



2016 OREGON SOFT SPRING ELITE YIELD TRIALS MADRAS (Irrigated)



Site Quality Index[†] = 2.5

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 = 110.2 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2016 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield	Rank	Yield	Rank	Yield	Rank
				bu/ac		bu/ac		bu/ac	
16	12 SW 052	SWS		140.0	1	124.6	2		
15	UI STONE	SWS	MD	134.3	2	127.9	1	122.2	1
5	WA 8214	SWS		131.8	3	119.2	5		
12	WB 6341	SWS		129.3	4	114.4	7	116.1	3
6	WA 8189	SWS		129.3	5	118.1	6	114.6	4
10	YS 602	SWS		123.9	6				
19	14 SWW 1059	SWS		122.9	7				
4	SEAHAWK	SWS	MD	121.2	8				
18	14 SWW 1030	SWS		121.0	9				
17	12 SW 068	SWS		119.4	10	120.8	4		
11	WB 6121	SWS		119.2	11	122.5	3	118.1	2
9	SY 04PN3024-2	SWS		117.2	12				
1	DIVA	SWS	MD	115.5	13	99.9	10	106.5	6
14	ALTURAS	SWS	MD	111.6	14	101.3	9	103.9	7
2	LOUISE	SWS	MD	110.7	15				
7	MELBA	CLUB		109.4	16				
3	WHIT	SWS	MD	108.6	17	109.1	8	113.5	5
8	WA 8236 CL+	CLUB		108.1	18				
13	WB 1035 CL+	SWS	UCS	101.2	19				
	Site Average			119.7		115.4		113.3	
	LSD (0.05)			18.2		10.2		9.7	
	CV (%)			9.2		7.8		9.5	

[†] 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 unublishable
- 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 = 60.0 lbs/bu 5 Year Average Grain Protein = 12.0%

Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
16	12 SW 052	SWS		61.3	41.8	8.7
15	UI STONE	SWS		61.4	41.0	8.1
5	WA 8214	SWS		62.4	39.8	9.0
12	WB 6341	SWS		61.4	40.0	8.0
6	WA 8189	SWS		63.9	42.0	8.6
10	YS 602	SWS		61.8	36.8	9.3
19	14 SWW 1059	SWS		60.9	42.0	8.7
4	SEAHAWK	SWS		61.8	42.3	8.6
18	14 SWW 1030	SWS		60.4	40.5	8.4
17	12 SW 068	SWS		61.1	38.8	9.5
11	WB 6121	SWS		62.9	36.5	9.4
9	SY 04PN3024-2	SWS		63.3	41.5	8.7
1	DIVA	SWS		62.1	43.0	8.6
14	ALTURAS	SWS		61.3	39.5	8.8
2	LOUISE	SWS		61.4	44.3	9.3
7	MELBA	CLUB		61.7	38.0	8.4
3	WHIT	SWS		61.4	42.3	8.4
8	WA 8236 CL+	CLUB		62.3	41.8	9.7
13	WB 1035 CL+	SWS		61.5	38.8	9.6
	Site Average			61.8	40.6	8.8
	LSD (0.05)			1.3	2.6	NS
	CV (%)			1.2	4.4	8.0

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