



2013 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON



Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Lodging combined with poor weed control and late season stripe rust led to higher than normal plot to plot variability at this site.
This site received 14 oz/acre of Quilt Xcel fungicide on 4/9.

5 Year Average Yield = 103.9 bu/ac

Entry	Variety	Class	2013 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
25	OR 2100081H	HWW	171.1	1				
1	SKILES*	SWW	157.8	2	105.5	12		
17	IDO 1101	HWW	156.9	3				
14	KELDIN	HRW	151.6	4	102.2	13		
21	OR 2080229H	HWW	151.2	5	126.8	2	129.9	2
20	OR 2080227H	HWW	151.2	6	124.2	5	128.7	3
24	OR 2100061H	HWW	151.2	7				
16	AP 503 CL2	HRW	148.5	8	113.8	9	99.6	10
6	IDO 816	HRW	147.4	9				
22	OR 2080236H	HWW	147.2	10	124.7	4	127.6	4
2	NORWEST 553	HRW	146.9	11	136.5	1	136.7	1
8	NSA 06-4663	HRW	146.3	12				
19	OR 2080156H	HWW	145.6	13	121.4	6	121.4	6
4	IDO 1102	HRW	142.2	14				
23	OR 2090107H	HWW	141.5	15	125.2	3	121.5	5
3	UI SRG	HRW	140.2	16	107.8	11	107.2	8
15	WHETSTONE	HRW	138.7	17	118.8	7	96.9	11
12	WB-RIMROCK	HRW	138.5	18	118.0	8	95.7	12
9	DAS 001	HRW	127.1	19				
10	DAS 002	HRW	124.2	20				
11	GENESIS	HRW	112.5	21				
13	WB-ARROWHEAD	HRW	107.6	22	100.7	14	107.2	9
7	AZIMUT	HRW	106.2	23	112.3	10	120.7	7
5	IDO 1103	HRW	99.1	24				
18	UI SILVER	HWW	93.6	25	77.9	15	83.1	13
	Site Average		137.5		114.3		113.4	
	LSD (0.05)		22.6		11.9		9.2	
	CV (%)		10.1		10.0		9.7	

[†] 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.



2013 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON



Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Lodging combined with poor weed control and late season stripe rust led to higher than normal plot to plot variability at this site.
This site received 14 oz/acre of Quilt Xcel fungicide on 4/9.

5 Year Average Test Weight = 61.6 lbs/bu 5 Year Average Grain Protein = 11.0%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein
			lbs/bu	inches	DOY	%	%
25	OR 2100081H	HWW	61.9	37.3	125.5	20.0	11.3
1	SKILES*	SWW	62.3	37.3	129.0	0.0	11.6
17	IDO 1101	HWW	63.3	39.0	127.5	40.0	12.1
14	KELDIN	HRW	63.4	38.0	125.0	20.0	10.5
21	OR 2080229H	HWW	63.6	40.3	128.0	33.3	10.1
20	OR 2080227H	HWW	61.3	36.7	125.3	48.3	10.8
24	OR 2100061H	HWW	60.8	37.0	124.5	20.0	11.2
16	AP 503 CL2	HRW	64.1	38.0	124.0	31.3	12.4
6	IDO 816	HRW	61.9	44.8	133.8	27.5	10.4
22	OR 2080236H	HWW	60.6	38.3	130.0	2.5	11.1
2	NORWEST 553	HRW	63.1	35.0	129.0	2.5	11.4
8	NSA 06-4663	HRW	62.0	35.0	125.0	15.0	10.6
19	OR 2080156H	HWW	62.8	39.0	127.0	1.3	11.7
4	IDO 1102	HRW	62.0	39.7	128.7	63.3	12.4
23	OR 2090107H	HWW	60.8	40.0	129.5	1.3	11.4
3	UI SRG	HRW	61.0	42.3	130.0	25.0	12.5
15	WHETSTONE	HRW	62.9	39.5	122.0	50.0	11.8
12	WB-RIMROCK	HRW	62.4	39.0	125.5	42.5	10.9
9	DAS 001	HRW	63.0	39.0	122.5	12.5	11.9
10	DAS 002	HRW	63.8	40.5	123.0	0.0	12.9
11	GENESIS	HRW	62.8	35.7	125.3	30.0	12.7
13	WB-ARROWHEAD	HRW	63.5	43.8	124.5	35.0	11.4
7	AZIMUT	HRW	60.7	33.3	124.5	0.0	10.7
5	IDO 1103	HRW	62.0	37.0	129.3	75.0	13.0
18	UI SILVER	HWW	61.9	40.5	131.3	76.3	11.9
	Site Average		62.3	38.7	126.8	25.7	11.5
	LSD (0.05)		1.0	3.5	1.9	26.8	1.3
	CV (%)		1.1	6.1	1.0	71.7	7.7

[†] 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.