



2016 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	Milton-Freewater bu/ac	Pendleton-Ruggs bu/ac	South Willamette Valley bu/ac	6-Site Mean bu/ac	6-Site Rank
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
1	BOBTAIL*	SWW	180.7	133.9	109.9	84.4	131.7	106.9	124.6	1
7	NSA 10-2196	HRW	169.1	130.0	101.5	96.4	112.0	137.1	124.4	2
6	LCS JET	HRW	171.8	125.9	91.0	94.4	102.1	141.8	121.1	3
8	LCS AYMERIC	HRW	164.5	115.9	109.3	91.3	120.8	123.8	120.9	4
3	LCS AZIMUT	HRW	144.9	127.6	107.0	95.5	121.5	128.6	120.8	5
4	LCS COLONIA	HRW	158.6	119.3	98.3	73.9	117.5	138.6	117.7	6
9	NSA 11-8010	HRW	161.5	106.3	90.0	112.9	105.7	128.4	117.5	7
17	WA 8248	HRW	156.7	117.4	107.8	85.4	106.6	123.7	116.3	8
18	WA 8249	HRW	148.7	104.3	103.4	85.6	99.6	135.6	112.9	9
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	155.3	103.7	99.3	79.1	114.7	119.4	111.9	10
29	OR 2120276H	HWW	152.9	107.6	94.0	91.5	111.0	110.2	111.2	11
22	OR 2120012R	HRW	148.7	110.4	108.2	80.5	104.5	112.0	110.7	12
2	NORWEST 553*	HRW	157.5	112.7	90.3	76.1	116.3	110.1	110.5	13
27	OR 2110679	HWW	149.9	122.2	84.4	76.5	113.6	115.0	110.3	14
26	OR 2110664	HWW	160.1	111.5	88.9	73.7	105.4	114.8	109.1	15
5	LCS EVINA	HRW	155.3	117.3	88.9	71.8	107.5	109.4	108.4	16
30	OR 2120311H	HWW	143.3	111.1	99.2	78.5	103.9	110.4	107.7	17
10	HE 181/3	HRW	155.8	108.1	88.6	78.6	101.8	113.2	107.7	18
12	KELDIN	HRW	158.7	105.6	87.9	84.6	76.8	132.3	107.6	19
28	OR 2111025	HWW	154.5	105.9	90.0	73.2	104.0	117.6	107.5	20
14	WHETSTONE	HRW	153.2	113.9	90.2	75.2	90.5	119.9	107.2	21
11	WB ARROWHEAD	HRW	142.0	100.8	80.6	95.7	95.9	126.9	107.0	22
13	WB 4623 CLP	HRW	137.4	112.2	76.0	86.2	102.3	106.0	103.3	23
23	ANTERO	HWW	141.8	103.8	86.2	96.6	67.5	119.0	102.5	24
25	IDO 1101	HWW	137.0	93.6	86.3	99.2	82.4	114.6	102.2	25
24	UI SILVER	HWW	152.0	85.8	96.1	73.0	95.2	104.3	101.1	26
16	CLEARSTONE CL2	HRW	131.2	96.4	88.5	77.1	77.7	120.7	98.6	27
19	BRAWL CL+	HRW	110.7	91.4	87.7	91.3	37.1	97.4	85.9	28
20	DENALI	HRW	138.4	73.3	94.4	78.9	37.0	69.4	81.9	29
21	AVERY	HRW	148.1	75.6	101.6	81.9	28.5	52.7	81.4	30
	Site Average		151.8	107.6	93.9	84.5	95.8	115.8	108.2	
	LSD (0.05)		13.7	15.5	12.2	7.6	10.0	11.0		
	CV (%)		6.3	9.6	8.4	6.2	7.1	6.6		

* 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.



2016 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	Milton-Freewater lbs/bu	Pendleton-Ruggs lbs/bu	South Willamette Valley lbs/bu	6-Site Mean lbs/bu	6-Site Rank
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
24	UI SILVER	HWW	64.8	64.1	63.1	60.0	63.8	59.9	62.6	1
25	IDO 1101	HWW	64.4	63.7	62.4	61.2	63.1	60.4	62.5	2
13	WB 4623 CLP	HRW	64.0	63.2	62.7	59.8	63.3	62.2	62.5	3
11	WB ARROWHEAD	HRW	64.1	63.5	62.1	60.7	63.2	59.9	62.2	4
23	ANTERO	HWW	65.4	63.2	63.0	61.3	60.8	59.6	62.2	5
18	WA 8249	HRW	64.0	63.0	62.4	59.5	63.5	60.7	62.2	6
28	OR 2111025	HWW	64.6	63.6	62.5	58.2	62.6	60.7	62.0	7
2	NORWEST 553*	HRW	64.1	63.2	62.7	58.8	63.1	59.1	61.8	8
14	WHETSTONE	HRW	64.6	63.5	62.3	57.3	63.1	59.7	61.7	9
17	WA 8248	HRW	64.7	62.2	61.8	58.1	62.9	60.7	61.7	10
29	OR 2120276H	HWW	64.5	63.1	61.9	57.4	62.7	60.4	61.7	11
12	KELDIN	HRW	64.5	62.8	62.0	57.5	62.0	60.5	61.5	12
16	CLEARSTONE CL2	HRW	63.7	62.9	61.2	59.4	61.8	60.2	61.5	13
20	DENALI	HRW	65.3	64.0	63.1	60.3	62.0	53.8	61.4	14
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	64.6	63.6	61.3	56.9	62.4	59.3	61.4	15
26	OR 2110664	HWW	64.0	62.6	61.8	56.3	62.4	58.8	61.0	16
30	OR 2120311H	HWW	63.8	62.4	61.1	57.2	62.5	58.2	60.9	17
6	LCS JET	HRW	63.0	61.2	60.5	58.5	61.7	59.2	60.7	18
27	OR 2110679	HWW	64.2	63.1	61.1	56.4	61.2	57.6	60.6	19
22	OR 2120012R	HRW	63.6	62.4	61.1	56.0	61.3	58.6	60.5	20
19	BRAWL CL+	HRW	64.6	63.6	63.0	61.8	53.1	56.2	60.4	21
5	LCS EVINA	HRW	63.3	61.7	60.6	57.8	60.1	58.1	60.2	22
10	HE 181/3	HRW	62.0	61.1	60.5	58.7	61.8	57.1	60.2	23
9	NSA 11-8010	HRW	61.6	61.3	58.5	57.3	59.8	55.6	59.0	24
7	NSA 10-2196	HRW	62.2	60.6	59.6	54.7	60.6	55.5	58.9	25
1	BOBTAIL*	SWW	61.6	61.5	60.1	54.6	59.6	54.3	58.6	26
4	LCS COLONIA	HRW	60.9	61.2	59.5	53.6	59.3	57.1	58.6	27
21	AVERY	HRW	64.7	61.0	62.5	59.2	52.7	49.1	58.2	28
3	LCS AZIMUT	HRW	60.9	61.2	58.6	53.8	59.9	54.2	58.1	29
8	LCS AYMERIC	HRW	61.1	61.2	58.9	51.9	59.3	55.2	57.9	30
	Site Average		63.6	62.5	61.4	57.8	61.2	58.1	60.8	
	LSD (0.05)		0.3	1.0	0.8	0.9	1.3	1.6		
	CV (%)		0.4	1.1	0.9	1.2	1.5	1.9		

* 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.



2016 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Protein Summary



Entry	Variety	Class	Dayton, WA %	Hermiston %	LaGrande %	Milton-Freewater %	Pendleton-Ruggs %	South Willamette Valley %	6-Site Mean %	6-Site Rank
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
5	LCS EVINA	HRW	13.5	15.9	14.2	17.3	14.5	10.8	14.3	1
13	WB 4623 CLP	HRW	13.6	15.1	13.9	16.4	13.4	10.5	13.8	2
18	WA 8249	HRW	13.1	16.3	12.6	15.1	13.4	10.9	13.6	3
19	BRAWL CL+	HRW	13.4	14.4	14.2	14.3	13.6	11.2	13.5	4
17	WA 8248	HRW	12.4	14.4	13.3	16.6	13.1	10.6	13.4	5
30	OR 2120311H	HWW	12.1	13.6	12.7	16.2	12.5	11.1	13.0	6
27	OR 2110679	HWW	11.5	13.5	13.0	16.0	12.9	10.8	12.9	7
16	CLEARSTONE CL2	HRW	12.2	13.6	13.2	15.7	13.0	9.8	12.9	8
22	OR 2120012R	HRW	12.0	14.1	12.3	16.0	12.4	10.1	12.8	9
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	12.0	13.6	12.4	16.1	12.6	10.1	12.8	10
28	OR 2111025	HWW	11.7	14.0	13.1	15.4	12.7	9.7	12.8	11
14	WHETSTONE	HRW	12.5	14.3	12.4	15.7	11.9	9.8	12.7	12
2	NORWEST 553*	HRW	12.2	13.6	12.2	15.7	12.7	9.9	12.7	13
29	OR 2120276H	HWW	11.9	13.7	12.7	15.8	12.4	9.7	12.7	14
26	OR 2110664	HWW	11.2	13.5	12.3	16.0	12.3	10.2	12.6	15
11	WB ARROWHEAD	HRW	12.2	15.0	13.1	13.7	11.9	9.5	12.6	16
12	KELDIN	HRW	11.7	13.2	13.1	15.9	11.9	9.4	12.5	17
10	HE 181/3	HRW	11.3	12.9	12.9	15.1	11.9	10.4	12.4	18
7	NSA 10-2196	HRW	11.4	13.6	11.8	14.5	12.3	10.3	12.3	19
4	LCS COLONIA	HRW	11.5	13.2	12.1	15.8	12.1	9.0	12.3	20
24	UI SILVER	HWW	11.5	13.7	11.9	14.9	11.4	9.7	12.2	21
6	LCS JET	HRW	12.0	12.9	12.5	14.6	11.5	9.5	12.2	22
25	IDO 1101	HWW	12.1	13.3	12.5	14.1	11.5	9.0	12.1	23
3	LCS AZIMUT	HRW	11.2	13.2	11.8	14.6	11.4	9.8	12.0	24
21	AVERY	HRW	11.7	11.9	11.4	13.4	12.9	10.1	11.9	25
23	ANTERO	HWW	11.7	13.3	12.3	13.2	11.2	9.4	11.8	26
20	DENALI	HRW	11.2	11.6	12.6	13.9	11.6	10.0	11.8	27
1	BOBTAIL*	SWW	10.4	12.3	12.0	15.3	11.0	9.4	11.7	28
8	LCS AYMERIC	HRW	10.2	13.2	10.3	14.8	11.5	9.4	11.6	29
9	NSA 11-8010	HRW	10.7	12.7	11.8	13.3	11.0	9.4	11.5	30
	Site Average		11.9	13.6	12.5	15.2	12.3	10.0	12.6	
	LSD (0.05)		0.5	0.9	1.2	0.4	0.7	1.0		
	CV (%)		2.9	4.4	6.6	1.9	3.8	7.3		

* 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.



2016 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Plant Height Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Milton-Freewater	Pendleton-Ruggs	South Willamette Valley	6-Site Mean	6-Site Rank
			in	in	in	in	in	in	in	
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
16	CLEARSTONE CL2	HRW	45.8	36.4	38.3	41.3	39.8	51.5	42.2	1
10	HE 181/3	HRW	46.5	33.5	39.8	38.8	42.8	50.3	41.9	2
5	LCS EVINA	HRW	45.0	33.0	38.8	40.0	43.3	49.8	41.6	3
24	UI SILVER	HWW	48.0	33.0	37.5	40.3	39.8	46.5	40.8	4
11	WB ARROWHEAD	HRW	41.3	34.4	38.0	39.5	37.5	48.3	39.8	5
14	WHETSTONE	HRW	41.3	33.5	37.8	36.0	37.5	46.8	38.8	6
28	OR 2111025	HWW	40.5	34.0	37.3	35.5	37.8	44.0	38.2	7
13	WB 4623 CLP	HRW	40.5	31.0	35.3	36.3	38.3	47.3	38.1	8
12	KELDIN	HRW	39.0	33.5	36.0	35.3	36.0	47.5	37.9	9
23	ANTERO	HWW	37.5	34.0	38.0	36.8	34.8	45.8	37.8	10
29	OR 2120276H	HWW	37.5	34.0	36.0	36.8	36.8	45.3	37.7	11
27	OR 2110679	HWW	38.3	31.5	35.3	38.0	38.3	44.8	37.7	12
17	WA 8248	HRW	37.5	32.5	36.8	36.8	34.5	46.3	37.4	13
22	OR 2120012R	HRW	38.3	30.5	36.8	34.0	38.3	45.5	37.2	14
19	BRAWL CL+	HRW	37.5	33.5	36.8	38.0	31.0	46.5	37.2	15
20	DENALI	HRW	37.5	33.5	35.3	38.3	30.8	47.8	37.2	16
18	WA 8249	HRW	38.3	32.5	34.5	35.8	34.5	46.0	36.9	17
1	BOBTAIL*	SWW	38.3	33.0	35.3	36.8	36.0	41.8	36.8	18
30	OR 2120311H	HWW	37.5	32.5	36.0	36.0	34.5	43.3	36.6	19
26	OR 2110664	HWW	38.3	32.0	34.5	35.5	35.3	42.5	36.3	20
4	LCS COLONIA	HRW	37.5	31.0	35.3	34.3	36.0	43.5	36.3	21
21	AVERY	HRW	36.8	29.0	37.8	36.0	30.0	47.8	36.2	22
6	LCS JET	HRW	35.3	29.5	34.5	33.5	33.8	41.8	34.7	23
25	IDO 1101	HWW	34.5	32.0	32.5	35.0	32.8	40.3	34.5	24
7	NSA 10-2196	HRW	33.0	28.1	34.8	33.5	33.8	41.5	34.1	25
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	34.5	29.5	32.3	31.8	33.0	40.5	33.6	26
2	NORWEST 553*	HRW	35.3	31.5	31.8	31.3	32.3	38.8	33.5	27
9	NSA 11-8010	HRW	33.8	25.6	32.0	33.0	32.3	41.0	32.9	28
8	LCS AYMERIC	HRW	33.0	27.6	34.5	31.0	32.3	39.0	32.9	29
3	LCS AZIMUT	HRW	31.5	25.1	31.5	30.5	29.0	36.8	30.7	30
	Site Average		38.3	31.7	35.7	35.8	35.4	44.6	36.9	
	LSD (0.05)		2.0	2.5	2.9	2.9	2.7	2.0		
	CV (%)		3.7	5.6	5.8	5.7	5.3	3.3		

* 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.



2016 Oregon Hard Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Dayton, WA DOY	Hermiston DOY	LaGrande DOY	Milton-Freewater DOY	Pendleton-Ruggs DOY	South Willamette Valley DOY	6-Site Mean DOY	6-Site Rank
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
10	HE 181/3	HRW	139.5	118.5		136.3	142.8	144.0	136.2	1
5	LCS EVINA	HRW	140.3	118.0		136.8	142.8	142.0	136.0	2
4	LCS COLONIA	HRW	140.5	117.3		138.5	140.3	137.0	134.7	3
24	UI SILVER	HWW	139.3	119.0		135.8	142.3	136.5	134.6	4
1	BOBTAIL*	SWW	135.5	122.0		133.0	139.3	138.0	133.6	5
28	OR 2111025	HWW	134.8	118.5		134.0	138.8	135.5	132.3	6
26	OR 2110664	HWW	135.0	120.3		133.5	136.5	135.5	132.2	7
16	CLEARSTONE CL2	HRW	135.3	117.0		134.3	138.3	134.5	131.9	8
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	135.8	117.5		133.3	139.0	132.0	131.5	9
12	KELDIN	HRW	133.3	120.8		131.7	138.5	132.5	131.3	10
27	OR 2110679	HWW	133.3	120.8		131.5	137.0	131.5	130.8	11
2	NORWEST 553*	HRW	134.3	118.0		132.5	136.3	132.0	130.6	12
13	WB 4623 CLP	HRW	133.5	118.8		131.5	138.0	130.0	130.4	13
30	OR 2120311H	HWW	132.3	120.3		132.0	136.7	130.5	130.3	14
22	OR 2120012R	HRW	131.0	119.8		130.3	134.0	130.0	129.0	15
8	LCS AYMERIC	HRW	134.0	120.7		129.3	134.8	125.0	128.7	16
17	WA 8248	HRW	131.3	119.3		129.3	134.5	129.3	128.7	17
14	WHETSTONE	HRW	131.8	115.0		131.0	135.0	130.0	128.6	18
29	OR 2120276H	HWW	130.0	120.3		128.5	133.5	130.0	128.5	19
25	IDO 1101	HWW	131.8	119.0		128.3	134.0	123.5	127.3	20
11	WB ARROWHEAD	HRW	131.5	117.3		124.3	132.8	123.0	125.8	21
20	DENALI	HRW	128.5	118.5		124.8	134.5	121.8	125.6	22
6	LCS JET	HRW	129.8	117.0		125.0	133.0	121.0	125.2	23
9	NSA 11-8010	HRW	130.5	115.0		124.5	132.8	123.0	125.2	24
18	WA 8249	HRW	129.0	115.0		124.5	131.3	123.0	124.6	25
7	NSA 10-2196	HRW	129.3	115.0		124.3	131.8	121.0	124.3	26
3	LCS AZIMUT	HRW	129.3	116.0		124.0	130.8	121.0	124.2	27
21	AVERY	HRW	127.8	115.0		124.0	134.5	119.8	124.2	28
23	ANTERO	HWW	127.0	117.8		122.3	129.0	116.5	122.5	29
19	BRAWL CL+	HRW	126.0	116.0		122.0	129.0	116.0	121.8	30
	Site Average		132.7	118.1		129.7	135.7	128.8	129.0	
	LSD (0.05)		1.2	2.7		1.4	2.5	2.3		
	CV (%)		0.6	1.6		0.7	1.3	1.3		

* 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.