

2018 Oregon Clearfield Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Grain Yield Summary

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Entry	Variety	Class	Quality Rating ^a	Moro-Kaseberg bu/ac	Kent bu/ac	Lexington bu/ac	Pomeroy, WA bu/ac	4-Site Mean bu/ac	4-Site Rank
				SQL =	SQL =	SQL =	SQL =		
2	LCS Artdeco*	SWW	A	128.6	74.3	54.1	111.5	92.2	1
5	Norwest Tandem (LOR 334)*	SWW	A	116.1	71.0	58.6	105.3	87.8	2
1	Bobtail*	SWW	MD	103.3	74.1	55.0	102.5	83.7	3
4	SY Dayton*	SWW	D	118.1	71.8	50.4	93.8	83.5	4
13	Stingray CL+ (WA 8275 CL+)	SWW		104.7	68.7	57.7	100.3	82.9	5
8	UI Magic CL+	SWW	D	112.0	65.8	56.3	95.2	82.3	6
20	ORI2161250 CL+	SWW		102.4	72.0	54.3	96.5	81.3	7
10	UI Palouse CL +	SWW	MD	104.9	68.2	52.4	98.6	81.0	8
19	ORI2161244 CL+	SWW		98.1	71.9	56.2	96.8	80.7	9
6	ORCF-101	SWW	D	101.5	69.7	60.3	89.8	80.3	10
3	WB 1529*	SWW	A	95.9	69.6	54.8	91.4	77.9	11
9	UI Castle CL+	SWW	MD	95.1	63.5	50.7	99.7	77.3	12
7	ORCF-102	SWW	A	99.9	66.1	52.7	90.2	77.2	13
12	Resilience CL+ (WA 8187)	SWW	D	99.3	65.3	55.0	85.5	76.3	14
14	WB 1376 CLP	SWW		94.8	62.6	57.1	88.4	75.7	15
15	ORI2150031 CL+	SWW		92.4	65.6	42.7	91.4	73.0	16
16	ORI2150033 CL+	SWW		86.6	62.1	42.8	95.5	71.7	17
18	ORI2150030 CL+	SWW		87.1	60.4	40.4	90.9	69.7	18
17	ORI2150061 CL+	SWW		90.0	61.4	46.3	80.3	69.5	19
11	Curiosity CL+	SWW	A	73.3	66.2	50.4	87.5	69.4	20
	Site Average			100.2	67.5	52.4	94.6	78.7	
	LSD (0.05)			6.5	10.9	5.7	10.0		
	CV (%)			4.6	11.4	7.7	7.4		

^aSQL 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.

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

2018 Oregon Clearfield Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Height Summary

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Entry	Variety	Class	Quality Rating ^a	Moro-Kaseberg in	Kent in	Lexington in	Pomeroy, WA in	4-Site Mean in	4-Site Rank
				SQI =	SQI =	SQI =	SQI =		
11	Curiosity CL+	SWW	A	40.8	34.5	31.5	34.5	35.3	1
20	ORI2161250 CL+	SWW		40.5	32.8	33.5	33.3	35.0	2
7	ORCF-102	SWW	A	39.5	34.0	32.3	33.5	34.8	3
14	WB 1376 CLP	SWW		40.3	31.5	33.3	32.5	34.4	4
15	ORI2150031 CL+	SWW		38.0	33.5	32.8	33.0	34.3	5
16	ORI2150033 CL+	SWW		37.8	33.5	32.3	33.3	34.2	6
19	ORI2161244 CL+	SWW		40.0	31.3	33.0	32.5	34.2	7
18	ORI2150030 CL+	SWW		38.0	33.3	32.3	33.0	34.1	8
9	UI Castle CL+	SWW	MD	38.3	31.8	31.3	34.3	33.9	9
6	ORCF-101	SWW	D	37.3	31.5	32.0	31.3	33.0	10
13	Stingray CL+ (WA 8275 CL+)	SWW		36.3	31.5	31.5	32.3	32.9	11
3	WB 1529*	SWW	A	36.8	31.8	30.8	30.3	32.4	12
4	SY Dayton*	SWW	D	36.5	31.5	29.8	31.3	32.3	13
10	UI Palouse CL +	SWW	MD	36.3	31.5	29.5	31.8	32.3	14
1	Bobtail*	SWW	MD	36.5	30.5	29.3	31.3	31.9	15
12	Resilience CL+ (WA 8187)	SWW	D	35.5	30.3	31.3	30.5	31.9	16
17	ORI2150061 CL+	SWW		36.0	30.3	30.5	29.8	31.6	17
8	UI Magic CL+	SWW	D	35.3	29.5	31.0	30.5	31.6	18
2	LCS Ardecco*	SWW	A	35.8	28.8	28.0	30.3	30.7	19
5	Norwest Tandem (LOR 334)*	SWW	A	33.8	28.0	28.8	27.8	29.6	20
	Site Average			37.4	31.6	31.2	31.8	33.0	
	LSD (0.05)			1.3	2.4	1.4	1.4		
	CV (%)			2.5	5.4	3.1	3.0		

^a 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.

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

2018 Oregon Clearfield Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Test Weight Summary

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Entry	Variety	Class	Quality Rating ^a	Moro-Kaseberg lbs/bu	Kent lbs/bu	Lexington lbs/bu	Pomeroy, WA lbs/bu	4-Site Mean lbs/bu	4-Site Rank
				SQI =	SQI =	SQI =	SQI =		
14	WB 1376 CLP	SWW		65.7	64.4	63.3	65.5	64.7	1
17	OR12150061 CL+	SWW		64.0	63.7	62.5	64.7	63.7	2
3	WB 1529*	SWW	A	64.1	63.6	61.1	65.3	63.5	3
20	OR12161250 CL+	SWW		63.4	62.2	61.1	64.4	62.8	4
7	ORCF-102	SWW	A	63.2	61.9	61.0	64.1	62.5	5
8	UI Magic CL+	SWW	D	63.0	61.7	61.1	64.3	62.5	6
5	Norwest Tandem (LOR 334)*	SWW	A	62.5	62.2	61.2	64.1	62.5	7
12	Resilience CL+ (WA 8187)	SWW	D	62.9	61.7	60.7	64.5	62.5	8
9	UI Castle CL+	SWW	MD	62.7	61.6	60.6	64.6	62.3	9
13	Stingray CL+ (WA 8275 CL+)	SWW		63.3	61.1	60.4	64.2	62.2	10
11	Curiosity CL+	SWW	A	62.7	61.1	61.3	63.7	62.2	11
18	OR12150030 CL+	SWW		63.2	61.2	60.1	64.0	62.1	12
19	OR12161244 CL+	SWW		62.3	61.7	60.3	64.0	62.1	13
15	OR12150031 CL+	SWW		62.7	61.8	60.1	63.7	62.1	14
6	ORCF-101	SWW	D	62.4	61.2	60.8	63.6	62.0	15
4	SY Dayton*	SWW	D	63.1	61.2	59.5	64.2	62.0	16
16	OR12150033 CL+	SWW		62.5	61.5	60.1	63.5	61.9	17
10	UI Palouse CL +	SWW	MD	62.9	60.9	60.1	63.3	61.8	18
2	LCS Artdecco*	SWW	A	61.3	60.2	59.1	62.8	60.8	19
1	Bobtail*	SWW	MD	59.6	58.6	57.3	61.1	59.2	20
	Site Average			62.9	61.7	60.6	64.0	62.3	
	LSD (0.05)			0.6	1.2	0.4	0.7		
	CV (%)			0.7	1.4	0.5	0.8		

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

2018 Oregon Clearfield Winter Wheat Elite Yield Trials - Low to Intermediate Rainfall Protein Summary

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Entry	Variety	Class	Quality Rating ^a	Moro-Kaseberg	Kent	Lexington	Pomeroy, WA	4-Site Mean	4-Site Rank
				%	%	%	%	%	
				SQI =	SQI =	SQI =	SQI =		
17	ORI2150061 CL+	SWW		9.3	9.1	9.1	11.6	9.8	1
14	WB 1376 CLP	SWW		9.6	9.8	8.7	10.3	9.6	2
18	ORI2150030 CL+	SWW		9.1	9.0	8.5	10.5	9.3	3
16	ORI2150033 CL+	SWW		9.0	9.1	8.2	9.7	9.0	4
7	ORCF-102	SWW	A	8.9	8.1	8.3	9.8	8.8	5
6	ORCF-101	SWW	D	8.7	7.9	8.5	9.9	8.7	6
15	ORI2150031 CL+	SWW		8.9	7.5	8.2	10.3	8.7	7
12	Resilience CL+ (WA 8187)	SWW	D	9.1	7.9	7.8	10.1	8.7	8
9	UI Castle CL+	SWW	MD	8.7	8.3	8.1	9.6	8.7	9
8	UI Magic CL+	SWW	D	9.1	7.9	7.9	9.7	8.6	10
4	SY Dayton*	SWW	D	8.4	8.5	7.9	9.5	8.6	11
13	Stingray CL+ (WA 8275 CL+)	SWW		8.6	8.1	7.9	9.7	8.6	12
10	UI Palouse CL +	SWW	MD	8.3	8.0	8.4	9.5	8.5	13
19	ORI2161244 CL+	SWW		8.4	7.5	7.7	10.2	8.4	14
3	WB 1529*	SWW	A	8.4	7.2	8.3	9.7	8.4	15
11	Curiosity CL+	SWW	A	8.5	8.1	7.4	9.4	8.3	16
20	ORI2161250 CL+	SWW		8.5	7.1	8.0	9.7	8.3	17
1	Bobtail*	SWW	MD	8.7	7.4	8.6	8.5	8.3	18
2	LCS Ardecco*	SWW	A	8.1	7.8	8.7	8.6	8.3	19
5	Norwest Tandem (LOR 334)*	SWW	A	8.3	7.3	7.8	9.2	8.2	20
	Site Average			8.7	8.1	8.2	9.8	8.7	
	LSD (0.05)			0.9	1.7	1.3	0.6		
	CV (%)			6.9	15.0	11.0	4.0		

^aSQI 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.

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