



2016 OREGON SOFT WINTER ELITE YIELD TRIALS HELIX (No-Till)



Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: New site for 2016.

Site quality index reduced due to high grain proteins likely due to drought/heat stress and/or 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
24	SY ASSURE (SY 04 PN096-2)	SWW		68.3	1				
34	OR 2101043	SWW		65.3	2				
23	SY OVATION	SWW	D	65.2	3				
27	SY 09 PN062#18 (EXP)	SWW		64.4	4				
22	SY 107	SWW	LD	64.3	5				
18	WB 1529	SWW		63.5	6				
12	LCS ARTDECO	SWW	A	63.2	7				
25	SY 04 PN066-7 (EXP)	SWW		63.1	8				
29	JASPER	SWW	MD	62.4	9				
5	ROSALYN	SWW	A	62.2	10				
3	MARY	SWW	D	61.2	11				
31	WA 8206	SWW		60.7	12				
20	EXP BZ6W09-471	SWW		60.6	13				
15	LWW 14-73163	SWW		60.2	14				
37	OR 2121252	SWW		59.1	15				
17	LWW 14-71195	SWW		59.0	16				
1	STEPHENS*	SWW	D	58.8	17				
30	WA 8232	SWW		58.5	18				
36	OR 2121086	SWW		58.0	19				
16	LWW 14-71032	SWW		57.9	20				
38	LOR 833	SWW		57.6	21				
6	BOBTAIL	SWW	MD	57.4	22				
40	NORWEST DUET (LOR 092)	SWW		57.2	23				
2	TUBBS-06*	SWW	LD	57.0	24				
11	UI SPARROW (IDO 1108)	SWW		56.2	25				
8	IDN 02-29001A	SWW		55.7	26				
14	LCS DRIVE	SWW		55.1	27				
13	LCS BIANCOR	SWW		55.0	28				
35	OR 2110526	SWW		54.9	29				
7	UI/WVSU HUFFMAN	SWW	MD	54.6	30				
28	SY 09 PN005#25 (EXP)	SWW		54.6	31				
21	EXP BZ6W09-489	SWW		54.0	32				
4	KASEBERG	SWW	MD	53.7	33				
19	WB 1604	SWW		53.5	34				
10	IDN 06-18102A	SWW		51.6	35				
32	ARS 06134-57C	Club		51.4	36				
26	SY 09 PN077-23 (EXP)	SWW		50.6	37				
9	IDN 07-28017B	SWW		50.1	38				
33	20060126-35C	Club		45.2	39				
	Site Average			58.1					
	LSD (0.05)			6.7					
	CV (%)			8.0					

[†] 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.

* 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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Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
24	SY ASSURE (SY 04 PN096-2)	SWW	61.7	31.0	130.0	12.3
34	OR 2101043	SWW	61.1	33.5	139.3	12.1
23	SY OVATION	SWW	61.5	31.3	140.3	11.8
27	SY 09 PN062#18 (EXP)	SWW	60.9	31.3	140.0	11.9
22	SY 107	SWW	61.7	32.0	139.3	11.9
18	WB 1529	SWW	62.8	31.3	138.8	12.7
12	LCS ARTDECO	SWW	59.0	29.0	131.0	11.0
25	SY 04 PN066-7 (EXP)	SWW	60.6	32.8	138.0	11.2
29	JASPER	SWW	60.3	31.3	140.8	12.3
5	ROSALYN	SWW	59.6	33.5	139.8	10.8
3	MARY	SWW	61.2	31.5	135.8	11.8
31	WA 8206	SWW	62.6	33.5	139.8	12.6
20	EXP BZ6W09-471	SWW	63.1	33.5	140.0	12.8
15	LWW 14-73163	SWW	61.5	31.0	140.5	12.4
37	OR 2121252	SWW	59.8	31.3	137.8	11.8
17	LWW 14-71195	SWW	59.6	30.0	130.8	11.9
1	STEPHENS*	SWW	59.8	30.3	133.0	12.0
30	WA 8232	SWW	61.4	32.5	138.0	11.8
36	OR 2121086	SWW	60.4	32.8	135.3	12.6
16	LWW 14-71032	SWW	61.3	36.5	137.0	11.6
38	LOR 833	SWW	61.2	31.5	130.5	12.8
6	BOBTAIL	SWW	59.6	32.3	139.0	11.1
40	NORWEST DUET (LOR 092)	SWW	61.0	35.0	137.5	12.8
2	TUBBS-06*	SWW	60.3	34.5	138.5	12.3
11	UI SPARROW (IDO 1108)	SWW	61.2	37.0	140.8	11.8
8	IDN 02-29001A	SWW	61.7	33.8	135.3	12.9
14	LCS DRIVE	SWW	60.0	25.5	130.0	11.8
13	LCS BIANCOR	SWW	60.0	28.3	131.8	11.4
35	OR 2110526	SWW	61.5	31.3	129.8	12.6
7	UI/WSU HUFFMAN	SWW	60.5	31.8	141.5	12.0
28	SY 09 PN005#25 (EXP)	SWW	60.3	34.3	140.8	11.9
21	EXP BZ6W09-489	SWW	61.6	30.8	138.8	13.0
4	KASEBERG	SWW	60.3	31.8	134.0	11.5
19	WB 1604	SWW	61.7	33.3	135.3	12.7
10	IDN 06-18102A	SWW	60.5	33.0	140.8	12.4
32	ARS 06134-57C	Club	60.5	26.8	138.5	11.6
26	SY 09 PN077-23 (EXP)	SWW	61.4	30.5	132.3	12.9
9	IDN 07-28017B	SWW	62.2	31.0	131.8	12.4
33	20060126-35C	Club	60.7	32.5	140.0	12.1
	Site Average		60.9	31.9	136.7	12.1
	LSD (0.05)		0.5	2.0	2.5	0.4
	CV (%)		0.6	4.5	1.3	2.2

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