

2012 WSU Variety Testing SW Winter Wheat Trial, Reardan

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
Xerpha	111	124	109	87	60.9	11.4	38	168
Tubbs 06	101	113	98	85	60.5	11.3	37	166
WA 8143			115	84	61.2	11.2	34	172
WA 8134			128	82	60.9	11.9	38	166
WA 8155				82	61.6	10.9	35	172
ARS970161-2L				82	62.2	11.7	34	169
<i>ARS-Crescent (ARS970163-4C)</i>		127	114	82	59.8	10.1	32	173
Eltan/Tubbs 06	103	116	103	81	60.8	11.5	34	167
<i>Bruehl</i>	107	121	116	81	59.2	10.6	35	173
OR08047P94				80	57.9	10.4	31	168
<i>Chukar</i>	110	128	120	80	59.2	11.0	31	173
LWW-04-4009				80	62.1	12.4	31	171
ARS970161-3L			119	79	62.4	11.7	32	169
Rod	103	121	110	79	60.2	10.9	33	169
Otto (WA 8092)		118	107	78	60.7	11.6	33	174
OR2701071				78	59.1	10.7	34	168
Madsen/Rod	108	121	110	78	60.8	11.6	32	168
ARS970277L reselect				77	61.3	12.1	33	167
WA 8136			108	75	58.5	11.6	28	173
ORCF-103	100	110	100	75	60.6	11.0	35	171
<i>ARS-Chrysal (ARS970075-3C)</i>	116	126	113	75	60.1	11.1	32	172
WA 8151				75	60.8	11.9	33	168
Masami	103	114	104	75	59.6	10.6	33	171
<i>ARS010780-3C</i>				75	60.6	11.9	31	172
WA 8137				75	62.0	11.5	33	174
WA 8154				75	61.9	12.0	33	168
ORCF-102	105	114	104	75	61.3	12.0	34	167
<i>Cara</i>	109	123	116	74	59.4	12.0	30	173
WA 8116		122	114	74	61.3	11.6	30	173
OR2071628			109	73	60.1	11.3	31	167
Madsen	99	114	107	73	60.4	11.9	33	168
<i>ARS990077-1C</i>				73	60.8	11.6	32	173
LCS-Artdeco (NSA06-2153A)			101	73	59.4	11.6	30	166
<i>Coda</i>	103	119	111	73	62.7	12.5	36	169
Mary (OR2040726)		115	108	73	61.4	11.6	33	166
ARS-Amber (ARS960277L)	110	126	115	72	61.7	11.8	34	168
Eltan	100	108	94	71	61.5	11.5	33	173
Goetze/Skiles		112	105	70	60.6	13.2	30	166
OR2070870				70	60.1	13.1	32	168
Stephens	85	96	84	69	61.6	11.9	33	165
WA 8152				68	60.6	12.6	35	167
Skiles	100	110	103	68	60.7	13.1	30	168
IDO663			84	67	60.6	12.2	31	166
WA 8135			103	67	61.2	11.8	33	172
WA 8153				67	61.5	13.4	34	168
<i>ARS010762-2C</i>				65	57.9	12.1	35	173
WB-528	91	103	95	63	62.4	13.2	32	166
WA 8142			100	61	61.3	13.5	33	166

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	10	8	10	6	0.6	3.9	5	0
LSD (.10)	4	5	7	5	0.4	0.5	2	1
Average	103	117	107	75	60.7	11.8	33	169
Highest	116	128	128	87	62.7	13.5	38	174
Lowest	85	96	84	61	57.9	10.1	28	165

Reardan Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2012 Reardan soft white winter wheat trial averaged 75 bushels/acre, 28 bushels/acre lower than the 5-year average yield. The Reardan nursery was located about three miles northeast of Reardan, WA (H. Johnson & T. Carsten, cooperators).
2. This nursery was seeded on 23 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 92#N/acre applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged from 61 to 87 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. `Xerpha' and `Tubbs 06' were the highest yielding entries in the trial, and 7 of the 48 entries were within the top LSD range. The recently released club `ARS Chrystal' 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 8 May with the herbicide.
4. Test weights were good averaging 60.7 lbs./bu and ranged from 57.9 to 62.7 lbs./bu. Grain protein was high averaging 11.8% and ranged from 10.1 to 13.5%. Plant height averaged 33 inches and there was no lodging.