



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Yield Summary



Entry	Variety	Class	Hermiston bu/ac	LaGrande bu/ac	Milton-Freewater bu/ac	Parma, ID bu/ac	Pendleton- Ruggs bu/ac	South Willamette Valley Protected bu/ac	6-Site Mean bu/ac	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
21	OR 2080229H	HWW	151.2	88.8	131.9	161.2	78.5	154.7	127.7	1
25	OR 2100081H	HWW	171.1	93.4	132.3	149.0	81.8	126.0	125.6	2
8	NSA 06-4663	HRW	146.3	103.7	119.0	152.2	76.1	156.0	125.6	3
20	OR 2080227H	HWW	151.2	86.3	132.9	153.6	84.4	142.9	125.2	4
14	KELDIN	HRW	151.6	100.4	122.3	154.0	68.7	140.3	122.9	5
7	AZIMUT	HRW	106.2	101.3	144.2	149.3	75.7	160.2	122.8	6
1	SKILES*	SWW	157.8	91.3	128.6	147.3	81.7	127.0	122.3	7
24	OR 2100061H	HWW	151.2	94.1	120.3	155.7	69.8	142.3	122.2	8
17	IDO 1101	HWW	156.9	91.0	120.5	143.4	77.8	141.8	121.9	9
19	OR 2080156H	HWW	145.6	87.2	135.2	137.3	77.6	134.5	119.6	10
12	WB-RIMROCK	HRW	138.5	93.2	117.2	140.7	79.7	147.9	119.5	11
2	NORWEST 553	HRW	146.9	95.3	115.4	139.3	77.6	125.7	116.7	12
11	GENESIS	HRW	112.5	103.3	114.8	148.9	79.4	139.3	116.4	13
23	OR 2090107H	HWW	141.5	86.3	103.2	145.7	69.4	128.6	112.5	14
13	WB-ARROWHEAD	HRW	107.6	93.8	122.6	143.2	68.2	136.2	111.9	15
16	AP 503 CL2	HRW	148.5	80.1	109.2	150.4	64.7	114.1	111.2	16
22	OR 2080236H	HWW	147.2	68.0	125.6	138.1	74.8	109.8	110.6	17
15	WHETSTONE	HRW	138.7	80.9	106.8	139.6	68.8	123.6	109.7	18
9	DAS 001	HRW	127.1	83.5	110.5	126.3	75.8	126.2	108.2	19
6	IDO 816	HRW	147.4	80.1	99.1	124.9	69.6	107.3	104.7	20
10	DAS 002	HRW	124.2	87.8	90.5	134.4	69.6	109.1	102.6	21
4	IDO 1102	HRW	142.2	82.0	102.7	142.9	59.3	81.9	101.8	22
3	UI SRG	HRW	140.2	76.6	85.1	141.9	68.5	93.6	101.0	23
5	IDO 1103	HRW	99.1	79.2	96.5	153.7	72.0	103.3	100.6	24
18	UI SILVER	HWW	93.6	85.9	95.7	134.4	65.9	101.4	96.1	25
	Site Average		137.5	88.5	115.0	144.3	73.4	127.5	114.4	
	LSD (0.05)		22.6	7.7	17.5	11.8	11.7	14.7		
	CV (%)		10.1	6.2	9.6	5.8	10.0	7.5		

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Test Weight Summary



Entry	Variety	Class	Hermiston lbs/bu	LaGrande lbs/bu	Milton-Freewater lbs/bu	Parma, ID lbs/bu	Pendleton- Ruggs lbs/bu	South Willamette Valley Protected lbs/bu	6-Site Mean lbs/bu	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
10	DAS 002	HRW	63.8	60.2	62.7	63.8	63.6	62.4	62.7	1
16	AP 503 CL2	HRW	64.1	60.8	61.1	64.1	64.0	61.7	62.6	2
14	KELDIN	HRW	63.4	60.3	61.4	62.7	63.7	62.4	62.3	3
13	WB-ARROWHEAD	HRW	63.5	59.9	61.8	62.8	62.8	63.0	62.3	4
17	IDO 1101	HWW	63.3	61.0	60.8	62.5	63.2	62.5	62.2	5
21	OR 2080229H	HWW	63.6	57.0	62.6	63.4	64.2	61.8	62.1	6
9	DAS 001	HRW	63.0	59.1	60.8	62.4	62.5	62.7	61.8	7
15	WHETSTONE	HRW	62.9	60.0	60.1	63.1	64.1	60.3	61.7	8
18	UI SILVER	HWW	61.9	59.7	60.6	62.8	64.0	61.3	61.7	9
11	GENESIS	HRW	62.8	60.1	61.6	60.0	62.8	62.4	61.6	10
2	NORWEST 553	HRW	63.1	60.0	61.1	61.7	63.1	60.2	61.5	11
19	OR 2080156H	HWW	62.8	57.6	61.7	62.5	63.4	60.9	61.5	12
5	IDO 1103	HRW	62.0	59.0	60.2	62.0	63.8	61.7	61.4	13
12	WB-RIMROCK	HRW	62.4	58.3	60.6	62.3	63.4	60.9	61.3	14
4	IDO 1102	HRW	62.0	58.4	59.7	62.5	63.8	60.8	61.2	15
1	SKILES*	SWW	62.3	57.2	60.9	61.6	63.1	60.6	61.0	16
20	OR 2080227H	HWW	61.3	54.5	61.6	63.2	63.8	60.5	60.8	17
25	OR 2100081H	HWW	61.9	58.4	60.0	60.7	63.0	60.5	60.7	18
6	IDO 816	HRW	61.9	58.1	59.6	61.5	63.7	59.3	60.7	19
3	UI SRG	HRW	61.0	57.1	58.8	61.9	63.6	60.0	60.4	20
24	OR 2100061H	HWW	60.8	56.9	60.2	61.2	62.5	60.1	60.3	21
22	OR 2080236H	HWW	60.6	54.7	60.2	61.8	63.2	59.4	60.0	22
8	NSA 06-4663	HRW	62.0	56.1	59.8	59.0	62.3	60.1	59.9	23
23	OR 2090107H	HWW	60.8	56.4	59.3	60.1	62.8	59.8	59.9	24
7	AZIMUT	HRW	60.7	53.6	58.5	58.0	62.0	56.6	58.2	25
	Site Average		62.3	58.2	60.6	61.9	63.3	60.8	61.2	
	LSD (0.05)		1.0	1.2	1.3	0.8	0.9	1.5		
	CV (%)		1.1	1.5	1.5	0.9	1.0	1.7		

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Protein Summary



Entry	Variety	Class	Hermiston %	LaGrande %	Milton-Freewater %	Parma, ID %	Pendleton- Ruggs %	South Willamette Valley Protected %	6-Site Mean %	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
10	DAS 002	HRW	12.9	16.8	10.4	10.9	10.4	12.6	12.3	1
15	WHESTONE	HRW	11.8	16.6	10.6	10.5	10.6	11.8	12.0	2
16	AP 503 CL2	HRW	12.4	16.3	10.3	10.2	10.5	12.0	11.9	3
3	UI SRG	HRW	12.5	15.7	11.0	10.8	10.2	11.2	11.9	4
4	IDO 1102	HRW	12.4	15.3	9.9	10.3	10.3	12.5	11.8	5
9	DAS 001	HRW	11.9	16.3	10.9	10.4	10.0	11.1	11.8	6
11	GENESIS	HRW	12.7	15.2	10.2	10.3	10.0	11.7	11.7	7
5	IDO 1103	HRW	13.0	15.9	9.2	10.6	10.4	10.9	11.7	8
19	OR 2080156H	HWW	11.7	16.6	9.5	10.3	10.6	11.3	11.7	9
2	NORWEST 553	HRW	11.4	14.6	10.5	10.9	10.7	11.8	11.6	10
1	SKILES*	SWW	11.6	16.0	9.9	10.9	10.3	11.1	11.6	11
22	OR 2080236H	HWW	11.1	17.0	9.9	10.3	10.3	10.7	11.5	12
25	OR 2100081H	HWW	11.3	15.5	9.9	10.8	10.1	11.5	11.5	13
17	IDO 1101	HWW	12.1	15.2	9.8	10.3	9.6	10.8	11.3	14
13	WB-ARROWHEAD	HRW	11.4	14.9	10.0	10.7	10.3	10.5	11.3	15
7	AZIMUT	HRW	10.7	15.5	9.6	9.9	9.7	12.2	11.3	16
18	UI SILVER	HWW	11.9	15.1	10.1	10.6	9.8	10.1	11.3	17
6	IDO 816	HRW	10.4	15.2	9.7	10.3	10.7	10.3	11.1	18
14	KELDIN	HRW	10.5	15.8	9.9	10.0	9.9	10.4	11.1	19
23	OR 2090107H	HWW	11.4	16.0	8.9	9.4	9.9	10.4	11.0	20
12	WB-RIMROCK	HRW	10.9	15.8	10.2	10.0	9.7	9.5	11.0	21
24	OR 2100061H	HWW	11.2	14.5	9.6	9.7	9.9	10.4	10.9	22
8	NSA 06-4663	HRW	10.6	14.9	8.9	9.9	9.6	10.5	10.7	23
20	OR 2080227H	HWW	10.8	15.5	8.1	9.3	9.6	10.3	10.6	24
21	OR 2080229H	HWW	10.1	15.1	9.0	10.1	9.4	10.0	10.6	25
	Site Average		11.5	15.6	9.9	10.3	10.1	11.0	11.4	
	LSD (0.05)		1.3	0.6	1.7	0.8	0.8	1.8		
	CV (%)		7.7	2.9	11.9	5.4	5.7	11.2		

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Plant Height Summary



Entry	Variety	Class	Hermiston inches	LaGrande inches	Milton-Freewater inches	Parma, ID inches	Pendleton- Ruggs inches	South Willamette Valley Protected inches	6-Site Mean inches	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
3	UI SRG	HRW	42.3	40.0	46.0	45.3	39.4	46.3	43.2	1
6	IDO 816	HRW	44.8	35.3	45.8	42.3	36.9	48.7	42.3	2
13	WB-ARROWHEAD	HRW	43.8	36.0	46.0	41.3	31.0	47.2	40.9	3
18	UI SILVER	HWW	40.5	36.0	43.3	41.3	35.9	43.8	40.1	4
21	OR 2080229H	HWW	40.3	35.0	43.0	38.9	33.5	46.3	39.5	5
10	DAS 002	HRW	40.5	37.0	43.3	39.4	31.5	44.8	39.4	6
23	OR 2090107H	HWW	40.0	32.8	43.3	40.4	33.5	45.8	39.3	7
15	WHETSTONE	HRW	39.5	35.8	41.5	37.9	30.5	46.3	38.6	8
12	WB-RIMROCK	HRW	39.0	34.8	42.8	37.9	33.0	43.3	38.4	9
19	OR 2080156H	HWW	39.0	35.5	43.8	37.9	32.0	42.3	38.4	10
14	KELDIN	HRW	38.0	34.3	43.0	38.4	32.0	44.3	38.3	11
4	IDO 1102	HRW	39.7	34.8	39.8	39.9	32.0	43.8	38.3	12
5	IDO 1103	HRW	37.0	33.0	43.3	41.8	32.5	42.3	38.3	13
20	OR 2080227H	HWW	36.7	32.8	42.5	38.9	34.0	43.8	38.1	14
9	DAS 001	HRW	39.0	38.3	41.3	38.4	30.5	40.8	38.0	15
22	OR 2080236H	HWW	38.3	29.8	42.3	37.9	30.5	44.8	37.2	16
1	SKILES*	SWW	37.3	32.8	39.8	38.4	32.0	42.8	37.2	17
24	OR 2100061H	HWW	37.0	33.5	42.0	35.9	31.5	42.3	37.0	18
25	OR 2100081H	HWW	37.3	32.8	41.3	37.9	31.0	39.9	36.7	19
16	AP 503 CL2	HRW	38.0	33.3	38.3	36.4	28.1	41.8	36.0	20
17	IDO 1101	HWW	39.0	33.3	38.8	33.0	30.0	39.9	35.6	21
2	NORWEST 553	HRW	35.0	32.0	36.5	33.0	29.5	39.4	34.2	22
11	GENESIS	HRW	35.7	33.0	36.0	31.5	25.1	39.4	33.4	23
8	NSA 06-4663	HRW	35.0	32.3	32.5	29.5	27.6	36.4	32.2	24
7	AZIMUT	HRW	33.3	32.5	32.3	30.0	25.1	36.4	31.6	25
	Site Average		38.7	34.2	41.1	37.7	31.5	42.9	37.7	
	LSD (0.05)		3.5	2.6	3.0	2.1	2.7	3.2		
	CV (%)		6.1	5.3	5.3	3.9	6.1	5.2		

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Hermiston DOY	LaGrande DOY	Milton-Freewater DOY	Parma, ID DOY	Pendleton- Ruggs DOY	South Willamette Valley Protected DOY	6-Site Mean DOY	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
6	IDO 816	HRW	133.8	134.5		146.0	141.0		138.8	1
22	OR 2080236H	HWW	130.0	136.0		147.0	141.0		138.5	2
1	SKILES*	SWW	129.0	136.0		146.0	140.0		137.8	3
23	OR 2090107H	HWW	129.5	136.0		143.3	141.0		137.5	4
18	UI SILVER	HWW	131.3	134.5		143.0	139.0		137.0	5
5	IDO 1103	HRW	129.3	137.5		142.5	138.0		136.8	6
3	UI SRG	HRW	130.0	136.5		140.5	140.0		136.8	7
21	OR 2080229H	HWW	128.0	135.0		142.3	139.0		136.1	8
25	OR 2100081H	HWW	125.5	140.8		140.3	137.0		135.9	9
19	OR 2080156H	HWW	127.0	137.0		140.5	139.0		135.9	10
2	NORWEST 553	HRW	129.0	137.0		140.3	137.0		135.8	11
4	IDO 1102	HRW	128.7	134.0		142.3	137.0		135.5	12
12	WB-RIMROCK	HRW	125.5	136.0		141.3	139.0		135.5	13
20	OR 2080227H	HWW	125.3	137.0		140.8	137.0		135.0	14
17	IDO 1101	HWW	127.5	134.5		140.3	137.0		134.8	15
8	NSA 06-4663	HRW	125.0	137.8		139.0	137.0		134.7	16
14	KELDIN	HRW	125.0	135.5		141.3	136.5		134.6	17
13	WB-ARROWHEAD	HRW	124.5	136.5		140.3	136.5		134.5	18
11	GENESIS	HRW	125.3	138.0		138.8	134.5		134.2	19
7	AZIMUT	HRW	124.5	138.8		137.8	135.5		134.1	20
24	OR 2100061H	HWW	124.5	134.5		139.8	137.0		134.0	21
10	DAS 002	HRW	123.0	137.0		138.8	134.3		133.3	22
15	WHETSTONE	HRW	122.0	136.3		137.3	135.0		132.6	23
9	DAS 001	HRW	122.5	135.5		138.5	133.5		132.5	24
16	AP 503 CL2	HRW	124.0	135.0		136.8	133.3		132.3	25
	Site Average		126.8	136.3		141.0	137.4		135.4	
	LSD (0.05)		1.9	3.8		2.7	1.9			
	CV (%)		1.0	2.0		1.4	1.0			

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.



2013 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Lodging Summary



Entry	Variety	Class	Hermiston %	LaGrande %	Milton-Freewater %	Parma, ID %	Pendleton- Ruggs %	South Willamette Valley Protected %	6-Site Mean %	6-Site Rank
			SQI = 2	SQI = 2	SQI = 2.5	SQI = 4	SQI = 2	SQI = 3		
18	UI SILVER	HWW	76.3		87.5	21.3		87.5	68.2	1
5	IDO 1103	HRW	75.0		62.5	35.0		76.3	62.2	2
4	IDO 1102	HRW	63.3		65.0	32.5		87.5	62.1	3
3	UI SRG	HRW	25.0		87.5	53.8		80.0	61.6	4
6	IDO 816	HRW	27.5		72.5	27.5		82.5	52.5	5
16	AP 503 CL2	HRW	31.3		55.0	15.0		32.5	33.5	6
9	DAS 001	HRW	12.5		52.5	10.0		57.5	33.1	7
17	IDO 1101	HWW	40.0		62.5	0.0		10.0	28.1	8
15	WHESTONE	HRW	50.0		45.0	0.0		8.8	25.9	9
12	WB-RIMROCK	HRW	42.5		45.0	7.5		5.0	25.0	10
20	OR 2080227H	HWW	48.3		38.8	0.0		1.3	22.1	11
13	WB-ARROWHEAD	HRW	35.0		30.0	0.0		5.0	17.5	12
21	OR 2080229H	HWW	33.3		20.0	0.0		10.0	15.8	13
11	GENESIS	HRW	30.0		25.0	0.0		7.5	15.6	14
10	DAS 002	HRW	0.0		45.0	0.0		16.3	15.3	15
14	KELDIN	HRW	20.0		37.5	1.3		0.0	14.7	16
8	NSA 06-4663	HRW	15.0		22.5	0.0		12.5	12.5	17
24	OR 2100061H	HWW	20.0		26.3	0.0		3.8	12.5	18
25	OR 2100081H	HWW	20.0		17.5	0.0		1.3	9.7	19
22	OR 2080236H	HWW	2.5		30.0	0.0		0.0	8.1	20
23	OR 2090107H	HWW	1.3		30.0	0.0		0.0	7.8	21
19	OR 2080156H	HWW	1.3		22.5	0.0		2.5	6.6	22
7	AZIMUT	HRW	0.0		10.0	0.0		7.5	4.4	23
1	SKILES*	SWW	0.0		15.0	0.0		0.0	3.8	24
2	NORWEST 553	HRW	2.5		0.0	0.0		5.0	1.9	25
	Site Average		25.7		40.2	8.2		24.0	24.5	
	LSD (0.05)		26.8		33.9	23.8		20.9		
	CV (%)		71.7		59.9	207.4		61.9		

* Indicates check variety.

† SQI is the Site Quality Index. The SQI is based on the relative performance of check varieties to historical means and the degree of variability found within each trial. See individual trials for more information.