



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Yield Summary



Entry	Variety	Class	Dayton, WA bu/ac	Hermiston bu/ac	LaGrande bu/ac	Pendleton-Ruggs bu/ac	South Willamette Valley bu/ac	Walla Walla, WA bu/ac	6-Site Mean bu/ac	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
5	NORWEST TANDEM (LOR 334)*	SWW	136.0	135.9	157.9	123.6	160.1	129.0	142.7	1
1	BOBTAIL*	SWW	139.0	138.5	141.4	122.2	159.9	152.0	140.2	2
14	WA 8275 CL+	SWW	143.0	129.0	151.7	115.2	142.0	151.0	136.2	3
2	LCS ARTDECO*	SWW	140.0	132.4	154.4	97.6	145.6	160.0	134.0	4
4	SY OVATION*	SWW	131.0	131.2	156.8	101.2	139.8	147.0	132.0	5
3	WB 1529*	SWW		136.0	149.0	83.6	158.3		131.7	6
15	WB 1376 CLP	SWW	123.0	128.9	145.2	103.7	153.4	139.0	130.8	7
19	ORI2150033 CL+	SWW	126.0	126.2	121.9	114.7	154.1	142.0	128.6	8
18	ORI2150031 CL+	SWW	126.0	126.8	135.2	114.0	139.7	137.0	128.4	9
22	UI MAGIC / WB 1376 BLEND	SWW	134.0	114.6	148.9	87.4	143.3	138.0	125.6	10
6	ORCF-101	SWW	121.0	130.9	138.9	96.2	130.8	121.0	123.6	11
21	UI MAGIC / UI CASTLE BLEND	SWW	133.0	115.3	130.6	80.9	151.9	113.0	122.3	12
24	UI CASTLE / WB 1376 BLEND	SWW		117.1	141.8	84.4	142.9		121.5	13
20	ORI2150061 CL+	SWW	106.0	118.9	121.8	108.8	150.0	116.0	121.1	14
9	UI MAGIC CL+	SWW	133.0	107.7	130.7	68.4	154.4	134.0	118.8	15
7	ORCF-102	SWW	119.0	118.5	132.1	67.3	155.3	141.0	118.5	16
10	UI CASTLE CL+	SWW	120.0	122.4	125.4	73.5	147.6	102.0	117.8	17
25	UI MAGIC / ORCF-102 BLEND	SWW		116.6	137.7	75.9	136.3		116.6	18
23	UI MAGIC / CURIOSITY BLEND	SWW		97.2	130.1	82.3	145.4		113.7	19
11	UI PALOUSE CL +	SWW	116.0	121.0	116.6	78.7	113.1	124.0	109.1	20
16	XA 1101 CLP	SWW	61.0	104.0	121.2	110.8	137.5	104.0	106.9	21
17	XA 1401 CLP	SWW	67.0	95.4	128.8	91.6	130.7	108.0	102.7	22
13	MELA CL+	SWW	110.0	92.1	87.9	84.2	112.9	71.0	97.4	23
8	ORCF-103	SWW	114.0	81.8	117.5	59.0	107.2	103.0	95.9	24
12	CURIOSITY CL+	SWW	103.0	93.5	93.3	76.0	107.9	83.0	94.7	25
	Site Average		121.0	117.3	133.4	92.0	140.7	126.0	120.9	
	LSD (0.05)		10.0	9.8	14.7	9.0	13.8	9.0		
	CV (%)		6.0	5.9	7.1	6.9	6.3	5.0		

* 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.



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Test Weight Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu
			SQL = 4	SQL = 3.5	SQL = 3	SQL = 3.5	SQL = 4	SQL = 3.5		
15	WB 1376 CLP	SWW	65.1	63.8	64.1	62.9	63.2	65.4	63.8	1
20	OR12150061 CL+	SWW	64.1	63.9	63.5	63.7	63.7	64.9	63.8	2
17	XA 1401 CLP	SWW	63.4	63.7	62.8	62.9	62.3	64.3	63.0	3
3	WB 1529*	SWW		63.7	62.4	62.9	62.9		63.0	4
22	UI MAGIC / WB 1376 BLEND	SWW	64.6	62.9	63.0	61.6	62.3	64.7	62.9	5
16	XA 1101 CLP	SWW	63.8	61.9	61.8	62.2	62.3	62.9	62.4	6
4	SY OVATION*	SWW	63.4	62.1	60.9	61.3	61.6	64.1	61.9	7
24	UI CASTLE / WB 1376 BLEND	SWW		62.8	61.3	60.4	62.4		61.7	8
5	NORWEST TANDEM (LOR 334)*	SWW	63.0	62.1	61.4	61.5	60.5	63.5	61.7	9
21	UI MAGIC / UI CASTLE BLEND	SWW	63.4	62.1	60.4	60.4	61.5	62.0	61.6	10
18	OR12150031 CL+	SWW	62.3	62.3	60.1	60.5	61.5	64.2	61.3	11
9	UI MAGIC CL+	SWW	63.9	61.6	60.2	60.0	60.8	63.9	61.3	12
7	ORCF-102	SWW	62.6	61.8	59.4	60.0	62.1	63.7	61.2	13
19	OR12150033 CL+	SWW	62.4	62.1	60.0	60.2	61.0	64.2	61.1	14
23	UI MAGIC / CURIOSITY BLEND	SWW		61.5	61.1	60.7	60.7		61.0	15
6	ORCF-101	SWW	62.5	62.5	60.4	59.8	59.7	63.7	61.0	16
10	UI CASTLE CL+	SWW	62.8	62.4	59.5	59.0	61.2	62.0	61.0	17
25	UI MAGIC / ORCF-102 BLEND	SWW		61.9	60.4	59.8	61.3		60.8	18
2	LCS ARTDECO*	SWW	63.4	60.6	60.8	60.3	58.5	62.9	60.7	19
14	WA 8275 CL+	SWW	62.4	61.8	59.4	59.0	58.9	63.2	60.3	20
11	UI PALOUSE CL +	SWW	62.6	61.9	58.9	58.3	59.4	63.1	60.2	21
12	CURIOSITY CL+	SWW	60.9	61.5	58.8	58.8	60.3	60.4	60.1	22
13	MELA CL+	SWW	61.4	61.1	57.5	58.8	59.8	61.0	59.7	23
8	ORCF-103	SWW	61.2	61.5	56.8	58.2	59.4	63.2	59.4	24
1	BOBTAIL*	SWW	60.4	60.0	56.3	57.9	59.0	62.4	58.7	25
	Site Average		62.7	62.1	60.4	60.4	61.0	63.3	61.3	
	LSD (0.05)		0.3	0.6	2.1	1.0	1.4	0.6		
	CV (%)		0.0	0.7	2.5	1.2	1.7	1.0		

* Indicates check variety.

† SQL 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.



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Protein Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			%	%	%	%	%	%	%	
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
17	XA 1401 CLP	SWW	12.8	12.9	12.7	14.1	13.0	13.7	13.1	1
16	XA 1101 CLP	SWW	11.5	11.8	12.7	14.3	12.2	13.9	12.5	2
15	WB 1376 CLP	SWW	11.6	11.5	11.6	13.7	12.7	12.3	12.2	3
20	OR12150061 CL+	SWW	12.0	11.3	12.4	13.1	11.5	12.6	12.0	4
19	OR12150033 CL+	SWW	10.9	11.0	11.8	13.5	12.6	11.6	12.0	5
24	UI CASTLE / WB 1376 BLEND	SWW		10.8	11.9	13.2	11.1		11.7	6
11	UI PALOUSE CL +	SWW	10.8	10.4	12.2	13.2	11.6	12.4	11.6	7
18	OR12150031 CL+	SWW	10.3	10.8	11.7	13.3	11.6	12.0	11.5	8
6	ORCF-101	SWW	10.7	10.2	11.6	13.1	11.5	12.1	11.4	9
22	UI MAGIC / WB 1376 BLEND	SWW	11.3	10.7	11.8	12.2	11.2	12.2	11.4	10
14	WA 8275 CL+	SWW	10.6	9.9	11.5	13.0	11.7	11.8	11.3	11
10	UI CASTLE CL+	SWW	10.7	9.8	12.0	13.0	11.0	12.6	11.3	12
25	UI MAGIC / ORCF-102 BLEND	SWW		10.1	11.3	12.5	11.2		11.3	13
21	UI MAGIC / UI CASTLE BLEND	SWW	11.0	10.2	11.4	12.2	10.7	12.6	11.1	14
13	MELA CL+	SWW	10.1	9.9	11.9	12.3	10.9	12.7	11.0	15
8	ORCF-103	SWW	9.9	9.8	11.7	12.1	11.5	12.2	11.0	16
1	BOBTAIL*	SWW	9.3	10.1	11.3	12.5	11.4	11.3	10.9	17
12	CURIOSITY CL+	SWW	10.4	9.6	11.7	12.6	10.2	12.7	10.9	18
3	WB 1529*	SWW		9.9	10.7	11.4	11.2		10.8	19
4	SY OVATION*	SWW	10.4	9.4	11.3	12.0	10.7	11.2	10.8	20
7	ORCF-102	SWW	10.4	9.9	11.4	11.9	10.1	11.9	10.7	21
9	UI MAGIC CL+	SWW	10.5	8.9	11.4	11.6	11.2	11.6	10.7	22
23	UI MAGIC / CURIOSITY BLEND	SWW		10.2	10.8	11.4	10.1		10.6	23
5	NORWEST TANDEM (LOR 334)*	SWW	10.3	9.9	10.4	11.4	11.0	11.5	10.6	24
2	LCS ARTDECO*	SWW	9.3	9.5	10.1	10.5	11.4	11.0	10.2	25
	Site Average		10.7	10.3	11.6	12.6	11.3	12.1	11.3	
	LSD (0.05)		0.6	0.9	1.1	0.7	1.2	0.5		
	CV (%)		4.0	6.3	6.7	4.0	7.7	3.0		

* 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.



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Plant Height Summary



Entry	Variety	Class	Dayton, WA inches	Hermiston inches	LaGrande inches	Pendleton-Ruggs inches	South Willamette Valley inches	Walla Walla, WA inches	6-Site Mean %	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
12	CURIOSITY CL+	SWW	47.0	41.0	41.3	41.0	48.5	38.0	43.8	1
13	MELA CL+	SWW	49.0	40.3	40.0	41.5	48.0	41.0	43.8	2
7	ORCF-102	SWW	43.0	41.8	40.0	38.0	48.5	41.0	42.3	3
16	XA 1101 CLP	SWW	43.0	40.3	37.5	39.8	48.5	39.0	41.8	4
23	UI MAGIC / CURIOSITY BLEND	SWW		40.5	42.0	37.0	46.8		41.6	5
25	UI MAGIC / ORCF-102 BLEND	SWW		41.0	39.3	37.8	46.8		41.2	6
19	OR12150033 CL+	SWW	44.0	39.8	39.5	37.8	44.8	40.0	41.2	7
15	WB 1376 CLP	SWW	43.0	41.8	37.0	36.3	47.0	41.0	41.0	8
18	OR12150031 CL+	SWW	43.0	39.5	38.0	37.8	45.5	40.0	40.8	9
17	XA 1401 CLP	SWW	42.0	40.5	35.8	38.8	46.0	39.0	40.6	10
6	ORCF-101	SWW	41.0	40.8	37.5	36.5	47.0	39.0	40.6	11
21	UI MAGIC / UI CASTLE BLEND	SWW	43.0	39.3	39.3	36.3	43.8	36.0	40.3	12
10	UI CASTLE CL+	SWW	43.0	40.5	38.0	38.3	41.3	36.0	40.2	13
24	UI CASTLE / WB 1376 BLEND	SWW		40.0	37.5	37.0	46.0		40.1	14
22	UI MAGIC / WB 1376 BLEND	SWW	43.0	39.8	37.0	35.8	45.0	41.0	40.1	15
4	SY OVATION*	SWW	41.0	40.0	37.5	35.3	45.0	39.0	39.8	16
1	BOBTAIL*	SWW	41.0	38.3	36.8	36.8	45.0	39.0	39.6	17
8	ORCF-103	SWW	41.0	36.8	39.3	36.0	43.8	38.0	39.4	18
14	WA 8275 CL+	SWW	41.0	37.0	36.8	35.5	44.0	39.0	38.9	19
11	UI PALOUSE CL +	SWW	43.0	38.3	36.0	33.0	43.5	40.0	38.8	20
20	OR12150061 CL+	SWW	40.0	38.3	33.8	35.5	45.8	40.0	38.7	21
3	WB 1529*	SWW		38.8	35.8	34.0	45.8		38.6	22
9	UI MAGIC CL+	SWW	39.0	36.5	35.5	32.8	42.5	35.0	37.3	23
2	LCS ARTDECO*	SWW	40.0	36.0	33.8	31.8	41.8	36.0	36.7	24
5	NORWEST TANDEM (LOR 334)*	SWW	37.0	36.5	32.3	31.8	43.0	35.0	36.1	25
	Site Average		42.0	39.3	37.5	36.5	45.3	39.0	40.1	
	LSD (0.05)		2.0	2.1	2.2	1.4	2.7	2.0		
	CV (%)		3.0	3.7	4.2	2.8	4.3	3.0		

* 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.



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Dayton, WA DOY	Hermiston DOY	LaGrande DOY	Pendleton-Ruggs DOY	South Willamette Valley DOY	Walla Walla, WA DOY	6-Site Mean DOY	6-Site Rank
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
8	ORCF-103	SWW				158.0	150.0	148.0	154.0	1
13	MELA CL+	SWW				156.0	149.5	149.0	152.8	2
12	CURIOSITY CL+	SWW				156.0	149.3	149.0	152.6	3
11	UI PALOUSE CL +	SWW				153.5	145.0	143.0	149.3	4
1	BOBTAIL*	SWW				152.0	144.0	145.0	148.0	5
7	ORCF-102	SWW				152.5	143.5	143.0	148.0	6
10	UI CASTLE CL+	SWW				152.0	144.0	144.0	148.0	7
6	ORCF-101	SWW				151.5	144.0	143.0	147.8	8
14	WA 8275 CL+	SWW				151.5	144.0	144.0	147.8	9
25	UI MAGIC / ORCF-102 BLEND	SWW				152.0	143.5		147.8	10
24	UI CASTLE / WB 1376 BLEND	SWW				151.0	143.5		147.3	11
4	SY OVATION*	SWW				151.0	143.0	141.0	147.0	12
15	WB 1376 CLP	SWW				150.0	143.5	142.0	146.8	13
17	XA 1401 CLP	SWW				150.0	143.5	142.0	146.8	14
3	WB 1529*	SWW				150.0	143.0		146.5	15
19	OR12150033 CL+	SWW				150.0	142.5	144.0	146.3	16
16	XA 1101 CLP	SWW				150.0	142.0	141.0	146.0	17
18	OR12150031 CL+	SWW				150.0	142.0	143.0	146.0	18
22	UI MAGIC / WB 1376 BLEND	SWW				150.0	142.0	142.0	146.0	19
23	UI MAGIC / CURIOSITY BLEND	SWW				150.0	142.0		146.0	20
21	UI MAGIC / UI CASTLE BLEND	SWW				150.5	141.3	142.0	145.9	21
9	UI MAGIC CL+	SWW				150.0	139.0	141.0	144.5	22
20	OR12150061 CL+	SWW				148.5	139.0	142.0	143.8	23
5	NORWEST TANDEM (LOR 334)*	SWW				145.8	139.0	141.0	142.4	24
2	LCS ARTDECO*	SWW				144.3	128.5	138.0	136.4	25
	Site Average					151.0	142.8	143.0	146.9	
	LSD (0.05)					1.2	1.1	1.0		
	CV (%)					0.6	0.5	1.0		

* 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.



2017 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Lodging Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Pendleton-Ruggs	South Willamette Valley	Walla Walla, WA	6-Site Mean	6-Site Rank
			%	%	%	%	%	%	%	
			SQI = 4	SQI = 3.5	SQI = 3	SQI = 3.5	SQI = 4	SQI = 3.5		
13	MELA CL+	SWW	58.0	85.0			73.8	100.0	72.3	1
12	CURIOSITY CL+	SWW	58.0	47.5			51.3	100.0	52.3	2
10	UI CASTLE CL+	SWW	8.0	12.5			47.5	100.0	22.7	3
23	UI MAGIC / CURIOSITY BLEND	SWW		6.3			35.0		20.6	4
21	UI MAGIC / UI CASTLE BLEND	SWW	0.0	0.0			60.0	100.0	20.0	5
25	UI MAGIC / ORCF-102 BLEND	SWW		0.0			22.5		11.3	6
3	WB 1529*	SWW		0.0			15.0		7.5	7
17	XA 1401 CLP	SWW	0.0	0.0			18.8	67.0	6.3	8
1	BOBTAIL*	SWW	0.0	12.5			0.0	17.0	4.2	9
8	ORCF-103	SWW	0.0	0.0			10.0	97.0	3.3	10
24	UI CASTLE / WB 1376 BLEND	SWW		0.0			5.0		2.5	11
2	LCS ARTDECO*	SWW	0.0	0.0			0.0	0.0	0.0	12
4	SY OVATION*	SWW	0.0	0.0			0.0	88.0	0.0	13
5	NORWEST TANDEM (LOR 334)*	SWW	0.0	0.0			0.0	68.0	0.0	14
6	ORCF-101	SWW	0.0	0.0			0.0	17.0	0.0	15
7	ORCF-102	SWW	0.0	0.0			0.0	53.0	0.0	16
9	UI MAGIC CL+	SWW	0.0	0.0			0.0	75.0	0.0	17
11	UI PALOUSE CL +	SWW	0.0	0.0			0.0	22.0	0.0	18
14	WA 8275 CL+	SWW	0.0	0.0			0.0	13.0	0.0	19
15	WB 1376 CLP	SWW	0.0	0.0			0.0	2.0	0.0	20
16	XA 1101 CLP	SWW	0.0	0.0			0.0	98.0	0.0	21
18	ORI2150031 CL+	SWW	0.0	0.0			0.0	10.0	0.0	22
19	ORI2150033 CL+	SWW	0.0	0.0			0.0	8.0	0.0	23
20	ORI2150061 CL+	SWW	0.0	0.0			0.0	2.0	0.0	24
22	UI MAGIC / WB 1376 BLEND	SWW	0.0	0.0			0.0	17.0	0.0	25
	Site Average		5.0	6.6			13.6	48.0	8.4	
	LSD (0.05)		7.0	11.3			21.8	18.0		
	CV (%)		-	122.8			114.2	27.0		

* 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.