

2015 WSU Variety Testing SW Winter Wheat Trial, Colton

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
<i>ARS-Crescent</i>	117	58.4	8.9	40	157	114	109	121
MelaCL+ (WA 8155)	115	59.5	9.6	41	157			
Xerpha	115	58.0	8.9	39	154	113	114	122
<i>Coda</i>	114	60.5	9.9	41	154	113	109	116
Puma	114	57.9	9.3	42	152	112	112	123
ARS-Selbu	111	59.5	9.6	39	152	105	104	115
<i>ARS-Chrysal</i>	110	57.9	9.5	40	153	106	105	116
Jasper (WA 8169)	110	56.6	9.9	38	152	114		
Eltan	110	59.0	9.2	42	156	111	112	119
Otto	108	59.2	9.8	42	158	105		
<i>Cara</i>	108	56.7	10.0	38	155	100	100	112
Bobtail	108	54.9	9.4	36	152	107	106	
UI-WSU Huffman (IDN-03-29902A)	107	57.6	9.7	37	156	105	110	
CuriosityCL+ (WA 8143)	106	59.1	9.4	41	157			
Masami	105	56.7	9.2	39	154	96	94	109
Skiles	104	59.4	10.4	35	154	107	105	114
ORCF-102	103	58.5	10.0	38	154	103		
Legion	103	57.0	9.5	39	151	105	106	
<i>Bruehl</i>	103	56.5	9.6	40	158	105	106	117
SY Ovation	103	58.1	9.5	37	152	105	106	
ORCF-103	102	57.2	9.3	37	155	102	103	115
LCS-Artdeco	101	57.5	9.6	32	151	107	105	116
WB 523	101	59.5	9.7	36	151	100	99	
Rosalyn	100	56.5	9.4	37	151	99	101	
SY 107	100	57.7	9.5	37	153	106		
Kaseberg	98	57.0	9.6	35	151	104	103	114
Madsen	97	57.8	10.2	37	154	100	100	111
WB1529	97	60.6	9.6	34	150			
WB-Junction	97	60.0	9.8	36	149	100	98	
Mary	97	58.2	9.4	35	151	99	101	110
WB 456	95	60.3	11.5	36	151	98	97	
AP700 CL	90	57.7	10.4	37	152	93	97	
WB-528	89	59.2	9.9	36	151	97	97	107
Stephens	89	57.6	9.8	36	149	94	96	109
WB 1604	83	58.6	10.0	34	150			
WB-1070CL	79	61.2	10.6	32	149	90	90	
EXPERIMENTAL LINES								
WA 8233	117	57.6	9.4	41	150			
<i>ARS20060123-31C</i>	117	59.4	9.3	40	152			
<i>4J0713366C</i>	114	56.2	9.4	40	154			
<i>ARS010263-10-3C</i>	112	59.2	9.6	39	154			

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IDN-01-10704A	109	57.4	9.8	41	151	108		
WA 8232	106	59.1	9.0	38	154			
IDO1108DH	106	59.7	9.7	42	151	109	113	
IDN-02-29001A	101	58.3	10.4	37	153	102		
WA 8177	100	58.9	10.3	36	156	98		
<i>ARS20060126-35C</i>	100	59.2	10.7	41	152			
OR2090473	99	55.2	9.9	34	151	106		
IDN-06-18102A	99	58.0	10.2	35	152			
DAS 4	99	56.7	9.7	37	154			
IDO1005	98	58.4	10.2	37	154			
WA 8206	98	59.9	10.0	38	154	105		
WA 8187	98	58.4	10.1	36	154	102		
OR2080641	97	57.2	9.6	37	152	97	99	
<i>ARS010669-2C</i>	96	57.1	9.8	36	151			
DAS 3	95	57.4	10.5	37	155			
WA 8234	95	58.3	9.3	37	151			
WA 8212	93	58.0	10.6	34	156	95		
LOR-978	93	58.4	10.5	34	151			
LWW12-7105	91	55.7	10.2	30	150	96		
WA 8235	89	57.5	10.8	35	153			
C.V. %	5	1	3	3	1	6	7	6
LSD (0.10)	5	0.6	0.3	1	1	5	4	3
Average	102	58.2	9.8	37	153	103	103	115
Highest	117	61.2	11.5	42	158	114	114	123
Lowest	79	54.9	8.9	30	149	90	90	107

Colton Soft White Winter Wheat—Preliminary Data

1. Grain yield in the 2015 Colton soft white winter trial averaged 102 bushels/acre, lower than the five-year average of 115 bushels/acre. The Colton nursery was located about 1 mile south of the town of Colton, WA (A. Schultheis, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 24, 2014 following lentils at a rate of 95#/acre. The trial emerged well in the fall and did not suffer any winter injury.
3. This trial received two fungicide applications of Evito® T and Propiconazole and stripe rust was not a factor.