



2016 OREGON SOFT SPRING ELITE YIELD TRIALS PENDLETON



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: No fungicides were applied at this site.

5 Year Average Yield = 53.8 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2016 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
4	SEAHAWK	SWS	MD	59.4	1				
11	WB 6121	SWS		56.5	2	60.0	1	53.8	1
5	WA 8214	SWS		56.0	3	58.6	2		
2	LOUISE	SWS	MD	54.2	4				
19	14 SWW 1059	SWS		51.8	5				
17	12 SW 068	SWS		51.6	6	55.1	3		
1	DIVA	SWS	MD	50.8	7	51.3	6	45.4	3
7	MELBA	CLUB		49.3	8				
18	14 SWW 1030	SWS		47.4	9				
9	SY 04PN3024-2	SWS		45.1	10				
3	WHIT	SWS	MD	44.6	11	52.9	5	48.0	2
16	12 SW 052	SWS		44.2	12	45.0	8		
12	WB 6341	SWS		42.9	13	53.8	4	44.2	4
6	WA 8189	SWS		40.8	14	49.4	7	40.5	5
8	WA 8236 CL+	CLUB		39.4	15				
13	WB 1035 CL+	SWS	UCS	34.2	16				
15	UI STONE	SWS	MD	29.4	17	41.8	9	35.9	6
10	YS 602	SWS		26.2	18				
14	ALTURAS	SWS	MD	21.3	19	32.4	10	29.7	7
	Site Average			44.5		49.9		42.3	
	LSD (0.05)			6.5		6.0		4.4	
	CV (%)			9.2		11.1		12.0	

[†] 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.

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: No fungicides were applied at this site.

5 Year Average Test Weight = 60.7 lbs/bu 5 Year Average Grain Protein = 13.0%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %	Stripe Rust 6/7/2016 % Severity
4	SEAHAWK	SWS	62.9	29.7	11.9	1.0
11	WB 6121	SWS	63.1	29.8	12.9	1.5
5	WA 8214	SWS	62.6	28.7	11.5	28.8
2	LOUISE	SWS	60.2	31.8	11.7	38.8
19	14 SSW 1059	SWS	59.7	28.5	13.8	21.3
17	12 SW 068	SWS	59.8	30.0	11.8	66.3
1	DIVA	SWS	61.5	31.3	11.6	31.3
7	MELBA	CLUB	61.8	28.0	12.9	16.3
18	14 SSW 1030	SWS	59.2	29.5	14.9	18.8
9	SY 04PN3024-2	SWS	61.0	32.5	11.7	32.5
3	WHIT	SWS	62.4	27.0	11.7	65.0
16	12 SW 052	SWS	60.3	27.8	12.9	23.8
12	WB 6341	SWS	61.9	27.5	10.5	78.8
6	WA 8189	SWS	62.2	30.3	12.0	4.3
8	WA 8236 CL+	CLUB	61.8	28.3	13.4	7.5
13	WB 1035 CL+	SWS	60.5	27.3	12.8	83.8
15	UI STONE	SWS	61.9	24.8	11.8	42.5
10	YS 602	SWS	60.9	27.0	12.1	65.0
14	ALTURAS	SWS	60.7	23.3	12.5	43.8
	Site Average		61.3	28.5	12.3	35.3
	LSD (0.05)		0.8	2.6	0.6	13.0
	CV (%)		1.0	6.2	3.4	26.0

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