



2017 OREGON SOFT SPRING ELITE YIELD TRIALS MADRAS (Irrigated)



Site Quality Index[†] = 2
1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality index score at this site.

5 Year Average Yield = 112.2 bu/ac

Entry	Variety	Class	Quality Rating [¶]	2017 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
19	UI STONE	SWS		119.8	1	127.0	1	125.2	1
12	WB 6341	SWS	MD	108.2	2	118.7	2	112.3	2
16	14-SSW-1059	SWS		107.7	3	116.8	3		
9	YS 604	SWS		97.9	4				
18	14-FAC-2019	SWS		97.6	5				
15	14-SSW-1030	SWS		92.8	6	104.9	5		
13	WB 6430	SWS		92.0	7				
3	SEAHAWK	SWS	MD	91.4	8	106.3	4		
17	14-FAC-2043	SWS		88.6	9				
14	WB 1035 CL+	SWS	UCS	88.2	10	94.7	11		
7	SY SALTESE (SY 04PN3024-2)	SWS		86.3	11	101.8	7		
20	IDO 1403S	SWS		85.6	12				
11	WB 6121	SWS		85.5	13	99.9	9	107.7	3
2	LOUISE	SWS	MD	83.4	14	97.0	10		
8	YS 603	SWS		81.3	15				
4	RYAN (WA 8214)	SWS	MD	74.4	16	103.1	6	105.8	4
5	TEKOA (WA 8189)	SWS	MD	72.7	17	101.0	8	102.9	5
1	DIVA	SWS	MD	72.1	18	93.8	12	91.6	6
6	MELBA	CLUB	MD	66.6	19	88.0	13		
	Site Average			88.7		103.9		107.3	
	LSD (0.05)			14.6		11.4		7.8	
	CV (%)			9.8		9.5		7.8	

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

* Indicates check variety.

[¶] 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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Site Description: High plot to plot variability reduced site quality index score at this site.

5 Year Average Test Weight = 61.1 lbs/bu 5 Year Average Grain Protein = 11.6%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
19	UI STONE	SWS	63.0	34.8	10.5
12	WB 6341	SWS	62.5	32.8	9.8
16	14-SSW-1059	SWS	61.6	30.8	10.8
9	YS 604	SWS	62.1	33.0	10.4
18	14-FAC-2019	SWS	61.9	33.0	10.7
15	14-SSW-1030	SWS	61.0	34.0	10.2
13	WB 6430	SWS	62.8	27.8	10.5
3	SEAHAWK	SWS	63.1	30.8	10.4
17	14-FAC-2043	SWS	61.4	30.5	10.9
14	WB 1035 CL+	SWS	63.0	33.3	11.8
7	SY SALTESE (SY 04PN3024-2)	SWS	63.4	35.5	10.3
20	IDO 1403S	SWS	62.9	30.3	11.1
11	WB 6121	SWS	63.1	33.0	11.5
2	LOUISE	SWS	62.0	37.0	10.6
8	YS 603	SWS	63.8	33.0	11.3
4	RYAN (WA 8214)	SWS	62.6	32.3	10.8
5	TEKOA (WA 8189)	SWS	64.1	34.5	10.4
1	DIVA	SWS	63.2	34.5	10.5
6	MELBA	CLUB	63.7	30.0	10.5
	Site Average		62.7	32.8	10.7
	LSD (0.05)		0.6	3.4	0.8
	CV (%)		0.7	7.2	5.0

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