2
36	OR2060323	SWW	58.5			8.9
34	ARS 97230-6C	Club	58.6			10.9
39	OR2070870	SWW	60.7			9.1
2	MADSEN*	SWW	60.9			9.4
37	OR2060395	SWW	59.9			9.9
40	OR2071029	SWW	58.8			8.3
22	ORCF-101R	SWW	60.3			10.2
35	OR2040726 (MARY)	SWW	60.6			8.7
21	ORCF-101	SWW	60.6			9.6
4	ORSS-1757	SWW	59.4			10.6
45	OR08047P94	SWW	58.3			11.3
15	WESTBRED 528	SWW	61.2			9.2
38	OR2070608	SWW	58.5			9.2
28	AP 700CL	SWW	61.3			8.7
1	STEPHENS*	SWW	59.8			9.8
25	ORI2101835	SWW	59.3			10.1
20	SY OVATION (30PN-108#21)	SWW	59.3			9.7
31	CARA	Club	57.0			9.4
7	GOETZE/SKILES BLEND	SWW	60.5			10.4
27	UICF-BRUNDAGE	SWW	60.0			8.9
11	IDO 663	SWW	60.1			10.1
8	BRUNDAGE 96	SWW	60.4			9.0
12	XERPHA	SWW	59.9			8.5
23	ORCF-102	SWW	59.9			9.5
9	BRUNEAU	SWW	58.6			9.0
32	ARS 970042-1C	Club	57.2			10.1
33	ARS 98X402-1C	Club	57.3			9.5
10	ID 96-16702A	SWW	60.3			9.5
19	AP BADGER	SWW	58.8			8.5
17	LEGION	SWW	57.5			9.7
5	GOETZE	SWW	59.6			10.1
30	CODA	Club	60.0			9.2
29	WB 1066CL	SWW	60.3			11.2
3	TUBBS 06*	SWW	59.3			8.7
26	ORI2101839	SWW	60.4			8.9
13	WA 8092	SWW	57.9			10.3
24	ORCF-103	SWW	60.3			8.4
18	AP LEGACY	SWW	59.2			8.8
	Site Average		59.5			9.4
	LSD (0.05)		1.3			1.4
	CV (%)		1.4			10.2

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