

2019 Oregon Clearfield 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
16	LCS Artdeco*	SWW	A	57.3	47.6	62.8	90.8	64.7	86.3	76.6	69.4	1
6	Norwest Tandem*	SWW	A	62.6	40.1	61.9	77.4	77.5	81.6	81.3	68.9	2
5	Bobtail*	SWW	MD	65.1	49.0	59.2	70.4	73.6	70.9	81.9	67.1	3
50	UIL 17-6333 CL+	SWW		62.7	45.0	59.6	76.7	81.6	69.1	74.8	67.1	4
29	SY Dayton*	SWW	D	63.7	45.4	65.2	76.4	75.8	59.3	73.3	65.6	5
45	Resilience CL+	SWW	D	60.7	42.7	64.0	70.1	75.2	68.5	72.7	64.8	6
46	Stingray CL+ (WA 8275 CL+)	SWW		57.9	39.7	62.0	71.1	65.3	72.7	78.2	63.8	7
49	UI Castle CL+	SWW	MD	57.9	46.2	66.1	71.2	63.6	65.3	69.8	62.9	8
51	UIL 17-6451 CL+	SWW		54.1	44.9	57.2	70.8	74.8	64.9	72.9	62.8	9
54	Appleby CL+ (ORI2161250 CL+)	SWW		58.9	44.4	56.3	70.6	70.2	74.2	62.8	62.5	10
43	ORCF-102	SWW	A	61.3	45.7	62.6	69.2	58.9	67.5	72.0	62.5	11
53	ORI2161244 CL+	SWW		56.1	39.5	57.8	65.3	64.8	74.7	65.9	60.6	12
42	ORCF-101	SWW	D	58.0	43.5	55.8	65.6	65.1	64.5	70.4	60.4	13
48	UI Magic CL+	SWW	D	51.9	43.1	54.8	66.8	64.1	68.9	73.0	60.4	14
12	WB 1529*	SWW	A	57.0	43.8	50.7	57.1	74.4	64.1	68.4	59.4	15
52	OR 2x2 CL+ (ORI2150031 Cl+)	SWW		50.8	44.5	58.6	69.6	56.1	65.1	67.8	58.9	16
55	ORI2170011 Cl+	SWW		47.7	36.6	53.6	68.0	67.9	77.3	59.0	58.6	17
44	Curiosity CL+	SWW	A	50.0	31.0	59.8	65.7	66.8	67.0	66.8	58.2	18
47	WB 1376 CLP	SWW	LD	46.0	31.1	54.1	63.3	62.4	66.1	59.6	54.7	19
	Site Average			56.8	42.2	59.1	70.5	68.5	69.9	71.1	62.6	
	LSD (0.05)			10.1	5.8	7.8	7.0	11.1	7.1	7.4		
	CV (%)			12.7	9.7	9.4	7.1	11.6	7.2	7.4		

* Indicates check variety.

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

2019 Oregon Clearfield 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	
44	Curiosity CL+	SWW	A	37.0	36.5	34.8	34.0	33.0	38.5	34.0	35.4	1
51	UIL 17-6451 CL+	SWW		35.3	35.0	33.5	36.0	33.5	37.0	31.0	34.5	2
43	ORCF-102	SWW	A	36.3	33.8	32.8	35.0	32.7	37.8	29.8	34.0	3
52	OR 2x2 CL+ (ORI2150031 Cl+)	SWW		35.5	33.5	33.5	34.0	33.0	37.0	30.3	33.8	4
47	WB 1376 CLP	SWW	LD	35.3	33.3	32.5	33.5	32.3	36.5	29.3	33.2	5
54	Appleby CL+ (ORI2161250 CL+)	SWW		35.5	32.5	32.3	33.7	33.0	36.3	28.8	33.1	6
53	ORI2161244 CL+	SWW		34.8	33.0	33.3	33.3	32.3	35.8	28.3	32.9	7
42	ORCF-101	SWW	D	35.8	32.5	31.8	33.0	32.3	35.8	29.3	32.9	8
49	UI Castle CL+	SWW	MD	35.3	32.3	31.8	32.8	31.3	35.3	28.8	32.5	9
46	Stingray CL+ (WA 8275 CL+)	SWW		34.0	32.3	31.0	32.3	31.7	36.0	29.5	32.4	10
45	Resilience CL+	SWW	D	33.8	31.5	31.5	32.0	30.7	34.8	28.3	31.8	11
48	UI Magic CL+	SWW	D	34.8	32.0	31.3	32.5	30.7	32.8	28.3	31.7	12
5	Bobtail*	SWW	MD	35.3	31.5	30.0	32.0	30.8	32.8	29.3	31.6	13
29	SY Dayton*	SWW	D	34.0	32.3	30.3	31.5	29.8	33.3	26.8	31.1	14
50	UIL 17-6333 CL+	SWW		34.5	31.3	28.5	32.0	30.3	32.0	27.5	30.9	15
16	LCS Artdeco*	SWW	A	33.3	30.3	31.3	32.3	31.0	31.5	26.3	30.8	16
12	WB 1529*	SWW	A	34.8	30.3	29.0	30.0	30.7	33.0	27.8	30.8	17
55	ORI2170011 Cl+	SWW		32.5	29.8	29.5	31.3	31.5	32.3	26.0	30.4	18
6	Norwest Tandem*	SWW	A	32.5	30.3	29.3	31.7	29.8	31.0	26.5	30.1	19
	Site Average			34.7	32.3	31.4	32.8	31.5	34.7	28.7	32.3	
	LSD (0.05)			1.7	2.2	1.6	1.6	1.3	1.5	1.7		
	CV (%)			3.6	4.9	3.6	3.5	2.9	3.0	4.2		

* Indicates check variety.

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

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

OSU Cereal Extension

Entry	Variety	Class	Quality Rating ¹	Condon lbs/bu	Kent lbs/bu	Dufur lbs/bu	Moro-Kaseberg lbs/bu	Moro-CBARC lbs/bu	Lexington lbs/bu	Pomeroy lbs/bu	7-Site Mean lbs/bu	7-Site Rank
50	UIL 17-6333 CL+	SWW		62.3	61.5	64.9	63.9	62.4	62.1	64.7	63.1	1
47	WB 1376 CLP	SWW	LD	62.2	62.1	65.0	64.3	61.6	61.2	64.2	62.9	2
12	WB 1529*	SWW	A	61.3	61.1	64.8	63.1	61.5	62.0	64.0	62.5	3
51	UIL 17-6451 CL+	SWW		61.7	61.3	64.2	62.5	61.7	62.0	63.6	62.4	4
49	UI Castle CL+	SWW	MD	61.6	60.7	64.6	63.2	60.1	61.3	63.8	62.2	5
48	UI Magic CL+	SWW	D	61.2	60.7	64.3	62.0	60.2	62.0	63.7	62.0	6
54	Appleby CL+ (OR12161250 CL+)	SWW		61.2	60.3	64.1	62.4	61.0	61.9	63.4	62.0	7
45	Resilience CL+	SWW	D	60.0	60.5	63.8	62.6	61.4	60.4	63.2	61.7	8
44	Curiosity CL+	SWW	A	60.4	60.2	64.1	62.5	60.0	60.6	63.5	61.6	9
53	OR12161244 CL+	SWW		61.2	60.2	63.4	61.9	59.0	60.9	63.4	61.4	10
29	SY Dayton*	SWW	D	60.2	59.7	63.0	62.0	61.1	60.4	62.9	61.3	11
43	ORCF-102	SWW	A	60.7	59.9	63.5	62.2	59.2	60.2	63.1	61.2	12
46	Stingray CL+ (WA 8275 CL+)	SWW		60.8	59.0	63.8	62.8	59.0	59.3	63.3	61.1	13
6	Norwest Tandem*	SWW	A	60.1	59.1	63.1	61.7	60.0	61.0	62.9	61.1	14
52	OR 2x2 CL+ (OR12150031 Cl+)	SWW		60.8	60.0	63.2	62.0	58.4	60.6	62.7	61.1	15
42	ORCF-101	SWW	D	60.5	58.8	63.5	62.5	59.4	59.1	62.6	60.9	16
55	OR12170011 Cl+	SWW		59.9	59.5	63.3	61.4	59.3	59.4	62.5	60.8	17
16	LCS Artdeco*	SWW	A	58.7	57.9	62.0	60.1	56.2	59.9	61.5	59.5	18
5	Bobtail*	SWW	MD	58.7	57.3	61.0	59.9	58.5	57.0	60.2	58.9	19
	Site Average			60.7	60.0	63.7	62.3	59.9	60.6	63.1	61.5	
	LSD (0.05)			0.7	0.8	0.5	0.6	2.4	1.4	0.5		
	CV (%)			0.8	1.0	0.6	0.7	2.8	1.6	0.6		

* Indicates check variety.

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

Oregon Clearfield 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
47	WB 1376 CLP	SWW	LD	10.0	9.1	11.9	10.5	13.8	13.0	11.6	11.4	1
53	ORI2161244 CL+	SWW		10.1	9.1	11.0	9.7	12.6	11.1	11.0	10.6	2
52	OR 2x2 CL+ (ORI2150031 Cl+)	SWW		9.6	8.2	11.2	9.2	13.6	11.3	11.2	10.6	3
51	UIL 17-6451 CL+	SWW		9.5	8.6	10.9	9.1	12.6	11.4	11.2	10.5	4
43	ORCF-102	SWW	A	8.8	8.7	10.5	9.4	13.3	11.7	10.7	10.4	5
50	UIL 17-6333 CL+	SWW		9.0	8.2	11.3	9.7	12.0	11.8	10.8	10.4	6
46	Stingray CL+ (WA 8275 CL+)	SWW		8.7	9.1	10.2	9.2	13.2	11.9	10.4	10.4	7
42	ORCF-101	SWW	D	8.3	8.0	10.9	9.3	13.0	12.2	10.6	10.3	8
12	WB 1529*	SWW	A	8.7	8.3	11.0	9.5	12.1	10.8	10.9	10.2	9
48	UI Magic CL+	SWW	D	8.5	8.4	10.8	9.0	13.0	11.0	10.5	10.2	10
54	Appleby CL+ (ORI2161250 CL+)	SWW		9.0	8.2	10.8	9.8	11.6	10.4	11.0	10.1	11
45	Resilience CL+	SWW	D	8.5	8.7	10.4	9.5	11.7	11.2	10.5	10.1	12
49	UI Castle CL+	SWW	MD	8.8	8.0	10.2	9.2	11.9	10.8	10.8	10.0	13
55	ORI2170011 Cl+	SWW		8.2	8.1	10.4	9.1	12.3	11.4	10.2	9.9	14
29	SY Dayton*	SWW	D	8.7	7.3	9.9	9.0	11.1	11.0	10.3	9.6	15
6	Norwest Tandem*	SWW	A	8.7	7.4	10.0	8.7	11.6	10.1	10.1	9.5	16
16	LCS Artdeco*	SWW	A	8.7	7.4	9.4	8.1	12.8	9.7	9.4	9.3	17
44	Curiosity CL+	SWW	A	7.9	7.2	9.3	8.1	10.8	10.9	9.7	9.1	18
5	Bobtail*	SWW	MD	7.8	7.7	9.0	8.3	11.5	10.5	9.0	9.1	19
	Site Average			8.8	8.2	10.5	9.2	12.3	11.2	10.5	10.1	
	LSD (0.05)			1.1	1.0	0.5	0.5	1.5	1.0	0.4		
	CV (%)			8.8	9.1	3.6	4.2	8.7	6.6	2.6		

* Indicates check variety.

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