



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Yield Summary



Entry	Variety	Class	Dayton, WA bu/ac	Hermiston bu/ac	LaGrande bu/ac	Pendleton-Ruggs bu/ac	South Willamette Valley bu/ac	Walla Walla, WA bu/ac	6-Site Mean bu/ac	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
5	NSA 10-2196	HRW	147.0	147.8	145.8	116.0	146.4	148.0	140.6	1
4	LCS JET	HRW	144.0	138.9	156.9	107.9	150.9	134.0	139.7	2
1	BOBTAIL*	SWW	137.0	153.9	159.6	110.5	125.1	133.0	137.2	3
6	LCS AYMERIC	HRW	143.0	150.0	128.2	110.6	142.0	126.0	134.8	4
30	OR 2130118H	HWW		136.1	139.0	113.1	135.0		130.8	5
28	OR 2111025	HWW		136.5	135.4	100.4	141.1		128.3	6
3	LCS EVINA	HRW	135.0	133.8	124.1	90.8	149.5	153.0	126.6	7
19	WA 8268	HRW	127.0	138.6	130.9	111.7	125.0	127.0	126.6	8
29	OR 2120276H	HWW		122.5	135.9	111.1	134.9		126.1	9
7	LWW14-73915	HRW	99.0	143.2	129.8	125.7	130.7	121.0	125.7	10
24	OR 2130021R	HRW	124.0	133.5	120.9	109.7	129.2	127.0	123.4	11
23	CO 12D1770	HRW	124.0	126.4	122.9	108.9	134.0	131.0	123.3	12
15	XA 4104	HRW	129.0	119.5	132.9	93.9	138.1	107.0	122.7	13
2	NORWEST 553*	HRW	120.0	133.1	132.4	103.5	123.8	139.0	122.6	14
10	REBELDE	HRW	132.0	124.2	126.8	108.4	119.4	100.0	122.2	15
20	WA 8269	HRW		138.1	127.6	101.5	118.7		121.5	16
16	WHETSTONE	HRW	134.0	115.3	130.5	94.2	132.8	146.0	121.4	17
27	OR 2110679	HWW		127.5	121.1	105.3	127.7		120.4	18
11	WB ARROWHEAD	HRW	130.0	123.0	123.6	104.3	120.7	119.0	120.3	19
9	METROPOLIS	HRW	127.0	118.6	126.8	100.3	126.6	131.0	119.9	20
17	SY TOUCHSTONE (04PN028B-3)	HRW	95.0	132.6	124.0	105.8	134.7	83.0	118.4	21
8	MANDALA	HRW	114.0	122.6	120.2	93.9	126.1	122.0	115.4	22
14	XA 4103	HRW	116.0	121.2	131.3	112.5	92.8	130.0	114.8	23
25	IDO 1506	HWW		127.0	123.8	101.9	92.5		111.3	24
26	CO 12D2011	HWW		107.5	117.6	107.2	112.6		111.2	25
12	KELDIN	HRW	101.0	112.9	133.4	80.2	109.1	107.0	107.3	26
13	WB 4623 CLP	HRW	107.0	106.0	114.2	90.5	112.6	144.0	106.1	27
18	CLEARSTONE CL2	HRW	136.0	108.0	86.1	93.0	106.1	150.0	105.8	28
21	BRAWL CL+	HRW		87.1	99.6	54.9	126.3		92.0	29
22	DENALI	HRW		75.7	113.9	33.8	87.6		77.7	30
	Site Average		124.0	126.0	126.9	100.1	125.6	128.0	120.5	
	LSD (0.05)		10.0	12.6	16.2	8.2	11.7	10.0		
	CV (%)		5.0	6.9	8.2	5.9	6.3	5.0		

* 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.



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Test Weight Summary



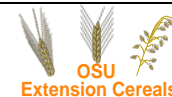
Entry	Variety	Class	Dayton, WA lbs/bu	Hermiston lbs/bu	LaGrande lbs/bu	Pendleton-Ruggs lbs/bu	South Willamette Valley lbs/bu	Walla Walla, WA lbs/bu	6-Site Mean lbs/bu	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
26	CO 12D2011	HWW		62.3	65.9	65.4	64.6		64.6	1
23	CO 12D1770	HRW	63.9	64.4	64.4	64.2	63.8	64.0	64.1	2
15	XA 4104	HRW	64.4	63.0	64.6	63.9	64.3	62.6	64.0	3
13	WB 4623 CLP	HRW	65.4	64.1	63.3	62.8	64.2	65.8	64.0	4
14	XA 4103	HRW	64.3	62.9	65.0	64.5	62.9	65.0	63.9	5
11	WB ARROWHEAD	HRW	64.4	64.4	63.6	62.6	63.4	63.3	63.6	6
30	OR 2130118H	HWW		63.1	64.4	62.7	64.4		63.6	7
12	KELDIN	HRW	64.0	64.3	63.2	62.2	63.3	63.3	63.4	8
8	MANDALA	HRW	64.6	62.9	62.5	62.9	64.0	64.0	63.4	9
9	METROPOLIS	HRW	65.0	64.2	62.3	62.2	62.3	65.4	63.2	10
16	WHETSTONE	HRW	64.0	63.2	63.4	61.9	63.3	64.6	63.2	11
10	REBELDE	HRW	63.4	62.7	63.6	63.3	62.7	62.2	63.1	12
17	SY TOUCHSTONE (04PN028B-3)	HRW	63.7	63.7	63.3	61.5	63.1	61.6	63.1	13
2	NORWEST 553*	HRW	63.8	63.4	62.7	61.1	62.8	63.8	62.7	14
22	DENALI	HRW		61.6	63.7	63.3	62.4		62.7	15
28	OR 2111025	HWW		62.8	63.1	61.2	63.9		62.7	16
21	BRAWL CL+	HRW		61.8	64.6	61.1	63.1		62.6	17
29	OR 2120276H	HWW		62.0	63.1	61.9	63.0		62.5	18
4	LCS JET	HRW	62.5	63.1	61.4	61.2	62.7	62.2	62.2	19
18	CLEARSTONE CL2	HRW	63.6	62.9	61.5	60.6	61.9	64.0	62.1	20
24	OR 2130021R	HRW	63.4	61.0	61.8	60.9	61.6	62.8	61.7	21
7	LWW14-73915	HRW	64.8	61.5	60.4	61.2	60.4	64.3	61.7	22
19	WA 8268	HRW	61.6	62.5	61.9	60.0	62.2	62.0	61.6	23
27	OR 2110679	HWW		62.4	61.8	59.5	61.9		61.4	24
25	IDO 1506	HWW		61.8	61.8	61.6	58.9		61.0	25
3	LCS EVINA	HRW	63.7	62.6	59.4	57.3	61.6	64.7	60.9	26
5	NSA 10-2196	HRW	62.0	62.4	60.4	58.5	60.3	62.9	60.7	27
6	LCS AYMERIC	HRW	63.6	62.7	58.6	56.8	60.3	63.0	60.4	28
1	BOBTAIL*	SWW	64.1	64.0	57.2	54.8	59.2	64.6	59.9	29
20	WA 8269	HRW		62.0	55.9	54.8	59.0		57.9	30
	Site Average		63.8	62.8	62.3	61.2	62.4	63.6	62.5	
	LSD (0.05)		1.2	1.7	1.4	1.4	1.2	0.8		
	CV (%)		1.0	1.8	1.6	1.7	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.



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Protein Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			%	%	%	%	%	%	%	
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
3	LCS EVINA	HRW	11.0	10.8	13.4	16.4	12.8	12.1	12.9	1
9	METROPOLIS	HRW	12.2	11.6	12.9	13.4	13.0	13.9	12.6	2
10	REBELDE	HRW	11.7	10.7	13.2	14.2	13.2	13.2	12.6	3
21	BRAWL CL+	HRW		11.9	12.6	12.3	13.2		12.5	4
13	WB 4623 CLP	HRW	11.5	10.8	13.6	14.2	12.3	12.1	12.5	5
2	NORWEST 553*	HRW	11.2	11.7	12.1	13.6	11.6	12.9	12.0	6
27	OR 2110679	HWW		11.7	11.8	13.4	11.0		12.0	7
8	MANDALA	HRW	11.3	10.6	12.9	13.8	11.3	13.7	12.0	8
24	OR 2130021R	HRW	10.8	10.6	12.9	13.6	11.7	12.6	11.9	9
7	LWW14-73915	HRW	11.4	10.3	11.8	13.0	12.6	12.6	11.8	10
17	SY TOUCHSTONE (04PN028B-3)	HRW	11.1	11.1	12.5	13.3	11.1	13.9	11.8	11
16	WHETSTONE	HRW	11.6	12.0	12.3	12.5	10.7	12.5	11.8	12
12	KELDIN	HRW	12.5	11.4	11.8	12.3	10.7	14.7	11.8	13
18	CLEARSTONE CL2	HRW	10.9	10.6	12.6	12.9	11.5	12.6	11.7	14
29	OR 2120276H	HWW		10.5	12.1	13.1	11.1		11.7	15
25	IDO 1506	HWW		9.9	11.4	12.3	13.0		11.6	16
30	OR 2130118H	HWW		10.2	11.9	13.3	11.1		11.6	17
26	CO 12D2011	HWW		11.0	12.0	12.2	11.1		11.6	18
1	BOBTAIL*	SWW	11.3	11.9	11.0	13.5	10.0	12.5	11.6	19
23	CO 12D1770	HRW	10.5	11.2	11.9	12.5	11.7	12.3	11.5	20
20	WA 8269	HRW		9.9	11.8	13.4	11.0		11.5	21
28	OR 2111025	HWW		10.4	11.4	13.4	10.9		11.5	22
15	XA 4104	HRW	11.3	10.0	12.2	12.3	11.7	13.3	11.5	23
14	XA 4103	HRW	11.6	10.6	11.9	12.1	10.5	13.1	11.3	24
11	WB ARROWHEAD	HRW	10.0	10.9	11.6	12.6	11.3	13.0	11.3	25
19	WA 8268	HRW	10.8	10.4	11.6	12.9	10.6	12.8	11.3	26
4	LCS JET	HRW	9.9	10.4	11.4	13.2	11.4	11.8	11.3	27
22	DENALI	HRW		10.9	10.3	11.4	11.6		11.0	28
6	LCS AYMERIC	HRW	10.6	10.7	10.7	12.5	10.6	12.4	11.0	29
5	NSA 10-2196	HRW	9.7	10.1	11.1	12.8	11.0	11.1	10.9	30
	Site Average		11.1	10.8	12.0	13.1	11.5	12.8	11.7	
	LSD (0.05)		0.8	1.3	0.6	0.8	1.4	0.5		
	CV (%)		5.0	7.8	3.8	4.2	8.5	3.0		

* 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.



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Plant Height Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			inches	inches	inches	inches	inches	inches	%	
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
11	WB ARROWHEAD	HRW	43.0	43.5	38.0	37.5	48.8	36.0	42.2	1
3	LCS EVINA	HRW	39.0	39.8	38.3	40.3	51.0	37.0	41.7	2
18	CLEARSTONE CL2	HRW	38.0	44.0	37.5	39.3	49.0	37.0	41.6	3
8	MANDALA	HRW	39.0	41.8	36.0	38.3	48.8	34.0	40.8	4
13	WB 4623 CLP	HRW	43.0	40.3	33.8	38.0	47.8	39.0	40.6	5
28	OR 2111025	HWW		39.5	35.8	35.3	48.5		39.8	6
16	WHETSTONE	HRW	39.0	39.3	34.8	35.8	47.3	36.0	39.2	7
12	KELDIN	HRW	43.0	39.8	34.3	35.3	42.3	40.0	38.9	8
29	OR 2120276H	HWW		38.8	34.5	34.0	47.8		38.8	9
7	LWW14-73915	HRW	44.0	36.5	33.0	35.8	43.8	37.0	38.6	10
21	BRAWL CL+	HRW		40.3	33.3	33.3	47.5		38.6	11
14	XA 4103	HRW	41.0	39.0	32.5	34.8	43.3	35.0	38.1	12
23	CO 12D1770	HRW	40.0	40.0	33.5	32.3	44.5	36.0	38.1	13
26	CO 12D2011	HWW		40.8	32.8	34.5	43.8		37.9	14
27	OR 2110679	HWW		38.0	34.0	35.3	44.0		37.8	15
1	BOBTAIL*	SWW	38.0	37.8	34.3	35.0	43.5	34.0	37.7	16
15	XA 4104	HRW	44.0	37.5	33.0	31.0	41.3	37.0	37.4	17
30	OR 2130118H	HWW		36.8	33.0	35.0	43.8		37.1	18
17	SY TOUCHSTONE (04PN028B-3)	HRW	47.0	34.8	31.8	31.5	39.5	42.0	36.9	19
2	NORWEST 553*	HRW	46.0	35.8	30.8	30.8	40.3	40.0	36.7	20
4	LCS JET	HRW	37.0	37.0	31.3	34.0	42.8	32.0	36.4	21
22	DENALI	HRW		40.3	36.0	26.3	43.0		36.4	22
10	REBELDE	HRW	47.0	36.3	30.8	30.3	37.5	39.0	36.4	23
9	METROPOLIS	HRW	37.0	39.8	31.3	31.3	42.0	35.0	36.3	24
24	OR 2130021R	HRW	31.0	37.5	32.5	34.8	44.3	30.0	36.0	25
19	WA 8268	HRW	37.0	36.3	31.3	32.0	41.0	34.0	35.5	26
5	NSA 10-2196	HRW	36.0	37.0	32.3	32.3	39.0	34.0	35.3	27
6	LCS AYMERIC	HRW	41.0	35.0	28.8	29.8	39.3	33.0	34.8	28
20	WA 8269	HRW		35.5	32.0	31.5	38.5		34.4	29
25	IDO 1506	HWW		31.0	25.8	24.5	35.3		29.1	30
Site Average			41.0	38.3	33.2	33.6	43.6	36.0	37.9	
LSD (0.05)			2.0	2.6	2.8	1.9	3.6	3.0		
CV (%)			3.0	4.9	6.1	4.1	5.9	5.0		

* 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.



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Dayton, WA DOY	Hermiston DOY	LaGrande DOY	Pendleton-Ruggs DOY	South Willamette Valley DOY	Walla Walla, WA DOY	6-Site Mean DOY	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
3	LCS EVINA	HRW				156.0	146.8	140.0	151.4	1
20	WA 8269	HRW				153.0	145.3		149.1	2
1	BOBTAIL*	SWW				153.0	144.0	142.0	148.5	3
8	MANDALA	HRW				151.0	144.8	140.0	147.9	4
19	WA 8268	HRW				150.5	144.0	145.0	147.3	5
18	CLEARSTONE CL2	HRW				150.0	143.5	143.0	146.8	6
24	OR 2130021R	HRW				150.5	143.0	141.0	146.8	7
28	OR 2111025	HWW				150.5	142.5		146.5	8
2	NORWEST 553*	HRW				150.0	142.5	145.0	146.3	9
17	SY TOUCHSTONE (04PN028B-3)	HRW				150.0	142.0	142.0	146.0	10
27	OR 2110679	HWW				150.0	142.0		146.0	11
30	OR 2130118H	HWW				149.3	142.5		145.9	12
13	WB 4623 CLP	HRW				149.5	142.0	137.0	145.8	13
12	KELDIN	HRW				150.0	140.5	142.0	145.3	14
16	WHETSTONE	HRW				148.3	139.0	142.0	143.6	15
22	DENALI	HRW				150.5	136.3		143.4	16
11	WB ARROWHEAD	HRW				147.3	139.0	142.0	143.1	17
29	OR 2120276H	HWW				147.3	139.0		143.1	18
4	LCS JET	HRW				146.8	139.0	139.0	142.9	19
6	LCS AYMERIC	HRW				149.0	136.8	140.0	142.9	20
25	IDO 1506	HWW				146.8	139.0		142.9	21
23	CO 12D1770	HRW				146.5	138.3	143.0	142.4	22
10	REBELDE	HRW				144.0	136.5	141.0	140.3	23
26	CO 12D2011	HWW				144.5	132.5		138.5	24
5	NSA 10-2196	HRW				145.0	130.5	141.0	137.8	25
7	LWW14-73915	HRW				143.5	131.0	146.0	137.3	26
15	XA 4104	HRW				143.0	130.5	140.0	136.8	27
9	METROPOLIS	HRW				143.3	130.0	139.0	136.6	28
21	BRAWL CL+	HRW				141.0	130.0		135.5	29
14	XA 4103	HRW				142.0	128.0	139.0	135.0	30
	Site Average					148.1	138.7	141.0	143.4	
	LSD (0.05)					1.3	2.7	1.0		
	CV (%)					0.6	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.



2017 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Lodging Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			%	%	%	%	%	%	%	
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
26	CO 12D2011	HWW		56.3			81.3		68.8	1
18	CLEARSTONE CL2	HRW		20.0			75.0	20.0	47.5	2
22	DENALI	HRW		5.0			88.8		46.9	3
12	KELDIN	HRW		2.5			67.5	95.0	35.0	4
13	WB 4623 CLP	HRW		52.5			7.5	27.0	30.0	5
21	BRAWL CL+	HRW		0.0			60.0		30.0	6
9	METROPOLIS	HRW		3.8			50.0	2.0	26.9	7
23	CO 12D1770	HRW		12.5			41.3	97.0	26.9	8
11	WB ARROWHEAD	HRW		10.0			18.8	100.0	14.4	9
15	XA 4104	HRW		1.3			17.5	100.0	9.4	10
20	WA 8269	HRW		0.0			16.3		8.1	11
1	BOBTAIL*	SWW		5.0			0.0	47.0	2.5	12
8	MANDALA	HRW		3.8			0.0	100.0	1.9	13
24	OR 2130021R	HRW		2.5			0.0	37.0	1.3	14
2	NORWEST 553*	HRW		0.0			0.0	47.0	0.0	15
3	LCS EVINA	HRW		0.0			0.0	12.0	0.0	16
4	LCS JET	HRW		0.0			0.0	97.0	0.0	17
5	NSA 10-2196	HRW		0.0			0.0	28.0	0.0	18
6	LCS AYMERIC	HRW		0.0			0.0	100.0	0.0	19
7	LWW14-73915	HRW		0.0			0.0	100.0	0.0	20
10	REBELDE	HRW		0.0			0.0	100.0	0.0	21
14	XA 4103	HRW		0.0			0.0	95.0	0.0	22
16	WHETSTONE	HRW		0.0			0.0	0.0	0.0	23
17	SY TOUCHSTONE (04PN028B-3)	HRW		0.0			0.0	100.0	0.0	24
19	WA 8268	HRW		0.0			0.0	20.0	0.0	25
25	IDO 1506	HWW		0.0			0.0		0.0	26
27	OR 2110679	HWW		0.0			0.0		0.0	27
28	OR 2111025	HWW		0.0			0.0		0.0	28
29	OR 2120276H	HWW		0.0			0.0		0.0	29
30	OR 2130118H	HWW		0.0			0.0		0.0	30
	Site Average			5.8			17.5	64.0	11.7	
	LSD (0.05)			12.6			18.7	25.0		
	CV (%)			153.1			76.2	29.0		

* 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.