



## 2017 OREGON SOFT SPRING ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY (Irrigated)



Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality index score at this site.  
Data for 2015 and 2016 is not available for this site.

5 Year Average Yield = 76.9 bu/ac

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2017 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
12	WB 6341	SWS	MD	88.1	1				
16	14-SSW-1059	SWS		87.4	2				
18	14-FAC-2019	SWS		86.6	3				
1	DIVA	SWS	MD	83.9	4				
5	TEKOA (WA 8189)	SWS	MD	83.4	5				
17	14-FAC-2043	SWS		80.1	6				
6	MELBA	CLUB	MD	80.0	7				
15	14-SSW-1030	SWS		79.6	8				
3	SEAHAWK	SWS	MD	78.2	9				
8	YS 603	SWS		76.5	10				
2	LOUISE	SWS	MD	74.7	11				
7	SY SALTESE (SY 04PN3024-2)	SWS		72.0	12				
11	WB 6121	SWS		70.6	13				
9	YS 604	SWS		69.8	14				
14	WB 1035 CL+	SWS	UCS	69.6	15				
4	RYAN (WA 8214)	SWS	MD	69.4	16				
19	UI STONE	SWS		64.9	17				
13	WB 6430	SWS		62.9	18				
20	IDO 1403S	SWS		58.0	19				
	Site Average			75.7					
	LSD (0.05)			12.2					
	CV (%)			10.7					

<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 unpublishedable

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. Grain yields in bold met or exceeded the protein targets for their class.

\* Indicates check variety.

<sup>‡</sup> Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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5 Year Average Test Weight = 61.7 lbs/bu      5 Year Average Grain Protein = 11.9%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
12	WB 6341	SWS	63.4	30.8	159.3	9.1
16	14-SSW-1059	SWS	61.0	31.5	165.8	8.2
18	14-FAC-2019	SWS	62.7	33.5	163.0	8.5
1	DIVA	SWS	64.1	34.5	160.5	9.2
5	TEKOA (WA 8189)	SWS	65.5	33.5	165.3	8.4
17	14-FAC-2043	SWS	62.3	34.0	164.5	8.2
6	MELBA	CLUB	63.5	30.0	164.5	8.6
15	14-SSW-1030	SWS	61.7	33.8	166.3	9.0
3	SEAHAWK	SWS	63.7	32.3	165.3	9.2
8	YS 603	SWS	65.5	34.3	157.0	10.3
2	LOUISE	SWS	63.6	36.3	162.8	9.1
7	SY SALTESE (SY 04PN3024-2)	SWS	65.1	31.8	155.5	9.3
11	WB 6121	SWS	64.2	28.0	155.8	9.6
9	YS 604	SWS	63.7	29.5	162.3	9.4
14	WB 1035 CL+	SWS	64.1	31.3	157.0	10.3
4	RYAN (WA 8214)	SWS	63.5	31.3	153.8	9.1
19	UI STONE	SWS	63.5	29.3	157.0	9.0
13	WB 6430	SWS	63.4	27.8	157.0	9.5
20	IDO 1403S	SWS	63.8	25.8	157.5	10.9
	Site Average		63.6	31.7	160.6	9.2
	LSD (0.05)		0.7	2.7	2.9	0.8
	CV (%)		0.8	6.1	1.3	5.7

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