



2016 OREGON WINTER BLEND YIELD TRIALS MILTON-FREEWATER (No-Till)



Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Site quality index reduced due to lower than average grain yields and test weights as well as excessive grain proteins likely due to drought/heat stress and high N fertility.

Long term data not available for this site.

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
6	LCS ARTDECO	SWW	A	107.7	1				
17	ROSALYN / LCS ARTDECO	SWW		103.4	2				
16	BOBTAIL / LCS ARTDECO	SWW		103.2	3				
20	WB 1604 / LCS ARTDECO	SWW		99.4	4				
19	WB 1529 / LCS ARTDECO	SWW		98.6	5				
18	SY OVATION / LCS ARTDECO	SWW		95.5	6				
2	ROSALYN	SWW	A	93.2	7				
7	BOBTAIL / ROSALYN	SWW		92.9	8				
11	BOBTAIL / WB 1604	SWW		89.5	9				
10	BOBTAIL / WB 1529	SWW		89.4	10				
1	BOBTAIL	SWW	MD	88.1	11				
9	ROSALYN / SY OVATION	SWW		87.6	12				
12	ROSALYN / WB 1529	SWW		87.5	13				
4	WB 1529	SWW		86.4	14				
15	SY OVATION / WB 1604	SWW		86.1	15				
8	BOBTAIL / SY OVATION	SWW		85.4	16				
3	SY OVATION	SWW	D	84.5	17				
5	WB 1604	SWW		83.5	18				
14	SY OVATION / WB 1529	SWW		82.8	19				
13	ROSALYN / WB 1604	SWW		82.6	20				
	Site Average			91.4					
	LSD (0.05)			8.3					
	CV (%)			6.4					

[†] 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.

[‡] Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; U = Unacceptable



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Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
6	LCS ARTDECO	SWW	56.4	33.8	12.4
17	ROSALYN / LCS ARTDECO	SWW	56.3	35.3	13.2
16	BOBTAIL / LCS ARTDECO	SWW	56.0	36.0	12.9
20	WB 1604 / LCS ARTDECO	SWW	55.6	35.3	13.7
19	WB 1529 / LCS ARTDECO	SWW	56.7	34.5	13.3
18	SY OVATION / LCS ARTDECO	SWW	56.5	33.0	13.6
2	ROSALYN	SWW	54.7	37.5	13.7
7	BOBTAIL / ROSALYN	SWW	54.3	36.0	14.4
11	BOBTAIL / WB 1604	SWW	54.8	36.8	15.1
10	BOBTAIL / WB 1529	SWW	56.3	35.3	14.1
1	BOBTAIL	SWW	53.5	37.5	14.8
9	ROSALYN / SY OVATION	SWW	56.1	37.5	14.7
12	ROSALYN / WB 1529	SWW	55.3	36.8	14.6
4	WB 1529	SWW	57.2	35.3	14.4
15	SY OVATION / WB 1604	SWW	55.0	35.3	14.9
8	BOBTAIL / SY OVATION	SWW	54.9	36.0	15.0
3	SY OVATION	SWW	56.9	33.8	14.8
5	WB 1604	SWW	53.8	34.5	15.8
14	SY OVATION / WB 1529	SWW	56.6	35.3	14.8
13	ROSALYN / WB 1604	SWW	53.9	36.8	15.3
	Site Average		55.5	35.6	14.3
	LSD (0.05)		1.5	2.7	0.9
	CV (%)		1.9	5.4	4.6

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