



## 2017 OREGON SOFT WINTER ELITE YIELD TRIALS MADRAS (Irrigated)



Site Quality Index<sup>†</sup> = 2  
1 = Poor 3 = Average 5 = Excellent

Site Description: Lower than average grain yields and high plot to plot variability reduced site quality score.  
Data for 2015 was not available at this site.

5 Year Average Yield = 133.8 bu/ac

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2017 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
28	SY DAYTON (SY 09PN062#18)	SWW		143.3	1	164.2	1		
6	BOBTAIL	SWW	MD	140.5	2	153.4	6		
18	LWW14-74143	SWW		139.3	3				
4	KASEBERG	SWW	MD	139.0	4	157.7	3		
16	LWW14-73163	SWW		135.0	5	157.5	4		
38	OR 2121252	SWW		133.4	6	152.7	8		
21	WB 1529	SWW	A	132.8	7	151.5	9		
23	LEGION	SWW	D	131.7	8				
34	WA 8206	SWW		130.4	9	148.3	12		
24	SY 107	SWW	LD	128.0	10	150.2	10		
15	LCS DRIVE (LWW12-7105)	SWW	D	127.0	11	143.5	20		
5	ROSALYN	SWW	A	125.4	12	159.1	2		
31	SY 05PN100-63	SWW		125.4	13				
3	MARY	SWW	D	125.1	14	146.5	14		
13	LCS ARTDECO	SWW	A	124.5	15	144.7	17		
17	LWW14-71195	SWW		123.3	16	144.4	18		
33	JASPER	SWW	MD	123.1	17	154.3	5		
12	UI SPARROW (IDO 1108)	SWW	D	121.3	18	146.0	16		
29	SY BANKS (SY 09PN005#25)	SWW		120.7	19	153.3	7		
26	SY ASSURE	SWW	A	120.7	20	133.7	26		
10	IDN 07-28017B	SWW		119.8	21	141.9	22		
37	OR 2121086	SWW		118.5	22	144.4	19		
32	SY 09PN008#72	SWW		117.9	23				
19	LWW14-72916	SWW		117.3	24				
27	SY COMMAND (SY 14PN066-7)	SWW		116.6	25	142.6	21		
36	WA 8234	SWW		116.2	26				
14	LCS BIANCOR	SWW		115.7	27	147.1	13		
11	IDN 09-08357A	SWW		114.6	28				
20	LWW14-73161	SWW		114.0	29				
30	SY RAPTOR (SY 09PN046#16)	SWW		113.7	30				
25	SY OVATION	SWW	D	113.6	31	149.3	11		
7	NORWEST TANDEM (LOR 334)	SWW		111.7	32				
9	IDN 02-29001A	SWW		111.5	33	146.4	15		
40	OR 2130485	SWW		111.3	34				
35	WA 8232	SWW		110.1	35	129.5	28		
2	TUBBS-06*	SWW	LD	109.1	36	135.0	25		
8	NORWEST DUET (LOR 092)	SWW	D	108.5	37	140.3	23		
39	OR 2121285	SWW		108.1	38				
1	STEPHENS*	SWW	D	106.5	39	131.2	27		
22	WB 1783 (EXP BZ6W09-471)	SWW		106.4	40	138.6	24		
	Site Average			121.6		146.7			
	LSD (0.05)			16.1		12.1			
	CV (%)			9.0		8.2			

<sup>†</sup> 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.

<sup>‡</sup> 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.

<sup>‡</sup> 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: Lower than average grain yields and high plot to plot variability reduced site quality score.**  
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5 Year Average Test Weight = 61.0 lbs/bu      5 Year Average Grain Protein = 8.6%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
28	SY DAYTON (SY 09PN062#18)	SWW	62.8	32.5	10.0
6	BOBTAIL	SWW	60.5	34.0	9.7
18	LWW14-74143	SWW	60.4	32.5	8.9
4	KASEBERG	SWW	61.7	33.5	9.5
16	LWW14-73163	SWW	62.5	34.8	10.0
38	OR 2121252	SWW	62.6	31.0	10.5
21	WB 1529	SWW	64.6	33.0	10.8
23	LEGION	SWW	62.4	36.0	10.3
34	WA 8206	SWW	64.1	34.0	10.6
24	SY 107	SWW	63.3	32.0	9.3
15	LCS DRIVE (LWW12-7105)	SWW	61.9	30.0	10.3
5	ROSALYN	SWW	61.5	33.8	9.5
31	SY 05PN100-63	SWW	62.3	34.0	9.9
3	MARY	SWW	63.0	32.5	9.4
13	LCS ARTDECO	SWW	62.7	29.3	10.4
17	LWW14-71195	SWW	61.1	32.5	10.0
33	JASPER	SWW	62.1	34.8	9.5
12	UI SPARROW (IDO 1108)	SWW	62.0	36.3	10.4
29	SY BANKS (SY 09PN005#25)	SWW	62.7	30.3	10.3
26	SY ASSURE	SWW	63.8	31.3	11.0
10	IDN 07-28017B	SWW	63.9	32.5	10.8
37	OR 2121086	SWW	63.5	31.8	11.1
32	SY 09PN008#72	SWW	63.8	33.0	10.7
19	LWW14-72916	SWW	63.9	27.0	10.0
27	SY COMMAND (SY 14PN066-7)	SWW	61.4	33.3	10.5
36	WA 8234	SWW	64.6	29.8	11.1
14	LCS BIANCOR	SWW	62.1	28.5	9.4
11	IDN 09-08357A	SWW	63.4	31.3	10.9
20	LWW14-73161	SWW	62.7	32.0	9.8
30	SY RAPTOR (SY 09PN046#16)	SWW	62.8	29.5	10.1
25	SY OVATION	SWW	63.1	30.8	10.5
7	NORWEST TANDEM (LOR 334)	SWW	63.1	27.3	10.6
9	IDN 02-29001A	SWW	64.1	31.3	10.4
40	OR 2130485	SWW	62.5	29.3	11.0
35	WA 8232	SWW	63.8	31.8	10.8
2	TUBBS-06*	SWW	62.5	34.3	10.3
8	NORWEST DUET (LOR 092)	SWW	62.9	35.5	10.2
39	OR 2121285	SWW	63.7	30.0	11.5
1	STEPHENS*	SWW	62.5	30.8	10.2
22	WB 1783 (EXP BZ6W09-471)	SWW	64.7	32.3	11.0
	Site Average		62.8	32.0	10.3
	LSD (0.05)		0.7	3.3	1.0
	CV (%)		0.8	7.3	7.1

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