



## 2016 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	Milton-Freewater bu/ac	Pendleton-Ruggs bu/ac	South Willamette Valley bu/ac	6-Site Mean bu/ac	6-Site Rank
			<b>SQI = 4</b>	<b>SQI = 4</b>	<b>SQI = 2.5</b>	<b>SQI = 2.5</b>	<b>SQI = 3.5</b>	<b>SQI = 4</b>		
1	BOBTAIL*	SWW	185.6	140.0	117.5	92.8	101.1	108.3	124.2	1
4	SY OVATION*	SWW	177.4	138.7	114.9	78.2	91.2	102.8	117.2	2
2	LCS ARTDECO*	SWW	177.0	92.7	111.4	101.4	92.6	121.5	116.1	3
3	WB 1529*	SWW	166.0	121.5	99.7	85.2	79.4	127.9	113.3	4
14	WA 8235	SWW	158.8	122.4	90.7	81.2	123.5	99.0	112.6	5
10	UI CASTLE CL+	SWW	162.4	115.4	98.0	79.1	84.5	119.0	109.8	6
7	ORCF-102	SWW	157.1	111.5	113.6	83.6	77.2	104.5	107.9	7
9	UI MAGIC CL+	SWW	149.5	103.1	110.5	87.3	74.8	108.7	105.6	8
6	ORCF-101	SWW	155.7	124.9	107.4	63.8	92.0	89.4	105.5	9
15	WB 1376 CLP	SWW	139.0	116.0	97.4	80.2	97.3	102.8	105.5	10
13	MELA CL+	SWW	163.3	72.6	90.3	76.4	112.1	109.0	103.9	11
12	CURIOSITY CL+	SWW	164.4	71.1	83.3	73.9	102.4	111.5	101.1	12
11	UI PALOUSE CL+	SWW	158.0	109.0	82.9	69.2	94.2	75.6	98.1	13
8	ORCF-103	SWW	142.7	47.0	101.4	69.4	63.2	75.5	83.2	14
	Site Average		161.2	105.9	100.3	80.1	90.8	104.0	107.1	
	LSD (0.05)		15.4	11.3	16.5	7.7	10.6	10.3		
	CV (%)		6.6	7.1	10.6	6.7	7.9	7.0		

\* 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.



## 2016 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Test Weight Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Milton-Freewater	Pendleton-Ruggs	South Willamette Valley	6-Site Mean	6-Site Rank
			lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu	lbs/bu
			<b>SQI = 4</b>	<b>SQI = 4</b>	<b>SQI = 2.5</b>	<b>SQI = 2.5</b>	<b>SQI = 3.5</b>	<b>SQI = 4</b>		
15	WB 1376 CLP	SWW	64.2	63.5	61.7	57.9	62.9	59.4	61.6	1
3	WB 1529*	SWW	63.6	62.9	61.3	57.7	62.0	57.9	60.9	2
10	UI CASTLE CL+	SWW	62.9	62.7	60.9	57.3	61.6	58.2	60.6	3
7	ORCF-102	SWW	63.6	61.6	60.6	57.7	60.9	56.3	60.1	4
4	SY OVATION*	SWW	62.7	61.6	61.4	56.9	61.9	56.1	60.1	5
14	WA 8235	SWW	62.9	61.8	60.2	56.6	62.3	56.7	60.1	6
9	UI MAGIC CL+	SWW	63.6	60.3	60.9	56.4	62.1	57.1	60.0	7
12	CURIOSITY CL+	SWW	62.8	59.9	60.6	57.6	60.8	57.7	59.9	8
13	MELA CL+	SWW	62.2	61.2	60.4	57.4	59.4	57.6	59.7	9
6	ORCF-101	SWW	63.7	62.1	60.1	55.3	60.3	55.5	59.5	10
11	UI PALOUSE CL+	SWW	61.8	62.3	59.8	56.0	59.7	53.2	58.8	11
8	ORCF-103	SWW	62.5	60.5	59.9	55.9	59.8	53.8	58.7	12
1	BOBTAIL*	SWW	62.5	61.0	60.1	55.1	57.8	53.9	58.4	13
2	LCS ARTDECO*	SWW	62.3	58.1	58.5	56.0	57.1	54.0	57.7	14
	Site Average		62.9	61.4	60.4	56.7	60.6	56.2	59.7	
	LSD (0.05)		1.4	1.3	1.0	1.1	1.5	1.6		
	CV (%)		1.5	1.4	1.1	1.4	1.7	2.0		

\* 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.



## 2016 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Grain Protein Summary



Entry	Variety	Class	Dayton, WA %	Hermiston %	LaGrande %	Milton-Freewater %	Pendleton-Ruggs %	South Willamette Valley %	6-Site Mean %	6-Site Rank
			SQI = 4	SQI = 4	SQI = 2.5	SQI = 2.5	SQI = 3.5	SQI = 4		
15	WB 1376 CLP	SWW	12.2	12.8	13.2	17.1	12.7	11.1	13.2	1
6	ORCF-101	SWW	11.9	11.6	13.2	17.3	13.0	10.9	13.0	2
11	UI PALOUSE CL+	SWW	11.4	12.2	13.4	16.7	11.8	11.6	12.8	3
14	WA 8235	SWW	11.1	13.6	12.6	16.6	11.1	10.5	12.6	4
10	UI CASTLE CL+	SWW	12.0	12.3	12.3	15.6	11.3	9.9	12.2	5
13	MELA CL+	SWW	11.0	12.7	11.9	15.4	11.4	9.1	11.9	6
9	UI MAGIC CL+	SWW	11.8	10.6	12.2	15.2	11.2	10.1	11.9	7
7	ORCF-102	SWW	11.6	10.0	11.5	15.5	12.0	10.5	11.8	8
12	CURIOSITY CL+	SWW	11.4	11.4	12.4	15.9	11.1	8.6	11.8	9
8	ORCF-103	SWW	11.2	11.2	11.8	15.4	11.0	10.1	11.8	10
3	WB 1529*	SWW	10.7	12.0	11.8	14.7	11.5	9.5	11.7	11
4	SY OVATION*	SWW	11.3	11.6	11.3	15.2	11.1	9.8	11.7	12
1	BOBTAIL*	SWW	11.1	10.7	11.4	14.8	11.6	10.1	11.6	13
2	LCS ARTDECO*	SWW	10.8	11.9	11.1	13.3	11.0	9.2	11.2	14
	Site Average		11.4	11.8	12.1	15.6	11.6	10.1	12.1	
	LSD (0.05)		0.9	1.5	1.4	0.6	1.0	1.2		
	CV (%)		5.5	8.4	8.0	2.9	5.9	8.3		

\* 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.



## 2016 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Plant Height Summary



Entry	Variety	Class	Dayton, WA in	Hermiston in	LaGrande in	Milton-Freewater in	Pendleton-Ruggs in	South Willamette Valley in	6-Site Mean in	6-Site Rank
			<b>SQI = 4</b>	<b>SQI = 4</b>	<b>SQI = 2.5</b>	<b>SQI = 2.5</b>	<b>SQI = 3.5</b>	<b>SQI = 4</b>		
12	CURIOSITY CL+	SWW	44.3	35.4	38.0	41.3	41.0	49.3	41.5	1
13	MELA CL+	SWW	45.0	35.4	38.0	41.3	41.5	48.0	41.5	2
7	ORCF-102	SWW	44.0	37.4	39.8	39.8	38.0	47.0	41.0	3
10	UI CASTLE CL+	SWW	43.8	34.9	38.3	37.5	39.0	46.5	40.0	4
14	WA 8235	SWW	42.8	36.9	38.3	37.5	38.8	45.0	39.9	5
15	WB 1376 CLP	SWW	41.0	34.9	38.5	34.5	37.3	44.8	38.5	6
6	ORCF-101	SWW	40.0	33.0	39.3	36.0	36.3	42.3	37.8	7
11	UI PALOUSE CL+	SWW	41.3	32.0	37.3	36.0	36.0	41.5	37.3	8
1	BOBTAIL*	SWW	38.5	34.4	37.5	36.0	35.0	42.3	37.3	9
8	ORCF-103	SWW	40.0	31.5	34.8	36.8	33.5	43.3	36.6	10
4	SY OVATION*	SWW	39.8	34.4	36.3	31.5	35.0	42.8	36.6	11
3	WB 1529*	SWW	38.8	32.0	37.3	32.3	33.0	43.5	36.1	12
9	UI MAGIC CL+	SWW	37.8	30.5	36.0	33.0	33.0	41.8	35.3	13
2	LCS ARTDECO*	SWW	36.3	27.6	35.0	33.0	30.0	40.8	33.8	14
	Site Average		40.9	33.5	37.4	36.2	36.2	44.2	38.1	
	LSD (0.05)		1.9	3.4	3.1	2.5	2.3	1.7		
	CV (%)		3.2	6.9	5.9	4.9	4.4	2.7		

\* 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.



## 2016 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Heading Date Summary



Entry	Variety	Class	Dayton, WA DOY	Hermiston DOY	LaGrande DOY	Milton-Freewater DOY	Pendleton-Ruggs DOY	South Willamette Valley DOY	6-Site Mean DOY	6-Site Rank
			<b>SQI = 4</b>	<b>SQI = 4</b>	<b>SQI = 2.5</b>	<b>SQI = 2.5</b>	<b>SQI = 3.5</b>	<b>SQI = 4</b>		
12	CURIOSITY CL+	SWW	134.7			139.0	143.8	144.0	140.4	1
13	MELA CL+	SWW	137.0			139.3	143.5	141.5	140.3	2
8	ORCF-103	SWW	134.7			138.3	141.3	145.5	139.9	3
10	UI CASTLE CL+	SWW	139.7			137.8	141.3	137.0	138.9	4
11	UI PALOUSE CL+	SWW	136.0			135.5	140.5	136.0	137.0	5
1	BOBTAIL*	SWW	138.0			134.0	137.8	138.0	136.9	6
7	ORCF-102	SWW	138.0			135.0	139.0	134.0	136.5	7
4	SY OVATION*	SWW	136.8			134.5	139.3	134.0	136.1	8
6	ORCF-101	SWW	133.0			135.0	140.3	135.0	135.8	9
3	WB 1529*	SWW	136.5			133.8	137.3	135.5	135.8	10
14	WA 8235	SWW	134.0			132.3	138.8	132.5	134.4	11
15	WB 1376 CLP	SWW	135.3			132.8	137.0	132.0	134.3	12
9	UI MAGIC CL+	SWW	134.0			132.0	134.8	130.0	132.7	13
2	LCS ARTDECO*	SWW	135.0			121.0	129.3	118.0	125.8	14
	Site Average		135.9			134.3	138.8	135.2	136.1	
	LSD (0.05)		2.8			2.1	2.5	2.2		
	CV (%)		1.3			1.1	1.3	1.2		

\* 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.



## 2016 Oregon Clearfield Winter Wheat Elite Yield Trials - High Rainfall and Irrigated Falling Number Summary



Entry	Variety	Class	Dayton, WA	Hermiston	LaGrande	Milton-Freewater	Pendleton-Ruggs	South Willamette Valley	6-Site Mean	6-Site Rank
			Seconds	Seconds	Seconds	Seconds	Seconds	Seconds	Seconds	Seconds
			<b>SQI = 4</b>	<b>SQI = 4</b>	<b>SQI = 2.5</b>	<b>SQI = 2.5</b>	<b>SQI = 3.5</b>	<b>SQI = 4</b>		
15	WB 1376 CLP	SWW	410	475					442	1
10	UI CASTLE CL+	SWW	394	444					419	2
14	WA 8235	SWW	393	421					407	3
3	WB 1529*	SWW	372	404					388	4
7	ORCF-102	SWW	368	395					381	5
2	LCS ARTDECO*	SWW	354	385					370	6
1	BOBTAIL*	SWW	346	361					353	7
4	SY OVATION*	SWW	323	381					352	8
11	UI PALOUSE CL+	SWW	356	348					352	9
13	MELA CL+	SWW	361	331					346	10
6	ORCF-101	SWW	338	339					338	11
8	ORCF-103	SWW	370	269					319	12
9	UI MAGIC CL+	SWW	312	324					318	13
12	CURIOSITY CL+	SWW	350	252					301	14
	Site Average		360	366					363	
	LSD (0.05)		22	77						
	CV (%)		3	10						

\* 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.