

2012 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name (Club Italicized)	Almira	Anatone	Creston	Dusty	Lamont	Average												
Yield (Bu/A)							Test Wt (Lbs/Bu)						Protein (%)					
OR08047P94	127	88	80	117	157	114	59.6	58.4	59.5	56.9	59.6	58.8	9.5	9.8	11.3	11.5	10.5	10.5
OR2701071	130	87	88	117	136	112	59.6	57.1	60.2	55.2	59.1	58.2	9.2	9.5	10.7	12.4	10.0	10.4
Tubbs 06	139	80	91	100	138	110	61.0	59.4	60.9	55.2	59.5	59.2	9.4	10.7	11.3	11.5	10.3	10.7
WA 8151	121	82	86	109	140	108	61.3	60.2	61.7	57.7	61.1	60.4	9.6	10.7	12.0	10.7	10.5	10.7
ARS970161-3L	129	83	80	99	147	108	63.0	61.7	62.9	59.2	62.8	61.9	10.3	11.1	12.4	13.4	10.8	11.6
ARS-Crescent (ARS970163-4C)	129	84	88	104	131	107	61.6	60.0	60.9	59.6	60.7	60.6	9.2	9.6	11.5	10.9	10.0	10.3
ARS010780-3C	122	73	81	120	129	105	61.8	60.2	61.9	60.6	61.5	61.2	9.5	11.0	12.6	11.4	11.5	11.2
Cara	120	89	76	104	133	104	60.3	59.0	60.5	59.1	60.5	59.9	9.4	10.4	12.3	11.3	11.0	10.9
Mary (OR2040726)	123	79	79	123	117	104	62.5	61.7	62.5	58.7	59.6	61.0	10.0	10.6	11.9	11.9	10.8	11.1
Masami	121	83	80	102	135	104	59.9	59.0	60.4	56.3	59.8	59.1	9.6	9.9	11.6	11.1	10.4	10.5
ARS-Amber (ARS960277L)	127	86	85	90	131	104	61.3	60.3	62.2	56.3	61.0	60.2	8.6	10.3	12.0	12.9	10.5	10.9
Madsen/Rod	124	89	81	92	132	104	61.5	59.5	61.0	56.8	60.9	59.9	9.6	9.9	11.9	12.9	10.4	11.0
WA 8135	118	83	77	104	131	103	62.9	61.4	62.5	59.4	62.5	61.7	10.0	10.0	12.5	13.7	11.7	11.6
WA 8134	123	84	82	97	126	102	62.1	60.5	62.4	58.7	61.9	61.1	10.2	11.4	12.6	11.0	10.6	11.2
ARS970161-2L	119	89	73	100	131	102	62.7	61.8	62.2	60.2	62.4	61.9	9.5	11.0	12.5	11.7	11.0	11.1
WA 8136	111	75	78	123	124	102	59.7	58.0	59.3	54.9	58.9	58.2	9.3	9.6	11.7	12.5	10.9	10.8
WA 8137	115	83	83	99	131	102	62.0	61.7	62.8	59.2	61.7	61.5	10.3	10.6	12.1	11.2	10.9	11.0
Xerpha	127	96	87	66	128	101	61.8	60.4	61.8	54.3	60.7	59.8	10.1	10.5	11.8	12.1	10.5	11.0
OR2070870	109	77	70	115	136	101	61.6	60.7	61.1	58.8	61.7	60.8	10.1	11.1	13.1	11.2	10.4	11.2
ARS990077-1C	123	78	81	92	128	100	61.2	60.3	62.4	58.4	60.9	60.6	8.8	9.7	11.7	12.4	11.3	10.8
Skiles	121	84	68	97	131	100	62.3	60.9	61.0	57.3	61.5	60.6	9.9	11.4	13.3	13.5	11.2	11.9
Madsen	120	86	73	98	123	100	62.0	59.8	61.4	58.2	61.9	60.7	10.2	10.6	12.3	12.6	11.6	11.5
WA 8153	115	84	81	92	127	100	62.6	61.6	62.4	57.8	62.2	61.3	9.3	10.6	12.6	11.5	10.8	11.0
ORCF-102	118	85	78	94	124	100	61.7	60.7	62.1	57.8	61.4	60.8	9.4	11.3	12.1	11.5	9.8	10.8
WA 8142	115	81	66	105	129	99	62.6	62.0	62.3	59.3	62.0	61.6	10.6	12.4	13.4	13.1	11.2	12.2
ARS970277L reselect	121	79	73	95	126	99	61.2	59.3	62.3	58.4	60.4	60.3	9.8	10.7	12.2	10.7	10.2	10.7
Stephens	119	68	78	91	138	99	61.6	60.7	62.3	57.8	62.2	60.9	10.2	10.7	11.9	11.7	10.8	11.1
Chukar	118	84	76	97	119	99	60.3	58.4	60.7	58.9	60.8	59.8	8.3	10.1	11.5	12.6	11.1	10.7
OR2071628	112	80	77	94	130	99	62.0	60.3	61.9	57.6	60.2	60.4	9.9	10.3	11.9	10.3	10.2	10.5
WA 8152	119	79	83	93	119	99	62.1	60.7	62.1	58.0	61.3	60.8	10.3	10.2	12.6	11.8	11.6	11.3
ARS-Chrysal (ARS970075-3C)	122	89	75	85	121	99	62.8	61.1	61.6	58.7	61.0	61.0	10.1	11.1	13.1	11.6	11.3	11.4
WA 8154	119	84	79	85	124	99	62.2	61.2	62.9	57.1	62.2	61.1	10.1	10.5	12.0	11.9	11.1	11.1
WA 8116	122	81	81	95	112	98	62.4	60.9	62.0	58.0	60.6	60.8	9.4	10.7	11.8	10.9	10.9	10.7
Eltan/Tubbs 06	130	87	83	72	119	98	61.7	59.9	61.7	56.2	60.1	59.9	9.1	9.8	11.7	12.3	10.5	10.7
ARS010762-2C	119	77	75	101	117	98	60.9	58.0	60.6	59.2	59.3	59.6	9.6	10.7	12.2	12.2	11.7	11.3
Goetze/Skiles	116	83	72	96	122	98	61.8	60.1	61.7	56.8	61.2	60.3	9.7	11.3	12.8	11.9	10.5	11.2
Rod	128	90	77	69	125	98	60.9	59.4	60.9	54.4	60.0	59.1	8.9	10.2	11.4	11.7	10.3	10.5
Bruehl	122	81	84	71	128	97	58.8	57.9	59.9	53.8	57.7	57.6	9.4	10.4	11.7	12.0	11.5	11.0
Coda	112	81	74	89	128	97	63.0	62.6	63.2	59.4	63.1	62.3	9.9	11.5	13.1	12.8	11.1	11.7
IDO663	112	63	76	110	122	97	62.2	60.3	62.6	57.9	62.2	61.1	9.7	11.5	11.7	11.2	10.6	10.9
LWW-04-4009	120	83	80	83	116	96	62.8	61.0	62.4	56.8	62.3	61.1	10.1	10.3	12.6	11.9	10.9	11.2
WB-528	124	78	81	88	106	95	63.3	62.5	63.7	59.0	62.3	62.2	10.1	11.1	11.9	11.9	10.3	11.1
Otto (WA 8092)	118	89	74	84	110	95	61.1	60.5	61.3	56.3	60.1	59.9	10.0	10.5	12.2	12.8	10.7	11.2
LCS-Artdeco (NSA06-2153A)	94	78	86	116	95	94	61.0	60.4	61.5	59.6	61.2	60.8	9.5	9.9	11.1	10.7	11.5	10.5
ORCF-103	118	78	84	64	112	91	61.7	60.3	61.5	54.9	59.6	59.6	9.7	10.8	11.8	11.2	9.9	10.7
Eltan	119	82	83	58	100	88	61.1	61.7	62.6	55.7	59.3	60.1	9.0	10.4	11.7	11.4	10.3	10.6
WA 8143	120	90	71	65	92	88	61.7	61.6	62.0	56.6	60.3	60.4	9.4	10.7	11.9	11.6	10.3	10.8
WA 8155	118	84	78	63	94	88	61.6	61.9	62.4	57.1	60.0	60.6	9.6	9.6	12.0	11.6	10.5	10.7
C.V. %	5	6	7	13	8	8	0.8	1.0	0.8	2.0	1.0	1.2	7.4	7.5	3.9	10.6	7.2	7.7
LSD (0.10)	7	5	6	13	10	4	0.5	0.6	0.6	1.2	0.6	0.3	0.8	0.8	0.5	1.3	0.8	0.4
Average	120	83	79	94	124	100	61.6	60.4	61.7	57.6	60.9	60.4	9.7	10.6	12.1	11.9	10.8	11.0
Highest	139	96	91	123	157	114	63.3	62.6	63.7	60.6	63.1	62.3	10.6	12.4	13.4	13.7	11.7	12.2
Lowest	94	63	66	58	92	88	58.8	57.1	59.3	53.8	57.7	57.6	8.3	9.5	10.7	10.3	9.8	10.3

2012 WSU Soft White Winter Wheat Trial Summary Precipitation Zone 12"-16" – Preliminary Data

1. Soft white winter wheat grain yield across five 2012 locations and 48 entries in the 12"-16" precipitation zone averaged 100 bushels/acre, 9 bushels/acre lower than the 2011 average of 109 bushels/acre and 15 bushels/acre lower than the 2010 average of 115 bushels/acre. The CV value of 8 for the 2012 average data was lower than the 2011 CV value. In general the 2012 trials had good fall establishment.
2. Yields among entries averaged across locations ranged from 88 to 114 bushels/acre and reflected a mostly average growing season. 'Tubbs 06' was the highest yielding named variety, but two numbered lines from Oregon were higher averaged across locations within the top 10% LSD range (4 bushels/acre) and are indicated in bold. Stripe rust levels were mostly moderate and rust was effectively controlled with fungicide applications except for Dusty, a planned non-treated site, and there was a moderate level of stripe rust impact at Dusty on susceptible entries.
3. Test weight averaged 60.4 lbs./bu across all trials and was close to last year's 60.5 lbs./bu average. Grain protein averaged 11.0% and was higher than last year's 10.4% value.