



2018 OREGON SOFT SPRING YIELD TRIALS Pendleton (No-Till)



Site Quality Index† = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Field sufferend from severe infestation of Hessian fly.

Plots were not treated with fungicide.

There was no spring data from Pendleton in 2017. 2-year and 3-year averages use data from 2016 and 2015.

Entry	Variety	Class	Quality [¶]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
2	WB 6341	SWS	MD	51.8	1	47.4	5	53.1	2
13	14-FAC-2043	SWS		51.7	2				
7	Ryan	SWS	MD	51.0	3	53.5	2		
16	IDO01702S	SWS		48.8	4				
12	14-SSW-1059	SWS		48.8	5				
11	YS-603	SWS		48.7	6				
8	Seahawk	SWS	MD	47.7	7	53.6	1		
3	WB 6121	SWS	D	47.5	8	52.0	3	55.8	1
6	Louise	SWS	MD	44.5	9	49.4	4		
10	Tekoa	SWS	MD	43.4	10	42.1	6	46.0	3
4	WB 1035 CL+	SWS	UCS	42.0	11	38.1	7		
14	IDO01405S	SWS		30.7	12				
5	SY Saltese	SWS	MD	30.2	13	37.6	8		
1	UI Stone	SWS	MD	29.5	14	29.5	10	37.7	4
15	IDO01403S	SWS		27.4	15				
9	Melba	Club	MD	23.4	16	36.4	9		
	Site Average			41.5		43.9		48.2	
	LSD (0.05)			6.7					
	CV (%)			11.3					

†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.

* 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 Quality Index[†] = 2.5

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Site Description: Field suffered from severe infestation of Hessian fly.

Plots were not treated with fungicide.

Height data could not be collected due to Hessian fly damage.

Entry	Variety	Class		Test Weight lbs/bu	Protein %
2	WB 6341	SWS		61.8	8.3
13	14-FAC-2043	SWS		60.4	9.5
7	Ryan	SWS		62.1	8.4
16	IDO01702S	SWS		64.0	9.4
12	14-SSW-1059	SWS		60.3	9.3
11	YS-603	SWS		63.0	9.6
8	Seahawk	SWS		61.9	9.2
3	WB 6121	SWS		63.6	9.9
6	Louise	SWS		60.6	9.7
10	Tekoa	SWS		62.6	8.8
4	WB 1035 CL+	SWS		63.0	10.4
14	IDO01405S	SWS		60.7	10.2
5	SY Saltese	SWS		61.9	9.4
1	UI Stone	SWS		61.2	9.0
15	IDO01403S	SWS		61.9	10.8
9	Melba	Club		60.6	10.3
	Site Average			61.8	9.5
	LSD (0.05)			0.9	0.8
	CV (%)			1.0	6.0

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