

2011 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name (Club Italicized)	Almira	Anatone	Creston	Dusty	Lamont	Average												
							Almira	Anatone	Creston	Dusty	Lamont	Average						
	Yield (Bu/A)						Test Weight (Lbs/A)						Protein (%)					
Xerpha	116	138	152	121	119	129	60.0	60.6	61.8	61.9	60.2	60.9	10.8	9.1	10.0	11.1	11.0	10.4
Skiles	105	116	144	131	124	124	60.5	61.7	62.1	62.0	61.4	61.5	10.6	9.6	10.9	12.2	11.2	10.9
<i>Bruehl</i>	119	118	140	137	103	124	57.9	58.0	57.3	59.9	58.8	58.4	9.6	9.1	10.1	11.6	10.4	10.1
<i>ARS970075-3C</i>	104	124	137	117	134	123	59.4	61.6	61.5	62.9	61.3	61.3	9.6	8.8	10.3	11.8	11.1	10.3
WA 8143	139	121	145	107	105	123	59.8	58.3	59.7	62.0	60.3	60.0	9.9	9.5	9.4	11.2	10.3	10.1
<i>ARS97230-6C</i>	126	107	142	126	112	122	61.0	61.8	60.6	62.2	60.7	61.3	9.0	8.3	9.4	10.1	9.4	9.2
<i>Cara +25%</i>	95	104	147	121	136	121	59.0	59.4	60.9	61.4	60.1	60.2	11.7	9.3	9.8	11.1	10.9	10.6
<i>Coda</i>	114	109	143	116	118	120	61.2	62.2	63.7	63.6	62.6	62.7	11.0	8.7	9.6	11.9	12.1	10.7
WA 8114	106	118	134	124	108	118	61.4	61.3	61.0	62.1	61.4	61.5	9.8	8.8	10.2	11.0	11.3	10.2
<i>Chukar +25%</i>	98	108	138	127	120	118	57.4	59.7	60.5	61.5	59.7	59.7	11.4	8.5	9.4	10.4	10.3	10.0
03PN107#3	84	113	139	115	133	117	59.7	61.0	60.8	61.9	61.3	60.9	10.7	9.0	9.6	11.3	10.9	10.3
OR2070385	104	102	154	113	106	116	57.8	59.8	60.7	61.9	60.1	60.0	11.2	9.1	10.4	11.3	10.5	10.5
96-16702A	114	104	140	101	120	116	61.4	61.3	61.3	62.7	62.6	61.9	9.6	8.6	9.8	11.6	10.5	10.0
Eltan	121	120	123	117	99	116	60.2	56.8	59.5	62.2	60.8	59.9	10.0	9.4	9.9	10.4	10.4	10.0
<i>ARS98X402-1C</i>	100	103	140	127	113	116	60.3	60.4	60.5	62.6	61.0	60.9	8.9	8.4	10.0	10.8	11.2	9.9
<i>Cara</i>	81	105	133	118	139	115	59.5	59.2	59.9	61.1	59.8	59.9	11.5	9.2	8.8	10.7	12.5	10.6
WA 8134	86	109	150	107	124	115	60.5	59.9	61.9	62.0	60.5	61.0	10.0	8.7	10.4	11.6	11.8	10.5
Rod	114	115	139	112	95	115	57.5	59.9	59.3	60.8	59.4	59.4	10.8	8.7	10.2	11.0	11.0	10.3
ARS960277L (ARS-Amber)	110	100	143	111	112	115	59.0	60.0	60.8	61.8	60.7	60.4	10.3	8.1	9.0	11.0	11.0	9.9
OR2071628	125	109	137	97	109	115	59.1	59.1	59.4	61.9	59.5	59.8	10.8	8.6	8.7	10.8	10.3	9.8
ORCF-102	95	115	133	109	118	114	59.0	60.7	61.7	61.7	60.9	60.8	10.5	8.9	9.6	11.4	10.9	10.3
Rod/Tubbs 06	108	109	137	105	106	113	58.6	60.6	59.0	60.5	60.2	59.8	10.2	9.0	11.6	11.3	10.8	10.6
<i>Chukar</i>	101	102	129	118	116	113	58.6	59.9	59.7	61.6	60.0	60.0	10.0	9.2	9.5	10.9	11.1	10.1
AP Badger	91	108	137	102	121	112	59.3	58.8	60.2	60.8	58.7	59.6	11.6	8.7	10.1	11.2	11.0	10.5
Brundage 96	117	113	135	98	98	112	59.6	60.3	61.2	61.2	60.2	60.5	9.9	8.8	9.8	11.2	11.8	10.3
ARS970161-3L	84	98	143	108	119	110	60.4	60.9	62.9	62.5	61.7	61.7	11.4	8.8	10.4	12.1	11.6	10.9
WA 8116	95	103	145	115	91	110	58.6	58.1	61.4	62.6	61.1	60.3	11.3	9.3	10.7	10.9	11.1	10.7
Finch	82	100	134	118	117	110	59.7	60.6	61.2	62.8	61.6	61.2	11.3	9.1	9.4	11.2	11.0	10.4
Madsen/Rod	100	107	130	103	110	110	59.3	59.6	60.6	60.8	60.1	60.1	9.8	9.0	9.8	11.7	11.7	10.4
WA 8094	115	102	128	108	94	110	61.7	58.1	60.8	62.5	60.8	60.8	9.7	9.2	9.4	11.5	11.5	10.2
Eltan/Tubbs 06	122	114	119	96	98	110	60.6	58.2	59.5	61.1	60.0	59.9	9.4	9.2	10.2	11.0	10.1	10.0
OR2040726 (Mary)	103	109	154	96	83	109	59.7	61.4	63.0	61.3	60.9	61.3	10.8	9.0	9.8	11.5	11.6	10.5
UICF-Brundage	111	115	130	97	95	109	59.5	61.2	60.6	61.2	59.5	60.4	11.0	9.3	8.9	11.0	10.9	10.2
WA 8092	86	95	140	118	100	108	59.5	56.9	60.1	61.1	60.0	59.5	10.7	8.8	11.2	11.1	11.3	10.6
WA 8135	112	107	121	104	98	108	61.4	60.9	61.3	62.5	61.5	61.5	9.8	9.4	10.1	11.8	11.1	10.4
<i>ARS970163-4C</i>	80	108	116	128	109	108	60.0	60.9	59.2	62.2	60.9	60.7	11.5	8.3	11.1	10.6	10.4	10.4
Rod/WB-528	109	106	136	103	86	108	58.3	60.0	60.5	61.6	60.3	60.1	9.8	8.8	10.6	11.6	10.6	10.3
Masami	100	109	136	97	97	108	59.2	59.2	58.8	61.0	59.7	59.6	9.4	9.2	11.0	10.9	10.6	10.2
Madsen	112	119	119	88	97	107	59.7	61.3	60.6	61.4	60.0	60.6	11.4	9.5	8.9	12.3	11.1	10.6
AP Legacy	110	119	129	82	96	107	59.1	59.8	60.1	57.9	59.1	59.2	10.4	8.6	10.4	10.0	9.8	9.8
Tubbs 06	105	103	128	89	106	106	59.7	60.1	59.3	59.6	59.5	59.6	9.8	8.8	11.1	10.9	9.6	10.1
Sunrise	132	111	126	90	70	106	60.0	59.6	59.4	61.4	59.8	60.1	9.7	8.6	8.9	10.8	10.6	9.7
WA 8144	108	100	130	98	91	105	60.9	59.1	61.9	62.5	60.9	61.1	9.6	9.4	11.1	12.0	11.8	10.8
ORCF-103	92	106	128	101	97	105	58.1	59.8	60.2	61.0	59.7	59.8	10.6	9.4	11.4	11.1	10.1	10.5
SY Ovation	66	98	129	110	122	105	60.2	60.5	61.6	62.1	60.8	61.0	10.6	9.4	9.6	11.2	10.8	10.3
ID00-475-2DH	85	111	129	102	95	104	60.3	62.0	62.0	62.7	61.9	61.8	11.3	9.2	10.7	11.7	11.7	10.9
BZ6W02-616	103	111	130	87	91	104	61.6	61.8	62.6	62.1	61.8	62.0	10.3	8.7	8.9	11.7	11.3	10.2
WA 8142	100	113	123	88	91	103	60.9	61.9	61.7	61.8	61.0	61.5	10.4	9.4	11.8	12.0	12.4	11.2
Goetze/Skiles	88	106	113	101	107	103	61.5	60.0	61.8	61.0	60.8	61.0	10.5	10.2	10.0	12.3	10.8	10.7
Bruneau	105	118	144	77	70	103	59.0	60.7	61.7	61.9	60.1	60.7	10.9	8.7	8.4	12.4	11.7	10.4
WA 8136	97	91	140	97	87	102	56.5	57.5	59.1	59.8	58.8	58.3	11.5	9.2	10.5	11.6	11.0	10.8
Legion	94	99	119	89	100	100	58.3	59.3	59.5	59.0	59.7	59.2	10.6	8.9	8.5	12.2	10.8	10.2
WB-528	58	118	136	85	96	99	62.7	62.2	63.0	62.3	61.0	62.2	11.3	9.2	9.7	12.4	11.1	10.7
Bitterroot	92	106	124	84	75	96	59.4	61.0	61.8	62.1	60.7	61.0	11.3	8.4	10.4	11.9	12.6	10.9
AP 700 CL	116	88	115	84	74	95	59.3	60.9	59.7	60.1	59.5	59.9	11.1	9.3	10.7	12.0	11.2	10.9
IDO663	108	88	122	73	82	95	60.8	61.0	60.7	59.5	60.3	60.4	10.4	9.2	9.7	11.9	10.9	10.4
Stephens	93	90	131	71	80	93	59.6	60.8	60.0	60.5	59.7	60.1	11.6	9.8	10.1	12.0	11.0	10.9
Lambert	81	95	129	83	67	91	58.7	60.4	60.4	61.2	60.4	60.2	10.9	9.0	9.8	11.2	11.1	10.4
WA 8145	63	105	100	88	86	89	60.1	59.7	61.4	60.2	59.6	60.2	11.4	8.9	11.0	12.1	12.4	11.2
NSA06-2153A	---1	116	38	94	86	84	---1	59.6	59.9	59.4	57.9	59.2	---1	8.7	12.3	11.1	11.0	10.8
C.V.	14	7	8	9	13	10	1.9	1.2	1.6	0.7	0.9	1.3	10.1	5.4	13.3	3.3	7.4	8.6
LSD	26	15	20	19	25	9	2.1	1.4	1.9	0.8	1.0	0.7	2.0	0.9	2.6	0.7	1.6	0.8
Average	100	108	132	104	103	109	59.6	60.1	60.7	61.4	60.4	60.5	10.5	9.0	10.1	11.4	11.0	10.4
Highest	139	138	154	137	139	129	62.7	62.2	63.7	63.6	62.6	62.7	11.7	10.2	12.3	12.4	12.6	11.2
Lowest	58	88	38	71	67	84	56.5	56.8	57.3	57.9	57.9	58.3	8.9	8.1	8.4	10.0	9.4	9.2

¹ - Variety Lost, No Data

2011 WSU Soft White Winter Wheat Trial Summary

Precipitation Zone 12-16" – Preliminary Data

1. Soft white winter wheat grain yield across five locations and 60 entries in the 12-16" precipitation zone averaged 109 bushels/acre and is 7 bushels/acre higher than the 2010 average of 102 bushels/acre and 26 bushels/acre higher than the 2009 average of 83 bushels/acre. The CV for the average data was 10, similar to the 2010 CV. In general the trials had good fall establishment.
2. Yields among entries averaged across locations ranged from 84 to 129 bushels/acre and reflected the favorable precipitation and temperature for most of the growing season. Xerpha was the highest yielding named variety averaged across locations. Average yield values within the 10% LSD range (9 bushels/acre) of the highest yield are shown in bold and this included 8 of the 60 entries. Stripe rust influenced yields in some locations and changed yield rankings due to susceptibility. Fungicide applications and yield impacts in percent for these locations were: no fungicide and 10% impact at Almira, none and 10% at Dusty, two and 10% at Lamont, two and no impact at Anatone, and two and no impact at Creston.
3. Test weight averaged 60.5 lb/bu across locations and entries and was higher than last year's 58.0 lb/bu average. Grain protein averaged 10.4% and was lower than last year's 11.1% protein value.