2016 OREGON SOFT WINTER ELITE YIELD TRIALS
SOUTH WILLAMETTE VALLEY (Protected)

OSU Extension Cereals

Site Quality Index† = 4
1 = Poor 3 = Average 5 = Excellent

Site Description: Site received 4 oz/ac of Tilt on 3/17 and 12 oz/ac of Quilt Xcel on 4/21 to control foliar diseases.

5 Year Average Yield = 111.3 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	
13	LCS BIANCOR	SWW				137.4	1						
17	LWW 14-71195	SWW				134.9	2						
40	NORWEST DUET (LOR 092)	SWW				127.7	3						
12	LCS ARTDECO	SWW		A		127.4	4						
35	OR 2110526	SWW				126.5	5						
21	EXP BZ6W09-489	SWW				125.7	6						
36	OR 2121086	SWW				124.9	7						
14	LCS DRIVE	SWW				124.7	8						
26	SY 09 PN077-23 (EXP)	SWW				124.2	9						
30	WA 8232	SWW				123.3	10						
18	WB 1529	SWW				123.2	11						
4	KASEBERG	SWW		MD		122.6	12						
31	WA 8206	SWW				119.9	13						
24	SY ASSURE (SY 04 PN096-2)	SWW				119.4	14						
16	LWW 14-71032	SWW				118.5	15						
9	IDN 07-28017B	SWW				117.6	16						
22	SY 107	SWW		LD		117.3	17						
37	OR 2121252	SWW				116.7	18						
6	BOBTAIL	SWW		MD		115.8	19						
34	OR 2101043	SWW				114.9	20						
25	SY 04 PN066-7 (EXP)	SWW				113.8	21						
20	EXP BZ6W09-471	SWW				113.4	22						
5	ROSALYN	SWW		A		112.7	23						
11	IDO 1108	SWW				112.3	24						
10	IDN 06-18102A	SWW				112.2	25						
8	IDN 02-29001A	SWW				111.3	26						
38	LOR 833	SWW				109.4	27						
7	UI/WSU HUFFMAN	SWW		MD		107.9	28						
28	SY 09 PN005#25 (EXP)	SWW				107.8	29						
15	LWW 14-73163	SWW				107.0	30						
33	20060126-35C	Club				105.4	31						
3	MARY	SWW		D		105.1	32						
32	ARS 06134-57C	Club				105.0	33						
29	JASPER	SWW		MD		102.6	34						
2	TUBBS-06*	SWW		LD		102.3	35						
23	SY OVATION	SWW		D		102.2	36						
19	WB 1604	SWW				100.5	37						
1	STEPHENS*	SWW		D		100.5	38						
27	SY 09 PN062#18 (EXP)	SWW				98.1	39						
	Site Average					115.1							
	LSD (0.05)					11.2							
	CV (%)					6.9							

† 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.

* 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; U = Unacceptable

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5 Year Average Test Weight = 59.7 lbs/bu 5 Year Average Grain Protein = 9.0%

Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein
				lbs/bu	inches	DOY	%
13	LCS BIANCOR	SWW		56.2	36.8	125.0	9.0
17	LWW 14-71195	SWW		57.7	39.8	123.0	9.0
40	NORWEST DUET (LOR 092)	SWW		58.7	47.3	130.0	9.9
12	LCS ARTDECO	SWW		54.9	37.5	119.3	9.0
35	OR 2110526	SWW		58.9	42.0	123.0	9.7
21	EXP BZ6W09-489	SWW		59.6	39.8	131.5	9.5
36	OR 2121086	SWW		58.5	43.5	125.0	9.6
14	LCS DRIVE	SWW		55.4	35.3	121.8	9.6
26	SY 09 PN077-23 (EXP)	SWW		58.3	42.8	126.5	9.5
30	WA 8232	SWW		60.0	45.0	138.0	8.3
18	WB 1529	SWW		58.5	42.0	135.0	10.4
4	KASEBERG	SWW		55.9	39.8	128.5	9.5
31	WA 8206	SWW		59.8	45.0	134.5	10.1
24	SY ASSURE (SY 04 PN096-2)	SWW		57.0	42.0	130.0	10.7
16	LWW 14-71032	SWW		59.7	48.8	133.0	8.9
9	IDN 07-28017B	SWW		57.4	42.0	125.0	10.3
22	SY 107	SWW		55.9	42.8	135.5	10.0
37	OR 2121252	SWW		56.2	41.3	134.5	10.0
6	BOBTAIL	SWW		55.2	40.5	138.0	10.0
34	OR 2101043	SWW		57.4	43.5	135.5	9.3
25	SY 04 PN066-7 (EXP)	SWW		55.8	41.3	136.0	9.7
20	EXP BZ6W09-471	SWW		61.2	45.0	136.0	8.7
5	ROSALYN	SWW		55.9	42.8	137.5	9.4
11	IDO 1108	SWW		56.2	47.3	146.0	9.6
10	IDN 06-18102A	SWW		55.7	42.8	134.0	9.2
8	IDN 02-29001A	SWW		59.1	45.8	134.5	10.4
38	LOR 833	SWW		56.3	36.0	130.0	10.5
7	UI/WSU HUFFMAN	SWW		58.0	44.3	136.0	9.6
28	SY 09 PN005#25 (EXP)	SWW		55.8	42.0	136.5	10.5
15	LWW 14-73163	SWW		58.8	40.5	134.5	9.8
33	20060126-35C	Club		59.8	50.3	138.0	9.7
3	MARY	SWW		57.3	39.8	133.0	10.4
32	ARS 06134-57C	Club		56.5	39.8	138.0	9.4
29	JASPER	SWW		56.6	45.0	137.0	10.1
2	TUBBS-06*	SWW		56.8	47.3	135.0	10.1
23	SY OVATION	SWW		57.0	42.0	135.0	10.2
19	WB 1604	SWW		56.4	42.8	130.0	10.5
1	STEPHENS*	SWW		53.6	39.8	134.5	11.1
27	SY 09 PN062#18 (EXP)	SWW		56.4	39.8	136.5	9.6
	Site Average			57.3	42.3	132.6	9.8
	LSD (0.05)			1.3	2.2	1.4	1.2
	CV (%)			1.6	3.6	0.8	8.5

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