

2012 WSU Variety Testing SW Winter Wheat Trial, Anatone

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	109	119	117	96	60.4	10.5	36	165
WA 8143			106	91	61.6	10.7	39	168
Rod	91	102	102	90	59.4	10.2	35	165
<i>ARS-Chrystal (ARS970075-3C)</i>	101	110	107	89	61.1	11.1	35	164
Otto (WA 8092)		98	92	89	60.5	10.5	36	169
Madsen/Rod	88	98	98	89	59.5	9.9	36	165
<i>Cara</i>	86	99	97	89	59.0	10.4	32	164
ARS970161-2L				89	61.8	11.0	37	164
OR08047P94				88	58.4	9.8	33	164
OR2701071				87	57.1	9.5	35	164
Eltan/Tubbs 06	92	102	100	87	59.9	9.8	38	163
Madsen	93	101	103	86	59.8	10.6	36	165
ARS-Amber (ARS960277L)	91	97	93	86	60.3	10.3	36	164
ORCF-102	93	102	100	85	60.7	11.3	37	164
Skiles	90	101	100	84	60.9	11.4	34	164
WA 8154				84	61.2	10.5	37	165
<i>ARS-Crescent (ARS970163-4C)</i>		98	96	84	60.0	9.6	35	168
WA 8155				84	61.9	9.6	39	169
WA 8134			96	84	60.5	11.4	39	164
WA 8153				84	61.6	10.6	39	163
<i>Chukar</i>	85	95	93	84	58.4	10.1	34	166
Goetze/Skiles		98	95	83	60.1	11.3	33	162
LWW-04-4009				83	61.0	10.3	34	167
ARS970161-3L			91	83	61.7	11.1	36	165
Masami	89	100	96	83	59.0	9.9	36	169
WA 8137				83	61.7	10.6	37	170
WA 8135			95	83	61.4	10.0	40	168
Eltan	96	107	101	82	61.7	10.4	36	169
WA 8151				82	60.2	10.7	36	165
<i>Bruehl</i>	90	103	100	82	57.9	10.4	37	169
WA 8116		99	92	81	60.9	10.7	33	167
<i>Coda</i>	89	98	95	81	62.6	11.5	38	165
WA 8142			97	81	62.0	12.4	35	163
Tubbs 06	84	91	92	80	59.4	10.7	40	164
OR2071628			94	80	60.3	10.3	33	163
ARS970277L reselect				80	59.3	10.7	36	165
WA 8152				79	60.7	10.2	40	164
Mary (OR2040726)		98	94	79	61.7	10.6	34	162
LCS-Artdeco (NSA06-2153A)			97	78	60.4	9.9	32	162
ORCF-103	87	93	92	78	60.3	10.8	34	168
WB-528	88	100	98	78	62.5	11.1	35	162
<i>ARS990077-1C</i>				78	60.3	9.7	34	167
<i>ARS010762-2C</i>				77	58.0	10.7	37	166
OR2070870				77	60.7	11.1	34	163
WA 8136			83	75	58.0	9.6	31	169
<i>ARS010780-3C</i>				73	60.2	11.0	34	166
Stephens	77	80	79	68	60.7	10.7	33	162
IDO663			75	63	60.3	11.5	32	162

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	8	7	7	6	1.0	7.5	5	1
LSD (.10)	3	4	5	5	0.6	0.8	2	1
Average	90	100	96	83	60.4	10.6	36	165
Highest	109	119	117	96	62.6	12.4	40	170
Lowest	77	80	75	63	57.1	9.5	31	162

Anatone Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2012 Anatone soft white winter wheat trial averaged 83 bushels/acre, 7 bushels/acre lower than the 5-year average yield. The Anatone nursery was located about 3 miles north of Anatone, WA (J. Johnson, cooperator).
2. This nursery was seeded on 10 October, 2011 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 80#N/acre applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged from 63 to 96 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. The variety 'Xerpha' was the highest yielding entry in the trial, and there were 2 of the 48 entries within the top LSD range. Xerpha was also the top yielding entry across five years of results at this location. Stripe rust potential at this location was light and fungicide was applied with the herbicide.
4. Test weights were good averaging 60.4 lbs./bu and ranged from 57.1 to 62.6 lbs./bu. Grain protein averaged 10.6% and ranged from 9.5 to 12.4%. Plant height averaged 36 inches and there was no lodging.