

2012 WSU Variety Testing SW Winter Wheat Trial, Creston

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Tubbs 06	115	114	110	91	60.9	11.3	38	162
OR2701071				89	60.2	10.7	34	164
<i>ARS-Crescent (ARS970163-4C)</i>		113	102	88	60.9	11.5	35	166
Xerpha	127	126	120	87	61.8	11.8	36	164
LCS-Artdeco (NSA06-2153A)			62	86	61.5	11.1	31	161
WA 8151				86	61.7	12.0	34	164
ARS-Amber (ARS960277L)	118	118	114	85	62.2	12.0	33	163
ORCF-103	109	110	106	84	61.5	11.8	35	165
<i>Bruehl</i>	118	120	112	84	59.9	11.7	38	166
Eltan/Tubbs 06	116	108	101	83	61.7	11.7	37	163
WA 8137				83	62.8	12.1	34	168
WA 8152				83	62.1	12.6	41	162
Eltan	112	107	103	83	62.6	11.7	37	166
WA 8134			116	82	62.4	12.6	39	163
WA 8153				82	62.4	12.6	37	163
WA 8116		118	113	81	62.0	11.8	32	164
<i>ARS010780-3C</i>				81	61.9	12.6	32	166
<i>ARS990077-1C</i>				81	62.4	11.7	33	166
Madsen/Rod	112	109	105	81	61.0	11.9	35	165
WB-528	105	108	108	81	63.7	11.9	35	162
Masami	118	116	108	80	60.4	11.6	35	166
ARS970161-3L			112	80	62.9	12.4	36	162
OR08047P94				80	59.5	11.3	31	163
LWW-04-4009				80	62.4	12.6	34	166
Mary (OR2040726)		114	117	79	62.5	11.9	33	162
WA 8154				79	62.9	12.0	37	163
WA 8136			109	78	59.3	11.7	33	169
WA 8155				78	62.4	12.0	39	166
Stephens	103	103	104	78	62.3	11.9	31	161
ORCF-102	112	114	105	78	62.1	12.1	37	163
Rod	116	113	108	77	60.9	11.4	34	164
OR2071628			107	77	61.9	11.9	34	162
WA 8135			99	77	62.5	12.5	37	164
<i>Cara</i>		112	105	76	60.5	12.3	33	165
<i>Chukar</i>		111	102	76	60.7	11.5	33	165
IDO663			99	76	62.6	11.7	32	161
<i>ARS-Chrystal (ARS970075-3C)</i>	112	116	106	75	61.6	13.1	34	165
<i>ARS010762-2C</i>				75	60.6	12.2	37	165
<i>Coda</i>	108	112	109	75	63.2	13.1	36	164
Otto (WA 8092)		111	107	74	61.3	12.2	37	166
ARS970277L reselect				73	62.3	12.2	34	163
ARS970161-2L				73	62.2	12.5	35	163
Madsen	106	100	96	73	61.4	12.3	36	165
Goetze/Skiles		99	93	72	61.7	12.8	32	161
WA 8143			108	71	62.0	11.9	38	165
OR2070870				70	61.1	13.1	34	164
Skiles	109	112	106	68	61.0	13.3	32	162
WA 8142			94	66	62.3	13.4	34	162

2012 WSU Variety Testing SW Winter Wheat Trial, Creston

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	11	8	8	7	0.8	3.9	4	1
LSD (.10)	6	5	6	6	0.6	0.5	1	1
Average	113	112	105	79	61.7	12.1	35	164
Highest	127	126	120	91	63.7	13.4	41	169
Lowest	103	99	62	66	59.3	10.7	31	161

Creston Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2012 Creston soft white winter wheat trial averaged 79 bushels/acre, 34 bushels/acre lower than the 5-year average yield. The Creston nursery was located about seven miles northwest of Creston, WA (B. Bendy, cooperator).
2. This nursery was seeded on 27 September, 2011 following fallow. Seed was placed at an 85#/acre seeding rate using a plot drill equipped with double-disc openers set on 6-inch spacing. Base fertilizer was applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged narrowly from 66 to 91 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. `Tubbs 06' was the highest yielding entry in the trial, and 7 of the 48 entries were within the top LSD range. `Xerpha' was the top yielding entry across five years of results at this location. Stripe rust potential was low at this location and fungicide was applied on 26 May with the herbicide.
4. Test weights were very good averaging 61.7 lbs./bu and ranged from 59.3 to 63.7 lbs./bu. Grain protein was high averaging 12.1% and ranged from 10.7 to 13.4%. Plant height averaged 35 inches and there was no lodging.