

2013 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)	2013					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
<i>Bruehl</i>	118	121	105	130	59.1	11.8	40	165	0
Bobtail (OR0807P94)			103	126	59.4	11.1	34	161	0
WA 8173				126	59.9	11.3	36	163	0
<i>ARS-Crescent</i>		118	104	125	60.6	11.6	37	163	0
Eltan	111	104	98	125	61.0	11.4	35	163	23
ARS-Selbu (ARS970161-3L)		121	102	125	61.9	11.9	37	163	0
JC1108				125	60.1	11.4	40	163	0
WA 8175				124	61.1	11.7	37	161	0
Puma (WA 8134)		127	103	124	60.8	11.8	38	163	0
Mary	113	113	98	124	60.9	11.7	33	159	0
Xerpha	120	114	105	124	60.1	12.1	40	164	0
ARS-Amber		118	98	123	60.6	11.4	38	161	0
Bruneau				123	60.1	11.2	37	162	0
LWW10-1018				123	59.4	11.3	36	164	0
OR2080641				122	60.3	11.5	36	161	0
<i>4J071246-1C</i>				122	59.4	11.7	39	165	0
WA 8174				121	60.6	11.1	39	161	0
03-29902A				120	60.3	11.5	37	161	0
<i>ARS97230-6C</i>				120	61.6	11.6	36	162	0
99-06202A				120	60.2	11.2	37	163	0
<i>ARS-Chrysal</i>		115	97	119	61.5	11.9	36	163	3
WA 8155			100	118	61.3	11.7	39	163	45
Masami	111	108	96	118	60.1	11.0	39	164	0
WA 8171				117	60.8	11.6	38	160	0
AP Legacy				117	60.9	11.3	39	163	0
<i>ARS990077-1C</i>			95	116	61.3	11.7	38	164	0
Tubbs 06	112	104	100	116	60.1	11.4	39	161	0
SY Ovation				115	60.5	11.0	36	159	0
WA 8154			95	115	60.6	11.8	35	164	0
WA 8172				115	60.6	11.8	38	160	2
WA 8151			95	115	60.5	11.4	37	163	0
ORCF-103	109	104	94	114	60.5	11.6	38	163	17
<i>Coda</i>	110	111	93	113	62.3	13.1	39	162	0
Legion				113	60.0	11.8	37	162	0
Skiles	107	107	90	113	60.2	12.4	34	162	0
LWW-04-4009			96	113	62.1	11.2	37	162	0
Kaseberg (OR2071628)		110	93	112	59.9	10.9	36	160	0
<i>ARS98X402-1C</i>				112	61.3	11.0	37	164	0
ARS010729-1L				111	62.3	11.7	34	160	0
Madsen	108	109	92	111	60.5	12.2	37	165	0
WA 8176				111	61.5	10.9	35	164	0
WA 8153			89	111	61.0	12.3	37	163	0
02-10606A				110	61.2	11.5	36	161	0
OR2080924				109	57.7	11.9	34	162	0
WB 523				109	61.2	11.9	34	159	0
Ladd (OR2070870)			89	108	59.5	12.5	35	163	0
<i>ARS010780-3C</i>			91	108	60.7	12.4	38	163	0

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
Stephens	96	92	88	108	60.7	11.4	33	160	0
<i>ARS010746-2C</i>				108	61.0	12.3	32	164	0
<i>Cara</i>	114	113	91	107	60.4	12.1	35	163	0
OR2071071 (Rosalyn)			92	106	59.0	10.4	34	161	0
AP 700 CL				106	59.8	12.0	36	160	0
WB-528	100	98	83	104	62.0	12.5	33	159	0
WB-Junction				101	61.6	12.2	33	157	0
Trifecta				98	61.5	12.7	34	159	0
WA 8142		99	79	96	60.8	12.8	36	159	0
WB 456				91	61.1	13.5	32	158	0
LCS-Artdeco (NSA06-2153A)		93	76	78	58.7	11.6	31	158	0
WB-1070CL				72	62.1	13.9	28	157	0
C.V. %	8	9	7	7	0.7	2.9	5	1	465
LSD (.10)	4	6	5	9	0.5	0.4	2	1	7
Average	110	114	95	114	60.6	11.8	36	162	2
Highest	121	142	105	130	62.3	13.9	40	165	45
Lowest	87	92	76	72	57.7	10.4	28	157	0

Reardan Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Reardan soft white winter wheat trial averaged 114 bushels/acre, close to the 5-year average for this location. The Reardan nursery was located about six miles west of Reardan, WA (H. Johnson, Cooperator).
2. This nursery was seeded on 14 September, 2012 following fallow. Seed was placed at an 85#/acre seeding rate using a no till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Base fertilizer was 75#N/acre applied through the drill. Fall seeding conditions were dry, but establishment and winter survival were good.
3. Yields ranged from 72 to 130 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 17 of the 59 entries in this trial. The club wheat 'Bruehl' was the highest yielding named entry in the trial and 'Xerpha' was highest yielding in the 5-year average at this site. It is probable that some plants at this site experienced damaging frost. There was a low amount of stripe rust potential at this location and fungicide was applied with the herbicide application.
4. Test weights averaged 60.6 lbs./bu and ranged from 57.7 to 62.3 lbs./bu. Grain protein averaged 11.8% with a range of 10.4 to 13.9%. Plant height averaged 36 inches and there was a little lodging by a few entries.