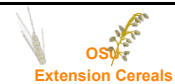




2018 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Yield Summary



Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs bu/ac	Hermiston bu/ac	La Grande bu/ac	3-Site Mean bu/ac	3-Site Rank
				SQL = 4	SQL = 3	SQL = 3.5		
1	Bobtail	SWW	MD	128.4	139.5	146.5	138.2	1
2	LCS Artdeco	SWW	A	124.5	137.2	151.1	137.6	2
13	Stingray CL+ (WA 8275 CL+)	SWW		114.9	152.7	139.7	135.8	3
5	Norwest Tandem (LOR 334)	SWW	A	125.5	135.4	140.5	133.8	4
4	SY Dayton	SWW	D	124.2	125.3	143.3	130.9	5
3	WB 1529	SWW	A	121.2	120.6	140.3	127.4	6
12	Resilience CL+ (WA 8187)	SWW	D	105.5	144.6	132.0	127.4	7
20	ORI2161250 CL+	SWW		116.7	120.9	137.1	124.9	8
19	ORI2161244 CL+	SWW		114.8	125.0	133.7	124.5	9
18	ORI2150030 CL+	SWW		108.5	133.7	126.0	122.7	10
15	ORI2150031 CL+	SWW		107.0	132.5	124.4	121.3	11
6	ORCF-101	SWW	D	110.6	130.3	121.2	120.7	12
8	UI Magic CL+	SWW	D	113.9	116.2	126.4	118.9	13
16	ORI2150033 CL+	SWW		105.4	125.5	125.1	118.7	14
10	UI Palouse CL +	SWW	MD	111.8	124.6	118.3	118.2	15
14	WB 1376 CLP	SWW		100.9	134.7	116.7	117.4	16
7	ORCF-102	SWW	A	105.7	126.0	119.9	117.2	17
17	ORI2150061 CL+	SWW		101.6	130.9	115.5	116.0	18
9	UI Castle CL+	SWW	MD	113.5	109.9	110.1	111.1	19
11	Curiosity CL+	SWW	A	109.2	82.1	85.3	92.2	20
	Site Average			113.2	128.4	126.9	122.7	
	LSD (0.05)			11.1	16.5	13.9		
	CV (%)			6.9	8.9	7.7		

^aSQL is the Site Quality Index. The SQL 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 - High Rainfall and Irrigated Height Summary



Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs in	Hermiston in	La Grande in	3-Site Mean in	3-Site Rank
				SQI = 4	SQI = 3	SQI = 3.5		
11	Curiosity CL+	SWW	A	42.8	38.0	41.3	40.7	1
7	ORCF-102	SWW	A	35.5	38.3	41.7	38.5	2
20	ORI2161250 CL+	SWW		36.0	37.5	41.3	38.3	3
9	UI Castie CL+	SWW	MD	36.5	36.3	39.5	37.4	4
15	ORI2150031 CL+	SWW		36.0	36.7	39.5	37.4	5
14	WB 1376 CLP	SWW		33.5	39.7	38.0	37.1	6
19	ORI2161244 CL+	SWW		35.3	36.3	39.0	36.9	7
16	ORI2150033 CL+	SWW		35.0	36.0	39.0	36.7	8
18	ORI2150030 CL+	SWW		35.5	35.0	38.5	36.3	9
6	ORCF-101	SWW	D	32.8	38.0	37.5	36.1	10
13	Stingray CL+ (WA 8275 CL+)	SWW		32.8	36.7	38.0	35.8	11
1	Bobtail	SWW	MD	34.3	36.3	36.8	35.8	12
10	UI Palouse CL +	SWW	MD	33.3	36.0	38.0	35.8	13
17	ORI2150061 CL+	SWW		32.3	38.0	37.0	35.8	14
12	Resilience CL+ (WA 8187)	SWW	D	34.0	35.7	37.5	35.7	15
4	SY Dayton	SWW	D	34.0	35.3	37.0	35.4	16
8	UI Magic CL+	SWW	D	33.0	34.5	38.0	35.2	17
3	WB 1529	SWW	A	34.0	34.0	37.3	35.1	18
2	LCS Artdeco	SWW	A	32.0	33.7	36.5	34.1	19
5	Norwest Tandem (LOR 334)	SWW	A	30.8	34.3	35.3	33.5	20
	Site Average			34.5	36.3	38.3	36.4	
	LSD (0.05)			1.7	1.5	1.4		
	CV (%)			3.4	2.8	2.7		

^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.

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



2018 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Test Weight Summary



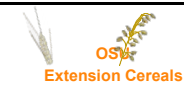
Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs lbs/bu	Hermiston lbs/bu	La Grande lbs/bu	3-Site Mean lbs/bu	3-Site Rank
				SQI = 4	SQI = 3	SQI = 3.5		
14	WB 1376 CLP	SWW		64.8	64.3	65.9	65.0	1
3	WB 1529	SWW	A	64.0	63.9	65.3	64.4	2
17	ORI2150061 CL+	SWW		63.9	64.1	64.4	64.2	3
18	ORI2150030 CL+	SWW		63.1	63.3	64.1	63.5	4
9	UI Castle CL+	SWW	MD	63.4	63.0	64.1	63.5	5
20	ORI2161250 CL+	SWW		63.4	62.5	64.4	63.4	6
6	ORCF-101	SWW	D	62.4	63.4	64.2	63.4	7
16	ORI2150033 CL+	SWW		62.6	63.3	64.0	63.3	8
15	ORI2150031 CL+	SWW		62.6	63.0	64.3	63.3	9
7	ORCF-102	SWW	A	63.1	63.2	63.4	63.2	10
12	Resilience CL+ (WA 8187)	SWW	D	62.5	63.3	63.7	63.2	11
5	Norwest Tandem (LOR 334)	SWW	A	62.7	63.0	63.8	63.2	12
4	SY Dayton	SWW	D	63.0	62.9	63.5	63.1	13
8	UI Magic CL+	SWW	D	62.8	62.6	63.6	63.0	14
10	UI Palouse CL +	SWW	MD	62.4	63.8	62.8	63.0	15
19	ORI2161244 CL+	SWW		62.5	62.4	64.1	63.0	16
13	Stingray CL+ (WA 8275 CL+)	SWW		62.7	62.6	63.6	63.0	17
2	LCS Artdeco	SWW	A	61.7	62.2	63.3	62.4	18
11	Curiosity CL+	SWW	A	62.4	60.8	62.2	61.8	19
1	Bobtail	SWW	MD	60.3	60.7	62.7	61.2	20
	Site Average			62.8	62.9	63.8	63.2	
	LSD (0.05)			0.5	0.6	0.6		
	CV (%)			0.6	0.7	0.6		

^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.

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



2018 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Protein Summary



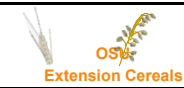
Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs %	Hermiston %	La Grande %	3-Site Mean %	3-Site Rank
				SQI = 4	SQI = 3	SQI = 3.5		
17	ORI2150061 CL+	SWW		10.8	11.7	11.4	11.3	1
14	WB 1376 CLP	SWW		9.7	11.6	10.8	10.7	2
15	ORI2150031 CL+	SWW		9.9	10.9	11.0	10.6	3
19	ORI2161244 CL+	SWW		9.5	11.1	11.0	10.5	4
6	ORCF-101	SWW	D	9.5	11.0	10.4	10.3	5
20	ORI2161250 CL+	SWW		9.5	10.7	10.5	10.2	6
18	ORI2150030 CL+	SWW		9.3	10.7	10.6	10.2	7
13	Stingray CL+ (WA 8275 CL+)	SWW		9.5	11.0	10.0	10.1	8
3	WB 1529	SWW	A	9.3	10.2	10.9	10.1	9
16	ORI2150033 CL+	SWW		9.2	10.4	10.7	10.1	10
7	ORCF-102	SWW	A	9.5	10.8	9.7	10.0	11
10	UI Palouse CL +	SWW	MD	9.1	10.1	10.6	9.9	12
12	Resilience CL+ (WA 8187)	SWW	D	8.9	10.5	10.2	9.9	13
9	UI Castle CL+	SWW	MD	8.8	10.7	9.8	9.8	14
5	Norwest Tandem (LOR 334)	SWW	A	9.5	9.8	10.0	9.7	15
8	UI Magic CL+	SWW	D	8.7	10.6	9.6	9.6	16
4	SY Dayton	SWW	D	9.0	9.6	10.0	9.5	17
1	Bobtail	SWW	MD	8.9	9.1	10.1	9.4	18
2	LCS Ardeco	SWW	A	8.5	9.4	10.0	9.3	19
11	Curiosity CL+	SWW	A	8.8	9.1	9.7	9.2	20
	Site Average			9.3	10.5	10.3	10.0	
	LSD (0.05)			1.0	0.7	0.7		
	CV (%)			7.4	4.5	4.9		

^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.

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



2018 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Lodging Summary



Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs %	Hermiston %	La Grande %	1-Site Mean %	1-Site Rank
				SQI = 4	SQI = 3	SQI = 3.5		
3	WB 1529	SWW	A		66.7		66.7	1
9	UI Castle CL+	SWW	MD		66.7		66.7	2
11	Curiosity CL+	SWW	A		65.0		65.0	3
8	UI Magic CL+	SWW	D		45.0		45.0	4
1	Bobtail	SWW	MD		36.7		36.7	5
4	SY Dayton	SWW	D		36.7		36.7	6
20	ORI2161250 CL+	SWW			25.0		25.0	7
2	LCS Artdeco	SWW	A		13.3		13.3	8
7	ORCF-102	SWW	A		6.7		6.7	9
19	ORI2161244 CL+	SWW			6.7		6.7	10
5	Norwest Tandem (LOR 334)	SWW	A		3.3		3.3	11
6	ORCF-101	SWW	D		0.0		0.0	12
10	UI Palouse CL +	SWW	MD		0.0		0.0	13
12	Resilience CL+ (WA 8187)	SWW	D		0.0		0.0	14
13	Stingray CL+ (WA 8275 CL+)	SWW			0.0		0.0	15
14	WB 1376 CLP	SWW			0.0		0.0	16
15	ORI2150031 CL+	SWW			0.0		0.0	17
16	ORI2150033 CL+	SWW			0.0		0.0	18
17	ORI2150061 CL+	SWW			0.0		0.0	19
18	ORI2150030 CL+	SWW			0.0		0.0	20
	Site Average				17.8		18.6	
	LSD (0.05)				29.6			
	CV (%)				115.5			

^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.

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



2018 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Quality Rating ^a	Pendleton-Ruggs	Hermiston	La Grande	2-Site Mean	2-Site Rank
				SQI = 4	SQI = 3	SQI = 3.5		
2	LCS Artdeco	SWW	A	5-19		5-22	5-20	1
19	ORI2161244 CL+	SWW		5-19		5-25	5-22	2
20	ORI2161250 CL+	SWW		5-20		5-25	5-22	3
5	Norwest Tandem (LOR 334)	SWW	A	5-21		5-25	5-23	4
8	UI Magic CL+	SWW	D	5-21		5-28	5-24	5
17	ORI2150061 CL+	SWW		5-22		5-28	5-25	6
14	WB 1376 CLP	SWW		5-22		5-30	5-26	7
3	WB 1529	SWW	A	5-24		5-29	5-26	8
4	SY Dayton	SWW	D	5-23		5-30	5-26	9
18	ORI2150030 CL+	SWW		5-24		5-30	5-27	10
16	ORI2150033 CL+	SWW		5-24		5-31	5-27	11
6	ORCF-101	SWW	D	5-24		6-1	5-28	12
7	ORCF-102	SWW	A	5-24		6-2	5-28	13
9	UI Castle CL+	SWW	MD	5-24		6-2	5-28	14
10	UI Palouse CL +	SWW	MD	5-24		6-2	5-28	15
1	Bobtail	SWW	MD	5-25		6-2	5-29	16
15	ORI2150031 CL+	SWW		5-25		6-2	5-29	17
12	Resilience CL+ (WA 8187)	SWW	D	5-25		6-3	5-29	18
13	Stingray CL+ (WA 8275 CL+)	SWW		5-25		6-4	5-30	19
11	Curiosity CL+	SWW	A	5-27		6-7	6-1	20
	Site Average			5-23		5-31	5-26	
	LSD (0.05)			1.1		1.6		
	CV (%)							

^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.

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