



## 2016 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Grain Yield Summary



Entry	Variety	Class	Condon bu/ac	Lexington bu/ac	Helix bu/ac	Moro - Kaseberg bu/ac	Moro bu/ac	Pomeroy, WA bu/ac	6-Site Mean bu/ac	6-Site Rank
			<b>SQI = 3</b>	<b>SQI = 4</b>	<b>SQI = 3</b>	<b>SQI = 3</b>	<b>SQI = 2.5</b>	<b>SQI = 4</b>		
7	NSA 10-2196	HRW	71.9	49.1	66.4	82.3	75.8	88.2	72.3	1
8	LCS AYMERIC	HRW	65.2	46.4	65.5	88.1	71.0	83.1	69.9	2
6	LCS JET	HRW	70.2	48.4	62.5	88.0	54.5	83.8	67.9	3
1	BOBTAIL*	SWW	68.0	44.1	51.1	74.6	80.1	85.8	67.3	4
12	KELDIN	HRW	62.8	46.1	61.1	79.9	64.5	84.1	66.4	5
9	NSA 11-8010	HRW	67.9	46.8	60.4	79.0	58.8	82.7	65.9	6
3	LCS AZIMUT	HRW	67.1	42.7	65.3	85.5	53.0	80.2	65.6	7
22	OR 2120012R	HRW	59.6	42.2	63.3	80.2	69.6	76.5	65.2	8
4	LCS COLONIA	HRW	66.2	44.0	61.9	82.1	60.9	74.4	64.9	9
2	NORWEST 553*	HRW	61.0	40.5	56.7	82.3	66.0	79.2	64.3	10
26	OR 2110664	HWW	64.0	35.9	59.6	79.8	70.6	75.5	64.2	11
25	IDO 1101	HWW	57.5	40.6	54.4	83.5	67.2	76.1	63.2	12
17	WA 8248	HRW	57.7	43.1	55.1	85.8	52.3	80.1	62.4	13
28	OR 2111025	HWW	61.3	37.6	59.6	74.5	65.2	74.8	62.2	14
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	49.5	43.2	55.7	78.4	62.5	77.5	61.1	15
29	OR 2120276H	HWW	59.5	43.2	56.3	78.1	52.2	77.5	61.1	16
13	WB 4623 CLP	HRW	56.9	39.6	59.2	72.0	66.2	70.0	60.7	17
27	OR 2110679	HWW	63.3	41.2	56.6	67.8	59.9	74.9	60.6	18
10	HE 181/3	HRW	61.7	43.9	54.5	71.8	60.3	71.2	60.5	19
5	LCS EVINA	HRW	64.7	41.5	55.1	70.8	56.7	72.2	60.1	20
30	OR 2120311H	HWW	50.9	40.6	51.6	80.2	60.7	76.4	60.1	21
11	WB ARROWHEAD	HRW	50.9	40.8	53.0	80.2	58.5	76.6	60.0	22
20	DENALI	HRW	57.9	40.0	53.3	72.2	64.7	70.9	59.8	23
14	WHETSTONE	HRW	53.2	39.7	52.1	78.0	58.9	71.2	58.8	24
21	AVERY	HRW	59.4	39.3	41.5	74.1	57.3	80.8	58.7	25
24	UI SILVER	HWW	55.1	34.3	51.8	70.8	61.4	68.5	57.0	26
18	WA 8249	HRW	54.6	40.3	50.1	76.7	43.3	73.6	56.4	27
23	ANTERO	HWW	55.6	37.8	48.8	63.1	54.7	70.0	55.0	28
16	CLEARSTONE CL2	HRW	53.0	32.0	46.5	72.3	49.4	65.5	53.1	29
19	BRAWL CL+	HRW	41.5	35.2	44.9	59.4	48.4	58.3	48.0	30
	Site Average		59.6	41.3	55.9	77.3	61.0	76.0	61.9	
	LSD (0.05)		7.0	4.3	6.0	14.7	8.1	6.0		
	CV (%)		8.3	7.4	7.2	11.6	9.0	5.6		

\* 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 - Low to Intermediate Rainfall Test Weight Summary



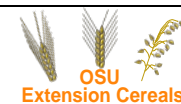
Entry	Variety	Class	Condon	Lexington	Helix	Moro - Kaseberg	Moro	Pomeroy, WA	6-Site Mean	6-Site Rank
			lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu
			SQI = 3	SQI = 4	SQI = 3	SQI = 3	SQI = 2.5	SQI = 4		
20	DENALI	HRW	63.8	64.2	62.9	62.0	62.3	64.0	63.2	1
19	BRAWL CL+	HRW	63.0	64.7	62.0	62.2	62.1	64.1	63.0	2
23	ANTERO	HWW	64.1	64.3	62.9	61.2	61.8	63.7	63.0	3
24	UI SILVER	HWW	63.8	63.1	63.0	62.7	61.6	63.2	62.9	4
25	IDO 1101	HWW	63.9	64.1	62.0	61.2	61.9	63.7	62.8	5
12	KELDIN	HRW	62.8	63.0	61.9	62.6	61.5	63.0	62.5	6
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	63.3	63.2	62.0	61.5	61.5	63.6	62.5	7
21	AVERY	HRW	62.9	63.6	62.8	61.3	61.9	62.6	62.5	8
14	WHETSTONE	HRW	63.4	62.4	62.5	61.9	61.3	62.6	62.4	9
2	NORWEST 553*	HRW	63.4	63.2	62.6	61.8	60.2	63.1	62.4	10
11	WB ARROWHEAD	HRW	63.2	63.5	61.5	61.4	61.5	63.1	62.4	11
17	WA 8248	HRW	63.0	62.0	62.2	62.6	60.8	63.2	62.3	12
29	OR 2120276H	HWW	63.3	62.3	63.0	62.5	60.7	62.2	62.3	13
28	OR 2111025	HWW	62.8	61.3	62.8	62.3	61.1	63.0	62.2	14
13	WB 4623 CLP	HRW	63.5	62.9	61.2	61.2	60.7	63.1	62.1	15
30	OR 2120311H	HWW	62.7	62.4	61.7	61.8	60.9	62.2	61.9	16
26	OR 2110664	HWW	63.0	61.4	61.7	62.2	61.2	62.2	61.9	17
18	WA 8249	HRW	63.7	63.3	61.1	60.8	59.5	63.2	61.9	18
16	CLEARSTONE CL2	HRW	62.5	61.5	60.9	61.5	60.0	62.1	61.4	19
22	OR 2120012R	HRW	62.2	61.4	60.8	61.5	60.4	61.6	61.3	20
27	OR 2110679	HWW	62.8	61.1	62.5	59.3	60.2	61.6	61.2	21
6	LCS JET	HRW	60.5	60.8	59.7	60.5	58.6	60.9	60.2	22
5	LCS EVINA	HRW	61.7	59.7	59.1	59.7	58.4	61.5	60.0	23
7	NSA 10-2196	HRW	60.3	60.3	59.7	59.3	59.1	60.7	59.9	24
9	NSA 11-8010	HRW	60.0	60.0	59.8	59.0	57.5	59.9	59.3	25
3	LCS AZIMUT	HRW	60.5	59.1	58.4	60.1	58.5	59.3	59.3	26
4	LCS COLONIA	HRW	60.0	58.7	58.8	59.0	58.9	60.0	59.2	27
10	HE 181/3	HRW	60.1	58.1	59.2	58.7	58.5	60.2	59.1	28
1	BOBTAIL*	SWW	60.0	57.3	59.6	60.1	58.1	59.1	59.0	29
8	LCS AYMERIC	HRW	59.8	56.9	57.8	58.2	58.1	59.4	58.4	30
	Site Average		62.3	61.6	61.1	61.0	60.3	62.0	61.4	
	LSD (0.05)		0.7	0.7	0.6	2.3	0.7	0.5		
	CV (%)		0.7	0.8	0.7	2.5	0.8	0.6		

\* 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 - Low to Intermediate Rainfall Grain Protein Summary



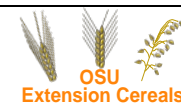
Entry	Variety	Class	Condon	Lexington	Helix	Moro - Kaseberg	Moro	Pomeroy, WA	6-Site Mean	6-Site Rank
			%	%	%	%	%	%	%	
			SQI = 3	SQI = 4	SQI = 3	SQI = 3	SQI = 2.5	SQI = 4		
16	CLEARSTONE CL2	HRW	10.4	13.3	14.7	12.7	14.3	12.1	12.9	1
19	BRAWL CL+	HRW	12.2	11.2	13.4	13.0	14.1	12.7	12.8	2
17	WA 8248	HRW	11.3	12.0	14.5	12.4	14.1	12.2	12.8	3
13	WB 4623 CLP	HRW	11.0	11.7	14.4	12.2	13.9	12.6	12.6	4
18	WA 8249	HRW	10.7	11.4	14.1	12.7	14.6	12.2	12.6	5
5	LCS EVINA	HRW	10.1	11.9	14.1	11.9	14.3	12.4	12.4	6
11	WB ARROWHEAD	HRW	11.5	11.6	13.5	12.0	13.6	11.6	12.3	7
2	NORWEST 553*	HRW	10.9	11.9	13.4	12.0	13.3	11.7	12.2	8
29	OR 2120276H	HWW	11.2	11.1	13.9	11.8	13.6	11.7	12.2	9
14	WHETSTONE	HRW	11.1	11.2	13.6	11.7	13.1	11.8	12.1	10
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	11.4	11.3	13.5	11.6	13.1	11.5	12.1	11
22	OR 2120012R	HRW	11.1	11.6	13.3	11.9	12.7	11.7	12.0	12
30	OR 2120311H	HWW	10.7	11.8	13.3	11.8	12.6	11.8	12.0	13
28	OR 2111025	HWW	10.0	12.2	13.1	11.8	12.6	11.8	11.9	14
27	OR 2110679	HWW	9.6	11.7	12.9	12.1	12.8	11.8	11.8	15
12	KELDIN	HRW	10.3	10.4	13.3	11.8	13.0	11.1	11.6	16
26	OR 2110664	HWW	9.9	11.7	12.9	11.6	12.0	11.6	11.6	17
25	IDO 1101	HWW	10.4	10.6	13.1	11.5	12.9	11.2	11.6	18
6	LCS JET	HRW	10.1	10.3	13.2	11.8	12.9	11.1	11.6	19
23	ANTERO	HWW	10.8	10.5	12.5	11.5	13.1	10.9	11.5	20
24	UI SILVER	HWW	10.2	11.5	12.6	11.5	11.7	10.9	11.4	21
21	AVERY	HRW	9.8	10.4	12.6	11.1	13.1	10.7	11.3	22
10	HE 181/3	HRW	9.0	11.1	12.7	11.3	12.1	11.2	11.2	23
4	LCS COLONIA	HRW	9.7	11.0	12.8	11.1	11.6	11.1	11.2	24
3	LCS AZIMUT	HRW	9.3	10.9	12.2	11.7	12.1	10.7	11.1	25
20	DENALI	HRW	10.1	10.6	11.9	11.3	11.7	10.7	11.0	26
7	NSA 10-2196	HRW	9.2	10.0	12.2	11.1	11.5	10.6	10.8	27
1	BOBTAIL*	SWW	8.8	11.0	11.9	11.5	11.0	10.5	10.7	28
9	NSA 11-8010	HRW	9.3	9.9	11.9	10.8	11.6	10.5	10.7	29
8	LCS AYMERIC	HRW	9.0	10.6	11.8	10.3	10.8	10.2	10.4	30
	Site Average		10.3	11.2	13.1	11.7	12.8	11.4	11.8	
	LSD (0.05)		0.7	0.7	0.4	0.9	0.6	0.4		
	CV (%)		5.0	4.1	2.1	5.0	3.5	2.2		

\* 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.



## 2016 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Plant Height Summary



Entry	Variety	Class	Condon in	Lexington in	Helix in	Moro - Kaseberg in	Moro in	Pomeroy, WA in	6-Site Mean in	6-Site Rank
			SQI = 3	SQI = 4	SQI = 3	SQI = 3	SQI = 2.5	SQI = 4		
10	HE 181/3	HRW	37.0	28.5	39.0	40.4	33.3	36.8	35.8	1
16	CLEARSTONE CL2	HRW	36.8	29.5	34.5	35.4	32.0	37.5	34.3	2
24	UI SILVER	HWW	36.5	29.0	35.3	36.4	31.3	35.5	34.0	3
5	LCS EVINA	HRW	34.3	28.0	36.0	37.4	31.3	34.5	33.6	4
11	WB ARROWHEAD	HRW	35.3	29.5	33.8	35.4	29.5	34.3	32.9	5
28	OR 2111025	HWW	35.0	28.0	32.3	33.5	30.5	34.0	32.2	6
12	KELDIN	HRW	33.8	28.0	33.8	33.5	28.5	32.3	31.6	7
4	LCS COLONIA	HRW	33.8	26.0	33.0	31.5	30.8	33.3	31.4	8
22	OR 2120012R	HRW	33.0	26.5	32.3	32.5	28.8	33.5	31.1	9
26	OR 2110664	HWW	33.5	26.5	32.0	31.5	29.0	33.3	31.0	10
1	BOBTAIL*	SWW	31.5	28.0	32.3	32.5	29.0	32.3	30.9	11
27	OR 2110679	HWW	31.8	26.5	33.0	32.5	29.0	32.8	30.9	12
14	WHETSTONE	HRW	32.3	27.0	32.3	32.5	28.0	32.3	30.7	13
13	WB 4623 CLP	HRW	32.5	26.0	31.5	32.5	29.3	31.8	30.6	14
21	AVERY	HRW	34.3	27.0	30.0	31.0	27.5	31.8	30.3	15
17	WA 8248	HRW	33.3	26.5	30.8	30.2	28.0	32.3	30.2	16
18	WA 8249	HRW	32.8	28.5	29.3	32.5	26.0	31.8	30.1	17
20	DENALI	HRW	32.5	27.5	29.0	31.5	28.5	31.3	30.0	18
29	OR 2120276H	HWW	32.5	28.0	28.7	32.0	26.0	31.3	29.7	19
30	OR 2120311H	HWW	30.8	25.5	30.0	31.0	27.0	32.8	29.5	20
7	NSA 10-2196	HRW	33.3	27.0	30.0	31.0	26.3	29.0	29.4	21
19	BRAWL CL+	HRW	32.0	28.0	25.5	32.0	26.5	29.0	28.8	22
23	ANTERO	HWW	31.8	27.0	29.0	30.5	25.5	29.0	28.8	23
2	NORWEST 553*	HRW	31.5	24.8	29.0	30.5	26.5	29.8	28.7	24
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	31.0	25.0	28.3	29.5	27.0	30.0	28.5	25
25	IDO 1101	HWW	30.8	25.0	28.5	29.0	27.0	29.0	28.2	26
8	LCS AYMERIC	HRW	31.3	24.0	28.3	28.1	25.5	29.5	27.8	27
6	LCS JET	HRW	30.3	24.5	28.5	29.5	25.3	27.0	27.5	28
3	LCS AZIMUT	HRW	29.5	26.0	26.3	28.5	24.8	28.5	27.3	29
9	NSA 11-8010	HRW	30.3	24.0	27.8	30.0	24.5	26.0	27.1	30
	Site Average		32.8	26.8	31.1	32.1	28.1	31.7	30.4	
	LSD (0.05)		2.4	1.8	2.4	1.8	1.9	2.6		
	CV (%)		5.1	4.9	5.3	3.9	4.8	5.7		

\* 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.



## 2016 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Heading Date Summary



Entry	Variety	Class	Condon	Lexington	Helix	Moro - Kaseberg	Moro	Pomeroy, WA	6-Site Mean	6-Site Rank
			DOY	DOY	DOY	DOY	DOY	DOY	DOY	
			SQI = 3	SQI = 4	SQI = 3	SQI = 3	SQI = 2.5	SQI = 4		
4	LCS COLONIA	HRW		128.5	141.8	140.5	147.8		139.6	1
5	LCS EVINA	HRW		126.5	140.5	142.5	149.0		139.6	2
10	HE 181/3	HRW		126.8	140.3	142.0	147.0		139.0	3
1	BOBTAIL*	SWW		127.5	140.5	139.0	144.3		137.8	4
24	UI SILVER	HWW		127.8	139.8	140.0	143.5		137.8	5
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		127.3	139.8	138.3	145.3		137.6	6
28	OR 2111025	HWW		126.8	138.8	137.5	145.8		137.2	7
16	CLEARSTONE CL2	HRW		127.5	137.0	138.5	143.3		136.6	8
12	KELDIN	HRW		126.8	138.5	138.0	142.0		136.3	9
26	OR 2110664	HWW		127.3	136.3	137.3	144.0		136.2	10
2	NORWEST 553*	HRW		126.3	138.7	137.8	141.8		136.1	11
27	OR 2110679	HWW		127.5	135.8	136.0	143.3		135.6	12
13	WB 4623 CLP	HRW		128.0	136.5	137.0	140.8		135.6	13
8	LCS AYMERIC	HRW		129.8	134.0	134.3	139.5		134.4	14
14	WHETSTONE	HRW		128.3	133.8	135.8	139.5		134.3	15
30	OR 2120311H	HWW		127.5	133.8	134.3	140.3		133.9	16
17	WA 8248	HRW		127.3	132.8	132.5	139.5		133.0	17
22	OR 2120012R	HRW		127.8	131.5	133.5	138.8		132.9	18
25	IDO 1101	HWW		125.5	131.5	136.3	137.5		132.7	19
9	NSA 11-8010	HRW		126.5	131.5	132.8	138.5		132.3	20
11	WB ARROWHEAD	HRW		123.5	131.0	135.7	138.0		132.0	21
3	LCS AZIMUT	HRW		125.8	129.8	133.3	138.5		131.8	22
6	LCS JET	HRW		126.0	130.8	132.3	136.3		131.3	23
20	DENALI	HRW		124.0	130.5	132.8	137.0		131.1	24
29	OR 2120276H	HWW		123.3	130.7	131.3	139.0		131.0	25
21	AVERY	HRW		122.3	131.3	131.0	138.0		130.6	26
18	WA 8249	HRW		121.0	129.5	131.5	138.5		130.1	27
7	NSA 10-2196	HRW		121.8	128.5	131.5	137.0		129.7	28
23	ANTERO	HWW		119.8	126.3	130.0	135.8		128.0	29
19	BRAWL CL+	HRW		120.0	125.7	129.5	134.8		127.5	30
	Site Average			125.8	134.3	135.4	140.8		134.1	
	LSD (0.05)			2.6	2.7	1.9	2.2			
	CV (%)			1.5	1.4	1.0	1.1			

\* 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.