2015 OREGON SPRING ELITE YIELD TRIALS
SOUTH WILLAMETTE VALLEY - PROTECTED (Irrigated)

OSU Extension Cereals

Site Quality Index† = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Foliar diseases were controlled with two fungicide applications.
Site received 14 oz/ac of Quilt Xcel on 4/27 and 5/22.
2-Year data from 2015 and 2013; 2014 data was not available for this site.
Long-term yield data not available for this site.

Entry	Variety	Class	2015 Yield Data‡		2-Year Yield Data		3-Year Yield Data	
			Yield	Rank	Yield	Rank	Yield	Rank
			bu/ac		bu/ac		bu/ac	
39	12 SW 052	SWS	115.5	1				
42	WB 6341	SWS	113.6	2	103.5	2		
38	12 SW 079	SWS	110.0	3				
43	UI STONE	SWS	108.9	4	96.8	3		
24	LCS STAR	HWS	108.0	5				
17	HRS 3504	HRS	106.6	6				
16	HRS 3419	HRS	104.9	7				
45	IDO 851	SWS	104.3	8	92.2	7		
33	ALTURAS	SWS	104.0	9	103.8	1		
25	12 SB 0146	HWS	99.5	10				
18	HRS 3530	HRS	98.8	11				
15	UC 1745	HRS	97.2	12				
19	HRS 3361	HRS	**96.2**	13				
44	M 12001	SWS	95.8	14				
22	DAYN	HWS	**95.6**	15	91.2	9		
36	WA 8214	SWS	94.9	16				
32	YS 601	HWS	**94.4**	17				
40	12 SW 068	SWS	94.3	18				
26	12 SB 0131	HWS	**94.3**	19				
41	WB 6121	SWS	93.8	20	86.2	12		
28	UC 12013-22	HWS	**92.9**	21	94.4	4		
4	SY 04W40292R	HRS	**92.2**	22				
23	LCS ATOMO	HWS	91.4	23				
10	WB 9229	HRS	91.0	24				
2	SY BULLSEYE	HRS	89.7	25	88.5	11		
35	WHIT	SWS	89.5	26	93.5	5		
6	11 SB 0096	HRS	89.0	27	84.6	14		
7	10 SB 0087-B	HRS	88.6	28				
9	WB 9668	HRS	**88.5**	29				
3	SY STEELHEAD	HRS	**87.7**	30	80.0	18		
27	CLEAR WHITE 515	HWS	**85.5**	31				
37	WA 8189	SWS	85.2	32	93.2	6		
8	WB 9518	HRS	84.7	33	84.8	13		
13	IDO 862 E	HRS	**84.5**	34	77.8	19		
12	UI WINCHESTER	HRS	84.5	35				
34	DIVA	SWS	83.7	36	91.5	8		
21	YS 802	HRS	**83.6**	37				
30	UI PLATINUM	HWS	**83.2**	38	88.6	10		
20	YS 801	HRS	**83.2**	39				
14	IDO 862 T	HRS	**83.0**	40	80.1	17		
29	UC 1744	HWS	**82.3**	41				
5	SY 3001-2	HRS	**82.0**	42				
11	JEFFERSON*	HRS	81.0	43	82.6	16		
31	IDO 1202 S	HWS	**78.2**	44	82.7	15		
1	WA 8217	HRS	73.3	45				
	Site Average		92.4		89.1			
	LSD (0.05)		12.3		10.0			
	CV (%)		9.3		11.0			

† 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. Grain yields in bold met or exceeded the protein targets for their class.

* Indicates check variety.

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Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein
				lbs/bu	inches	DOY	%
39	12 SW 052	SWS		62.3	35.9	152.0	11.3
42	WB 6341	SWS		62.3	35.9	148.0	10.9
38	12 SW 079	SWS		62.5	34.9	152.0	10.7
43	UI STONE	SWS		62.6	34.9	148.0	11.9
24	LCS STAR	HWS		63.3	32.5	148.0	11.5
17	HRS 3504	HRS		62.2	33.0	152.0	13.0
16	HRS 3419	HRS		63.1	34.9	152.0	12.3
45	IDO 851	SWS		62.9	35.4	151.0	11.1
33	ALTURAS	SWS		62.7	36.4	152.0	11.1
25	12 SB 0146	HWS		62.1	33.5	150.0	11.9
18	HRS 3530	HRS		63.5	41.8	152.0	13.3
15	UC 1745	HRS		64.1	31.5	152.0	12.2
19	HRS 3361	HRS		62.9	37.9	151.0	13.9
44	M 12001	SWS		62.5	34.9	152.0	11.6
22	DAYN	HWS		63.6	34.4	145.8	12.9
36	WA 8214	SWS		61.9	34.9	145.8	11.3
32	YS 601	HWS		63.7	33.0	NA	12.8
40	12 SW 068	SWS		60.4	34.9	149.0	12.6
26	12 SB 0131	HWS		62.1	33.5	150.0	12.9
41	WB 6121	SWS		62.7	33.5	147.3	12.6
28	UC 12013-22	HWS		60.7	32.5	151.0	13.1
4	SY 04W40292R	HRS		60.9	33.5	152.0	14.3
23	LCS ATOMO	HWS		62.7	27.1	145.0	12.2
10	WB 9229	HRS		63.0	28.5	151.0	13.4
2	SY BULLSEYE	HRS		64.9	31.5	148.0	12.6
35	WHIT	SWS		62.0	36.4	148.0	12.4
6	11 SB 0096	HRS		62.8	32.5	151.0	12.9
7	10 SB 0087-B	HRS		62.2	30.0	152.0	13.1
9	WB 9668	HRS		64.1	31.5	145.8	14.1
3	SY STEELHEAD	HRS		64.4	40.8	152.0	13.6
27	CLEAR WHITE 515	HWS		61.2	33.0	145.8	14.0
37	WA 8189	SWS		63.4	35.4	NA	10.7
8	WB 9518	HRS		62.0	30.5	148.0	13.3
13	IDO 862 E	HRS		62.6	34.4	145.0	14.0
12	UI WINCHESTER	HRS		63.3	34.4	145.8	13.3
34	DIVA	SWS		62.0	37.4	152.0	12.2
21	YS 802	HRS		63.4	40.8	145.0	13.9
30	UI PLATINUM	HWS		63.1	29.5	145.8	12.6
20	YS 801	HRS		64.2	34.9	NA	13.6
14	IDO 862 T	HRS		63.1	35.4	145.0	14.1
29	UC 1744	HWS		62.2	33.5	148.0	13.6
5	SY 3001-2	HRS		61.8	37.9	146.0	14.1
11	JEFFERSON*	HRS		62.2	35.9	147.3	12.9
31	IDO 1202 S	HWS		62.5	37.4	152.0	13.6
1	WA 8217	HRS		62.7	37.4	147.5	13.1
	Site Average			62.7	34.4	149.0	12.7
	LSD (0.05)			0.6	2.1	1.6	1.0
	CV (%)			0.7	4.3	0.7	5.7

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