

2019 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Grain Yield Summary

OSU Cereal Extension

Entry	Variety	Class	Quality Rating ¹	Condon bu/ac	Kent bu/ac	Dufur bu/ac	Moro-Kaseberg bu/ac	Moro-CBARC bu/ac	Lexington bu/ac	Pomeroy bu/ac	7-Site Mean bu/ac	7-Site Rank
91	LCS Jet	HRW	A	55.4	42.8	60.3	76.5	79.5	83.2	72.8	67.2	1
93	LCS Aymeric	HRW		53.7	52.8	55.1	72.3	82.6	76.7	73.4	66.7	2
81	WA 8289	HRW		53.7	50.3	70.3	71.6	72.9	66.7	72.0	65.4	3
92	LCS Rocket (NSA 10-2196)	HRW	D	55.1	38.9	60.1	72.7	72.7	78.6	73.6	64.5	4
94	LCS Zoom (LWW14-73915)	HRW		55.4	47.3	62.5	67.5	75.9	68.4	73.6	64.4	5
101	OR2160011R	HRW		52.9	48.8	60.5	75.3	66.9	71.0	71.3	63.8	6
100	OR2160008R	HRW		58.0	57.7	57.8	75.9	64.7	64.3	67.9	63.8	7
90	LCS Evina	HRW	D	51.1	42.1	62.0	72.6	68.2	71.3	73.0	62.9	8
80	WA 8268	HRW		55.6	47.4	56.9	68.9	70.5	69.9	70.1	62.7	9
84	AP Redeye (05PN044-20)	HRW		49.6	38.3	62.9	71.4	67.0	83.9	64.1	62.5	10
87	WB 4303	HRW		54.4	41.9	53.6	68.6	74.4	77.2	63.3	61.9	11
98	OR2160065H	HWW		50.1	36.8	53.3	64.5	89.2	68.3	62.9	60.7	12
85	Keldin	HRW	A	48.0	34.1	64.9	64.8	71.8	70.0	64.9	59.8	13
89	WB 4394	HRW		42.2	38.6	67.6	69.5	59.2	70.3	68.2	59.4	14
99	OR2150169R	HRW		45.3	37.5	51.6	63.0	74.1	69.0	65.9	58.1	15
88	WB 4311 (XA 4104)	HRW		42.8	29.5	59.7	64.3	66.6	74.2	65.3	57.5	16
82	SY Touchstone (04PN028B-3)	HRW	LD	49.5	35.0	51.0	63.8	68.7	70.7	62.9	57.4	17
102	OR2160089R	HRW		47.1	43.0	52.2	66.1	No Data	66.4	64.0	56.5	18
78	UI Bronze Jade (IDO 1706)	HWW		51.8	39.4	64.8	56.9	65.6	56.5	58.3	56.2	19
96	Millie	HWW		43.7	40.0	50.7	60.3	67.8	65.6	64.4	56.1	20
95	Irv	HWW		51.3	46.3	53.2	58.5	56.6	64.4	60.6	55.8	21
86	WB 4623 CLP	HRW	MD	52.5	41.3	52.5	60.1	49.1	51.3	61.2	52.6	22
79	Brawl CL+	HRW		41.5	29.7	44.6	61.7	61.8	67.9	53.9	51.6	23
83	Clearstone CL2	HRW		40.1	30.8	50.2	52.6	47.9	70.0	59.4	50.1	24
	Site Average			50.3	41.5	57.4	67.2	69.4	69.8	66.1	59.9	
	LSD (0.05)			7.6	6.2	7.3	6.1	10.2	6.8	5.8		
	CV (%)			10.8	10.7	9.1	6.5	10.5	6.9	6.3		

¹Quality rating based on data from the USDA Western Wheat Quality Laboratory.

2019 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Height Summary

OSU Cereal Extension

Entry	Variety	Class	Quality Rating ¹	Condon	Kent	Dufur	Moro-Kaseberg	Moro-CBARC	Lexington	Pomeroy	7-Site Mean	7-Site Rank
				in	in	in	in	in	in	in	in	
89	WB 4394	HRW		38.0	35.3	35.0	38.3	35.7	38.8	33.0	36.3	1
83	Clearstone CL2	HRW		37.3	36.0	36.0	37.7	34.5	40.3	31.5	36.2	2
90	LCS Evina	HRW	D	36.3	33.7	34.3	36.0	33.3	36.8	32.0	34.6	3
78	UI Bronze Jade (IDO 1706)	HWW		36.5	33.0	33.8	34.5	33.5	37.0	29.8	34.0	4
85	Keldin	HRW	A	36.5	33.5	34.0	33.5	32.3	36.5	30.3	33.8	5
79	Brawl CL+	HRW		35.0	34.0	33.0	34.7	33.7	35.8	30.3	33.8	6
86	WB 4623 CLP	HRW	MD	35.3	31.3	32.3	33.5	31.0	34.5	27.5	32.2	7
94	LCS Zoom (LWW14-73915)	HRW		35.3	29.5	31.3	33.3	31.8	32.8	29.3	31.9	8
87	WB 4303	HRW		33.8	29.8	30.5	32.5	31.5	34.0	26.5	31.2	9
92	LCS Rocket (NSA 10-2196)	HRW	D	34.3	31.0	30.8	31.7	30.7	31.8	28.3	31.2	10
99	OR2150169R	HRW		33.8	30.7	29.7	31.3	30.0	34.8	27.0	31.0	11
98	OR2160065H	HWW		34.3	30.0	30.3	31.8	30.5	34.0	26.3	31.0	12
84	AP Redeye (05PN044-20)	HRW		34.0	30.0	31.3	32.3	28.0	32.3	28.8	30.9	13
95	Irv	HWW		34.5	30.3	30.3	31.3	28.5	34.5	27.0	30.9	14
96	Millie	HWW		34.3	30.3	30.3	31.5	30.0	33.0	27.0	30.9	15
88	WB 4311 (XA 4104)	HRW		34.3	30.0	30.0	31.0	30.5	33.0	26.8	30.8	16
81	WA 8289	HRW		33.0	29.3	31.0	31.3	29.8	32.8	26.3	30.5	17
80	WA 8268	HRW		34.3	29.0	29.3	31.0	28.8	33.3	27.3	30.4	18
101	OR2160011R	HRW		33.5	29.0	29.8	32.0	29.0	32.3	27.0	30.4	19
100	OR2160008R	HRW		33.5	30.0	28.8	30.5	28.7	32.3	26.8	30.1	20
102	OR2160089R	HRW		33.3	29.0	28.8	30.5	No Data	31.8	25.8	29.8	21
91	LCS Jet	HRW	A	33.5	27.3	29.5	31.5	28.5	30.8	26.7	29.7	22
82	SY Touchstone (04PN028B-3)	HRW	LD	32.8	29.3	28.3	30.0	27.3	32.3	26.3	29.4	23
93	LCS Aymeric	HRW		31.8	26.0	27.3	29.5	27.3	30.8	25.3	28.3	24
	Site Average			34.5	30.7	30.9	32.4	30.5	33.9	28.0	31.6	
	LSD (0.05)			1.6	2.0	1.6	1.6	1.2	1.2	1.6		
	CV (%)			3.3	4.7	3.8	3.4	2.8	2.5	4.0		

¹Quality rating based on data from the USDA Western Wheat Quality Laboratory.

2019 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Test Weight Summary

OSU Cereal Extension

Entry	Variety	Class	Quality Rating ¹	Condon	Kent	Dufur	Moro-Kaseberg	Moro-CBARC	Lexington	Pomeroy	7-Site Mean	7-Site Rank
				lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu
89	WB 4394	HRW		63.1	63.7	64.8	64.8	61.3	64.1	65.1	63.8	1
79	Brawl CL+	HRW		63.0	63.5	64.4	64.5	61.8	64.1	65.4	63.8	2
96	Millie	HWW		63.0	63.1	64.4	64.2	62.6	63.1	65.2	63.6	3
88	WB 4311 (XA 4104)	HRW		62.3	62.8	64.1	63.8	63.5	63.7	64.4	63.5	4
85	Keldin	HRW	A	62.5	62.3	64.5	64.0	62.7	62.8	65.0	63.4	5
102	OR2160089R	HRW		62.2	62.0	64.9	63.3	No Data	62.1	64.7	63.2	6
82	SY Touchstone (04PN028B-3)	HRW	LD	62.7	62.4	64.1	63.3	62.5	62.6	64.7	63.2	7
84	AP Redeye (05PN044-20)	HRW		62.0	61.8	64.0	63.5	62.6	61.9	64.3	62.9	8
95	Irv	HWW		62.2	63.2	64.2	63.8	60.8	61.3	63.7	62.7	9
98	OR2160065H	HWW		62.1	61.9	63.1	62.7	63.0	61.9	64.0	62.7	10
87	WB 4303	HRW		61.9	62.1	63.8	62.6	62.0	62.2	63.8	62.6	11
86	WB 4623 CLP	HRW	MD	62.5	62.3	63.5	63.5	59.7	62.9	63.6	62.6	12
99	OR2150169R	HRW		61.7	61.4	64.1	63.1	61.0	61.1	64.2	62.4	13
80	WA 8268	HRW		62.1	60.8	63.7	62.7	61.5	60.0	63.9	62.1	14
83	Clearstone CL2	HRW		61.6	61.5	63.6	62.7	59.8	61.7	63.6	62.0	15
81	WA 8289	HRW		61.3	61.3	63.7	62.7	61.6	59.5	63.6	62.0	16
90	LCS Evina	HRW	D	60.7	61.2	63.2	62.8	59.6	60.0	63.6	61.6	17
101	OR2160011R	HRW		61.7	61.9	63.1	62.5	59.1	59.4	63.1	61.5	18
91	LCS Jet	HRW	A	60.6	60.2	62.8	61.9	61.3	60.4	63.1	61.5	19
78	UI Bronze Jade (DO 1706)	HWW		60.6	60.6	62.9	62.2	61.1	59.3	62.8	61.3	20
94	LCS Zoom (LWW14-73915)	HRW		60.6	59.9	62.4	61.8	59.5	60.7	62.6	61.1	21
92	LCS Rocket (NSA 10-2196)	HRW	D	59.6	58.9	63.2	61.5	59.6	60.3	62.9	60.9	22
100	OR2160008R	HRW		60.1	60.3	62.7	62.2	58.0	58.9	63.0	60.7	23
93	LCS Aymeric	HRW		59.8	59.1	61.8	61.3	58.5	56.9	61.6	59.8	24
	Site Average			61.6	61.6	63.6	62.9	61.0	61.2	63.8	62.3	
	LSD (0.05)			0.6	0.5	0.5	0.9	2.0	1.0	0.6		
	CV (%)			0.7	0.5	0.5	1.0	2.3	1.2	0.7		

¹Quality rating based on data from the USDA Western Wheat Quality Laboratory.

2019 Oregon Hard Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Protein Summary

OSU Cereal Extension

Entry	Variety	Class	Quality Rating ¹	Condon bu/ac	Kent bu/ac	Dufur bu/ac	Moro-Kaseberg bu/ac	Moro-CBARC bu/ac	Lexington bu/ac	Pomeroy bu/ac	7-Site Mean bu/ac	7-Site Rank
79	Brawl CL+	HRW		10.7	10.0	12.3	10.8	12.8	11.2	12.0	11.4	1
86	WB 4623 CLP	HRW	MD	10.1	9.0	12.5	10.6	13.6	11.3	12.3	11.3	2
88	WB 4311 (XA 4104)	HRW		9.8	9.4	12.3	10.6	12.9	10.9	11.3	11.0	3
96	Millie	HWW		9.6	8.8	11.6	10.7	13.0	10.8	11.2	10.8	4
82	SY Touchstone (04PN028B-3)	HRW	LD	10.0	9.0	11.7	10.3	12.9	10.4	11.4	10.8	5
98	OR2160065H	HWW		9.3	9.0	11.6	10.7	12.6	11.2	11.4	10.8	6
83	Clearstone CL2	HRW		9.5	8.1	12.3	10.3	13.2	10.6	11.4	10.8	7
95	Irv	HWW		8.6	8.1	11.7	11.0	13.1	10.8	10.8	10.6	8
80	WA 8268	HRW		9.7	7.7	11.7	9.9	12.5	10.9	11.3	10.5	9
87	WB 4303	HRW		9.5	8.7	11.4	9.9	12.4	10.4	11.1	10.5	10
99	OR2150169R	HRW		9.0	8.5	11.5	10.0	12.8	10.8	10.8	10.5	11
89	WB 4394	HRW		9.5	8.5	11.1	10.1	12.7	10.3	10.8	10.4	12
90	LCS Evina	HRW	D	8.4	7.7	11.0	9.2	13.1	11.6	10.8	10.2	13
85	Keldin	HRW	A	9.5	8.5	10.8	9.8	11.9	10.3	10.8	10.2	14
94	LCS Zoom (LWW14-73915)	HRW		9.4	7.6	11.2	10.4	12.5	10.3	10.1	10.2	15
100	OR2160008R	HRW		8.5	8.3	10.5	9.8	12.9	10.6	10.5	10.2	16
91	LCS Jet	HRW	A	8.9	7.6	11.3	9.8	12.0	10.6	10.4	10.1	17
101	OR2160011R	HRW		9.1	7.8	10.9	9.6	12.8	10.1	10.0	10.0	18
84	AP Redeye (05PN044-20)	HRW		9.2	8.1	10.7	10.1	12.2	9.5	10.6	10.0	19
78	UI Bronze Jade (DO 1706)	HWW		8.5	8.6	10.2	10.1	10.8	11.0	10.6	10.0	20
81	WA 8289	HRW		8.7	7.9	10.6	9.5	11.5	10.7	10.0	9.8	21
102	OR2160089R	HRW		8.9	7.8	11.5	9.7	No Data	10.0	10.5	9.7	22
92	LCS Rocket (NSA 10-2196)	HRW	D	8.4	7.1	10.2	8.6	12.5	10.0	9.7	9.5	23
93	LCS Aymeric	HRW		8.5	7.5	10.1	9.1	11.2	9.9	9.4	9.4	24
	Site Average			9.2	8.3	11.3	10.0	12.5	10.6	10.8	10.4	
	LSD (0.05)			1.0	0.5	0.6	0.8	1.1	1.0	0.4		
	CV (%)			7.5	4.2	3.7	5.7	6.4	6.5	2.7		

¹Quality rating based on data from the USDA Western Wheat Quality Laboratory.