



2011 OREGON HARD WINTER ELITE YIELD TRIALS MORO-KASEBERG



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

Site Description: Stripe rust reduced grain yields and test weights of susceptible varieties.
Grain protein data indicate that site had insufficient nitrogen for hard wheat production.

5 Year Average Yield = 69.8 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	116.7	1				
25	OR2080227H	HWW	109.6	2	101.9	1		
16	SINOPE	HRW	106.1	3	101.6	2	83.3	2
3	NORWEST 553	HRW	103.6	4	99.9	3	87.0	1
15	ILLIAS	HRW	98.6	5	97.5	4	83.0	3
29	OR2090046H	HWW	97.4	6				
13	ALTIGO	HRW	95.2	7				
30	OR2090107H	HWW	95.0	8				
22	OR2070174H	HWW	94.8	9	93.4	5		
27	OR2080236H	HWW	93.7	10	90.0	7		
24	OR2080156H	HWW	92.2	11	91.7	6		
12	ML9W05-2501	HRW	89.8	12	89.3	8		
26	OR2080229H	HWW	86.1	13	82.6	13		
23	OR2080111H	HWW	85.8	14	89.3	9		
18	GENESI	HRW	83.8	15				
1	STEPHENS*	SWW	82.6	16	83.3	12	72.7	5
2	TUBBS 06*	SWW	81.2	17	83.8	10	73.9	4
9	FARNUM	HRW	79.2	18	73.8	17	62.8	9
28	OR2090026H	HWW	79.1	19				
5	UI SILVER	HWW	78.4	20				
6	UI STAN	HRW	77.1	21				
8	BAUERMEISTER	HRW	73.6	22	74.8	16	64.9	8
17	ESPERIA	HRW	73.3	23	83.6	11		
20	WHETSTONE	HRW	73.0	24	79.6	14	71.2	6
21	AP 503CL2	HRW	66.9	25				
10	WB-RIMROCK	HRW	63.5	26	72.4	18	68.2	7
11	WB-TUCSON	HRW	63.2	27	79.0	15		
7	UI LELAND	HRW	60.7	28				
4	UICF GRACE	HWW	59.1	29				
19	AGRIPRO PALADIN	HRW	50.8	30	63.3	19	60.0	10
	Site Average		84.0		85.8		72.7	
	LSD (0.05)		10.7		7.5		7.8	
	CV (%)		8.6		8.0		11.8	

[†] 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 unpublshable
- 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.
Grain protein data indicate that site had insufficient nitrogen for hard wheat production.**

5 Year Average Test Weight = 60.2 lbs/bu 5 Year Average Grain Protein = 10.5%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
14	AZIMUT	HRW	60.1	35.4		7.6
25	OR2080227H	HWW	63.3	40.8		7.7
16	SINOPE	HRW	59.4	37.4		7.6
3	NORWEST 553	HRW	62.5	35.4		8.6
15	ILLIAS	HRW	60.7	38.9		7.6
29	OR2090046H	HWW	61.8	39.9		6.8
13	ALTIGO	HRW	58.6	34.4		6.9
30	OR2090107H	HWW	59.5	38.9		6.5
22	OR2070174H	HWW	63.3	39.4		8.5
27	OR2080236H	HWW	62.9	38.4		7.9
24	OR2080156H	HWW	61.8	38.4		8.2
12	ML9W05-2501	HRW	62.4	47.2		8.6
26	OR2080229H	HWW	63.1	41.8		7.6
23	OR2080111H	HWW	60.3	36.9		7.9
18	GENESI	HRW	62.1	34.4		8.4
1	STEPHENS*	SWW	60.2	37.4		7.7
2	TUBBS 06*	SWW	59.2	38.7		7.3
9	FARNUM	HRW	60.5	43.3		7.9
28	OR2090026H	HWW	61.8	38.9		8.2
5	UI SILVER	HWW	62.1	40.8		8.0
6	UI STAN	HRW	61.2	44.8		7.7
8	BAUERMEISTER	HRW	61.0	37.9		7.3
17	ESPERIA	HRW	60.3	33.5		8.3
20	WHETSTONE	HRW	59.9	38.4		7.7
21	AP 503CL2	HRW	61.5	37.9		8.7
10	WB-RIMROCK	HRW	58.1	39.4		7.3
11	WB-TUCSON	HRW	61.7	36.7		8.2
7	UI LELAND	HRW	62.4	36.9		7.7
4	UICF GRACE	HWW	60.9	47.9		9.7
19	AGRIPRO PALADIN	HRW	60.6	35.4		7.4
	Site Average		61.1	38.8		7.8
	LSD (0.05)		1.5	3.1		1.0
	CV (%)		1.7	5.6		9.3

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