



2011 OREGON HARD WINTER ELITE YIELD TRIALS LEXINGTON



Site Quality Index[†] = 3.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust reduced grain yields and test weights of susceptible varieties.
Insufficient nitrogen greatly reduced grain protein content and likely reduced grain yields.

5 Year Average Yield = 38.5 bu/ac

Entry	Variety	Class	2011 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
14	AZIMUT	HRW	93.6	1				
3	NORWEST 553	HRW	90.2	2	74.2	1	62.0	1
16	SINOPE	HRW	90.0	3	72.5	2	57.9	3
30	OR2090107H	HWW	88.9	4				
29	OR2090046H	HWW	88.3	5				
1	STEPHENS*	SWW	87.7	6	71.2	4	58.8	2
12	ML9W05-2501	HRW	85.7	7	68.4	7		
23	OR2080111H	HWW	85.1	8	71.9	3		
27	OR2080236H	HWW	84.1	9	71.1	5		
5	UI SILVER	HWW	83.8	10				
15	ILLIAS	HRW	81.7	11	68.9	6	56.8	4
25	OR2080227H	HWW	81.6	12	64.2	8		
18	GENESI	HRW	79.3	13				
28	OR2090026H	HWW	78.3	14				
22	OR2070174H	HWW	75.2	15	60.1	12		
24	OR2080156H	HWW	74.6	16	63.1	10		
17	ESPERIA	HRW	74.6	17	53.6	17		
2	TUBBS 06*	SWW	73.4	18	63.8	9	53.8	5
8	BAUERMEISTER	HRW	72.2	19	59.8	13	50.5	6
13	ALTIGO	HRW	71.4	20				
26	OR2080229H	HWW	70.8	21	57.2	16		
20	WHETSTONE	HRW	70.4	22	58.8	14	50.1	7
11	WB-TUCSON	HRW	70.2	23	63.0	11		
6	UI STAN	HRW	67.4	24				
9	FARNUM	HRW	65.9	25	57.2	15	47.9	8
4	UICF GRACE	HWW	64.2	26				
21	AP 503CL2	HRW	62.4	27				
7	UI LELAND	HRW	59.3	28				
10	WB-RIMROCK	HRW	56.9	29	53.1	18	46.2	9
19	AGRIPRO PALADIN	HRW	53.8	30	49.2	19	43.8	10
	Site Average		76.0		63.3		52.8	
	LSD (0.05)		9.5		6.4		4.5	
	CV (%)		8.9		9.4		9.6	

† 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:

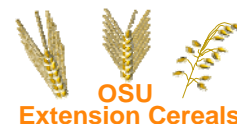
- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = 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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Site Description: Stripe rust reduced grain yields and test weights of susceptible varieties.
Insufficient nitrogen greatly reduced grain protein content and likely reduced grain yields.

5 Year Average Test Weight = 62.5 lbs/bu 5 Year Average Grain Protein = 10.0%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
14	AZIMUT	HRW	61.6	34.0	144.8	8.9
3	NORWEST 553	HRW	63.4	36.4	148.5	11.0
16	SINOPE	HRW	58.2	38.6	152.0	8.9
30	OR2090107H	HWW	61.2	40.7	152.8	9.1
29	OR2090046H	HWW	63.2	39.3	147.8	8.4
1	STEPHENS*	SWW	61.7	38.4	147.5	10.2
12	ML9W05-2501	HRW	62.9	43.0	148.5	10.1
23	OR2080111H	HWW	61.7	38.9	145.3	9.4
27	OR2080236H	HWW	62.2	39.8	155.3	10.4
5	UI SILVER	HWW	63.1	41.7	153.0	10.1
15	ILLIAS	HRW	59.3	39.3	156.0	9.3
25	OR2080227H	HWW	62.3	42.0	149.8	8.7
18	GENESI	HRW	63.7	34.7	143.8	11.3
28	OR2090026H	HWW	63.2	39.1	149.3	9.8
22	OR2070174H	HWW	61.9	41.8	152.8	10.2
24	OR2080156H	HWW	62.1	39.1	150.8	10.6
17	ESPERIA	HRW	63.6	32.5	141.5	9.8
2	TUBBS 06*	SWW	59.9	40.1	151.0	9.3
8	BAUERMEISTER	HRW	60.4	38.6	157.5	10.9
13	ALTIGO	HRW	59.7	34.6	148.0	10.0
26	OR2080229H	HWW	62.5	43.0	154.0	10.3
20	WHETSTONE	HRW	63.3	39.6	143.8	10.1
11	WB-TUCSON	HRW	63.1	39.6	149.3	9.5
6	UI STAN	HRW	60.2	46.8	152.5	9.9
9	FARNUM	HRW	60.0	43.7	158.5	10.1
4	UICF GRACE	HWW	61.1	47.4	149.8	11.6
21	AP 503CL2	HRW	63.6	35.6	145.0	12.5
7	UI LELAND	HRW	62.1	38.0	154.8	9.8
10	WB-RIMROCK	HRW	60.8	38.3	149.0	10.1
19	AGRIPRO PALADIN	HRW	61.6	36.8	148.8	10.0
	Site Average		61.8	39.4	150.0	10.0
	LSD (0.05)		1.2	1.9	1.3	1.5
	CV (%)		1.4	3.4	0.6	10.3

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