

2015 WSU Variety Testing SW Winter Wheat Trial, Moses Lake

Variety Name <i>Club Italicized</i>	2015						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
LCS-Artdeco	146	57.8	10.7	34	136	2	143	133	144
WB-1070CL	140	61.1	12.8	38	135	0	149	141	
WB 456	132	59.2	13.0	39	137	5	148	138	
Mary	130	56.5	13.4	39	138	0	144	137	150
WB 1604	130	56.9	12.8	39	137	2			
WB1529	130	58.6	12.1	37	137	52			
WB-Junction	129	58.0	12.8	39	136	55	147	131	
ORCF-102	125	56.1	13.2	42	140	25	140		
Bobtail	125	53.4	12.5	38	139	50	137	134	
WB-528	124	58.0	12.7	37	137	35	147	131	145
Rosalyn	123	54.8	12.0	38	141	58	123	126	
SY Ovation	122	56.4	12.8	40	141	68	149	141	
Skiles	121	56.5	13.4	38	139	10	139	130	137
Kaseberg	118	54.6	12.8	36	139	2	139	127	143
AP700 CL	115	51.5	13.8	42	139	28	141	134	
Xerpha	115	53.6	13.2	43	141	42	140	126	142
<i>Cara</i>	115	53.2	14.3	40	142	63	130	122	126
Jasper (WA 8169)	113	52.9	13.6	40	140	27	149		
Madsen	111	54.9	13.6	39	140	17	130	124	134
UI-WSU Huffman (IDN-03-29902A)	110	53.1	13.3	36	142	2	134	128	
Stephens	110	52.9	13.6	40	138	52	138	123	139
WB 523	107	57.8	12.5	39	138	55	134	127	
ARS-Selbu	105	54.9	13.8	39	141	82	135	129	136
Puma	104	54.5	13.6	45	140	67	142	135	145
<i>ARS-Chrysal</i>	104	52.2	14.5	40	141	82	134	121	137
Legion	101	51.9	13.5	41	141	63	124	115	
Otto	101	51.4	14.2	41	142	72	128		
<i>Coda</i>	99	56.3	13.9	39	142	87	120	112	121
<i>Bruehl</i>	96	49.4	13.3	39	142	88	130	116	127
Eltan	92	51.6	13.9	41	142	78	120	106	118
SY 107	91	54.8	12.6	39	141	90	124		
Masami	81	51.7	13.4	43	143	85	113	104	123
<i>ARS-Crescent</i>	79	49.3	14.5	39	143	92	118	110	120
CuriosityCL+ (WA 8143)	79	53.5	13.2	39	142	93			
ORCF-103	78	52.1	12.9	38	142	92	98	98	114
MelaCL+ (WA 8155)	66	54.0	13.8	41	142	82			
EXPERIMENTAL LINES									
OR2090473	132	54.1	12.5	38	138	0	140		
LOR-978	130	56.3	13.5	36	136	28			
WA 8232	129	54.2	13.3	43	140	45			
WA 8206	128	58.6	13.1	42	139	55	146		

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LWW12-7105	126	51.8	12.6	30	135	2	130		
<i>ARSO10263-10-3C</i>	124	56.2	12.9	43	142	27			
WA 8234	123	55.4	13.6	41	140	30			
IDN-02-29001A	122	54.4	14.2	39	139	25	142		
IDN-06-18102A	119	55.1	12.6	37	139	8			
WA 8235	118	54.2	13.9	44	140	22			
OR2080641	118	52.8	13.7	40	140	2	135	133	
WA 8187	117	55.9	13.5	40	140	17	137		
DAS 3	117	54.0	13.9	44	141	0			
IDN-01-10704A	115	54.0	13.0	38	139	27	145		
WA 8212	112	54.1	13.9	37	141	0	123		
WA 8177	110	55.9	13.8	38	140	20	130		
<i>ARS20060126-35C</i>	109	55.7	14.3	42	140	65			
<i>ARSO10669-2C</i>	108	55.2	13.4	39	139	78			
IDO1005	107	55.7	13.7	44	140	0			
DAS 4	106	52.4	13.9	40	142	27			
IDO1108DH	105	57.4	12.7	43	139	70	140	129	
<i>4J0713366C</i>	105	51.1	13.3	39	142	75			
<i>ARS20060123-31C</i>	100	57.6	13.0	40	140	68			
WA 8233	100	52.4	13.8	43	140	83			
C.V. %	12	2	3	6	1	45	10	9	8
LSD (0.10)	15	1.1	0.5	3	1	20	9	7	5
Average	112	54.7	13.3	40	140	43	135	125	133
Highest	146	61.1	14.5	45	143	93	149	141	150
Lowest	66	49.3	10.7	30	135	0	98	98	114

Moses Lake Irrigated Soft White Winter Wheat--Preliminary Data

1. Grain yield in the 2015 Moses Lake soft white winter wheat trial averaged 112 bushels/acre. The Moses Lake nursery was located about 8 miles east of Othello, WA (WHB Farms, cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on October 17, 2014 following potatoes. Seeding rate was 95#/acre and a spring soil test showed 266#N, 29#P, and 65#S/acre. No additional fertilizer was applied. A 4 oz./acre rate of Tilt® fungicide was included with herbicide application.
3. This location experienced quite a bit of lodging (particularly in lines not well adapted for irrigated production) and test weights were low.