

2010 WSU SOFT WHITE WINTER WHEAT TRIAL SUMMARY
Precipitation Zone= 12"- 16"

VARIETY NAME (SWH Club in italics)	ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE YIELD	ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE TEST WEIGHT	ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE PROTEIN
	YIELD (BU/A)						TEST WEIGHT (LBS/BU)						PROTEIN (%)					
CARA	143	104	128	173	111	132	56.5	56.0	60.9	59.7	59.1	58.4	12.8	10.9	10.6	11.9	10.0	11.2
BRUNDAGE 96	148	109	129	147	114	129	58.6	56.6	60.3	59.0	59.9	58.9	11.8	10.8	10.8	11.5	9.5	10.9
SKILES	144	103	124	150	112	127	58.6	56.4	61.5	59.2	61.0	59.3	12.6	11.8	12.1	12.7	9.9	11.8
GOETZE/SKILES	142	103	113	155	114	125	58.7	56.1	61.7	59.2	61.1	59.4	12.6	11.2	10.7	12.4	9.8	11.3
BRUNEAU	142	107	131	145	101	125	56.9	56.7	62.3	59.0	59.6	58.9	12.0	9.8	9.4	11.7	8.8	10.3
ARS970075-3C	133	117	135	138	103	125	58.1	58.2	62.4	60.2	61.2	60.0	12.9	11.3	11.0	12.0	9.5	11.3
CHUKAR +25%	134	105	123	157	105	125	56.4	56.1	59.2	59.4	59.7	58.2	13.1	10.3	9.4	11.4	8.6	10.6
ARS960277L	131	105	126	143	114	124	56.2	55.4	60.2	58.7	59.9	58.1	12.3	10.8	9.6	10.9	8.4	10.4
WA008116	126	112	128	129	122	123	55.8	56.1	61.2	58.2	60.3	58.3	13.0	10.8	9.9	12.2	8.3	10.8
CARA +25%	142	109	120	147	99	123	57.1	56.4	60.4	59.3	59.9	58.6	12.5	10.3	10.4	12.2	9.5	11.0
BRUEHL +25%	117	106	130	141	122	123	50.3	52.0	57.9	55.5	57.9	54.7	13.1	12.1	9.8	11.4	8.6	11.0
ORCF-102	124	106	131	148	106	123	55.9	57.4	61.0	59.9	60.4	58.9	13.3	10.8	11.1	12.1	9.5	11.4
ARS970071-3C	132	109	125	138	109	123	58.8	59.5	61.9	59.7	61.3	60.2	13.3	11.4	11.4	12.5	10.4	11.8
AP LEGACY	137	118	127	105	116	121	56.7	57.3	61.3	56.8	60.2	58.5	11.8	9.6	9.4	11.3	8.8	10.2
CHUKAR	140	97	127	137	100	120	56.6	55.0	60.1	59.0	59.2	58.0	12.2	11.0	10.3	11.5	8.8	10.8
ARS970163-4C	132	101	133	142	93	120	56.2	55.6	60.8	58.4	60.2	58.2	12.7	11.4	9.6	12.1	9.0	11.0
WA008115	139	120	121	133	87	120	57.0	56.9	61.7	58.1	60.7	58.9	12.7	11.5	10.1	11.4	10.1	11.2
XERPHA	102	123	139	110	125	120	52.7	56.4	60.6	57.3	59.5	57.3	12.4	10.4	10.1	11.3	8.7	10.6
ARS970170-2L	118	98	131	126	126	120	53.1	54.5	60.1	56.6	60.4	56.9	13.4	11.2	9.3	12.3	8.7	11.0
OR2040726	151	107	109	159	71	119	60.2	57.7	61.3	60.4	60.2	60.0	12.4	11.5	10.8	11.8	10.0	11.3
MASAMI	105	108	132	125	124	119	50.8	54.0	59.3	56.5	58.9	55.9	13.3	10.6	10.0	12.0	7.9	10.8
WA008117	123	111	123	116	121	119	55.5	55.3	60.7	57.3	60.6	57.9	12.8	10.7	9.6	12.6	8.7	10.9
BRUEHL	125	108	136	119	102	118	51.1	52.9	57.5	54.3	58.0	54.8	13.5	11.2	10.4	12.0	8.9	11.2
KCF9002	140	105	102	159	84	118	60.1	58.4	62.1	60.4	61.3	60.5	12.5	11.8	11.8	12.3	10.7	11.8
WA008114	128	113	129	131	88	118	57.0	57.6	60.3	58.8	60.4	58.9	12.6	11.3	10.7	11.1	10.2	11.2
WB-528	141	105	106	136	101	118	60.0	58.8	62.0	60.1	61.0	60.4	12.5	10.8	11.2	12.2	9.4	11.2
ROD/TUBBS06	124	99	127	123	115	118	54.8	55.0	60.2	57.0	59.3	57.3	11.7	10.6	10.2	11.5	8.7	10.5
MADSEN	129	98	109	149	103	118	57.7	55.9	60.5	59.1	60.1	58.7	12.4	11.5	10.8	11.8	10.0	11.3
BITTERROOT	118	100	112	147	109	117	56.7	56.2	60.6	59.4	59.9	58.6	12.7	11.4	9.7	11.4	9.1	10.9
OR2060395	143	107	112	138	81	116	57.8	55.3	59.2	57.7	58.4	57.7	11.8	11.1	11.5	11.4	10.0	11.2
LEGION	121	96	110	149	104	116	53.7	55.8	59.6	57.1	59.0	57.0	12.8	11.1	9.8	11.9	9.2	11.0
MADSEN/ROD	120	98	115	143	103	116	55.9	55.2	59.4	58.4	59.8	57.7	12.3	11.1	9.7	11.7	9.5	10.9
FINCH	124	87	128	122	115	115	57.0	55.3	60.3	57.8	61.6	58.4	12.4	11.5	10.8	12.5	8.7	11.2
BZ6W02-616	140	103	97	134	101	115	60.1	60.4	62.0	61.1	61.9	61.1	12.3	10.8	10.5	11.8	10.3	11.1
TUBBS 06	120	89	122	134	107	114	54.7	54.2	59.6	57.5	59.0	57.0	12.3	10.6	10.8	11.3	8.8	10.8
UICF-BRUNDAGE	124	103	105	133	106	114	56.2	56.2	59.4	58.7	59.3	58.0	13.0	11.0	11.4	11.6	9.0	11.2
WA008093	128	104	128	118	92	114	54.2	55.5	59.7	56.0	58.8	56.8	13.1	10.8	11.5	12.1	8.9	11.3
RJAMES	127	113	122	107	99	114	53.9	53.5	59.3	55.3	57.8	56.0	12.0	10.6	10.1	11.5	9.0	10.6
ROD	129	102	122	118	96	113	54.1	54.8	59.5	55.9	58.7	56.6	12.7	10.5	9.8	11.6	9.3	10.8
CODA	128	104	118	125	91	113	59.4	59.6	62.0	61.4	62.4	61.0	13.8	11.6	11.3	12.4	10.4	11.9
ARS970184-1C	138	95	108	120	102	113	55.5	55.6	59.7	56.6	59.3	57.3	12.5	10.8	10.3	11.9	8.8	10.9
SIMON	126	85	113	144	89	111	56.7	54.9	59.8	59.2	59.7	58.1	12.6	11.0	11.5	11.8	10.0	11.4
WA008094	116	101	114	107	115	111	55.9	55.0	58.9	58.9	60.7	57.9	12.3	11.2	10.9	11.9	8.6	11.0
SALUTE	125	103	109	125	88	110	55.3	55.2	59.9	57.1	58.5	57.2	12.5	11.0	10.1	12.1	10.0	11.1
GEORGE	102	99	129	101	117	110	52.8	53.2	58.7	56.2	58.9	56.0	12.9	11.8	10.0	12.2	8.2	11.0
WA008063	126	100	118	116	86	109	56.6	57.1	61.5	56.5	59.5	58.2	13.5	11.3	11.0	12.6	10.4	11.8
ELTAN/TUBBS06	95	105	122	114	109	109	53.4	54.3	59.4	57.2	59.3	56.7	12.9	10.6	10.5	11.7	8.5	10.8
AP 700 CL	112	88	103	150	92	109	55.4	55.5	60.9	58.4	59.2	57.9	13.1	11.7	10.9	12.1	10.6	11.7
WA008092	110	111	120	93	109	109	50.7	53.4	59.3	56.6	59.8	56.0	14.1	11.4	10.3	12.5	9.1	11.5
KCF9001	107	104	126	116	89	108	55.2	54.3	60.8	58.9	57.8	57.4	13.3	11.1	12.1	12.4	9.6	11.7
STEPHENS	133	82	100	140	85	108	58.7	56.2	60.7	57.6	59.8	58.6	11.6	11.5	11.6	12.3	9.7	11.3
REA STEPHENS	121	78	95	137	106	107	59.0	57.3	60.7	60.4	61.2	59.7	12.7	11.8	10.3	12.5	9.4	11.3
LAMBERT	123	89	108	121	95	107	58.3	55.1	60.2	57.8	59.5	58.2	11.6	11.2	10.4	11.0	9.5	10.7
ELTAN/MADSEN	107	112	110	96	111	107	54.3	55.3	58.8	56.1	59.1	56.7	13.2	11.1	11.2	12.7	8.6	11.4
ORCF-103	110	94	116	94	120	107	53.0	54.3	60.1	56.0	59.5	56.6	12.7	11.5	10.9	12.0	8.7	11.2
ELTAN	96	119	114	92	111	106	52.5	54.8	58.0	57.4	59.2	56.4	12.8	11.3	10.8	11.8	8.0	10.9
ID00-475-2DH	105	101	120	102	102	106	54.9	57.1	61.5	58.3	60.7	58.5	13.1	11.0	10.7	11.7	9.4	11.2
KCF9003	103	89	98	117	81	98	57.7	56.9	61.4	59.7	60.3	59.2	13.0	11.7	11.7	12.4	9.7	11.7
DH99-55-2 (Soft Red)	103	114	106	85	77	97	55.7	57.4	58.6	57.0	57.9	57.3	11.9	10.1	9.6	10.7	8.7	10.2
CDC PTARMIGAN	100	86	N/A	76	68	83	55.9	56.0	N/A	56.6	56.3	56.2	11.8	10.4	N/A	10.7	8.8	10.4
CV (%)	9	7	7	10	11	9	2.6	1.5	1.6	1.6	1.0	1.7	5.1	5.7	8.1	4.0	5.2	5.7
LSD (0.10)	16	10	12	17	16	6	2.0	1.1	1.3	1.3	0.8	0.6	0.9	0.9	1.2	0.6	0.7	0.4
Average	124	103	118	128	102	115	56.0	55.9	60.3	58.1	59.7	58.0	12.7	11.1	10.6	11.9	9.3	11.1
Highest	151	123	139	173	126	132	60.2	60.4	62.4	61.4	62.4	61.1	14.1	12.1	12.1	12.7	10.7	11.9
Lowest	95	78	95	76	68	83	50.3	52.0	57.5	54.3	56.3	54.7	11.6	9.6	9.3	10.7	7.9	10.2

2010 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 115 bushels/acre, 20 bushels/acre higher than the 2009 average of 95 bushels/acre. The CV for the average data was 9, lower than the CV in 2009. These trials were designed and analyzed as Alpha Lattice RCB designs that overall helped to account for within replication variation and reduced LSD and CV values.
2. The yields ranged from 102 to 128 bushels/acre across locations and reflected this year's good growing conditions, except for stripe rust. Average yield among entries across locations ranged from 83 to 132 bushels/acre with Cara, Brundage 96, and Skiles the top three varieties.
3. Test weight averaged 58.0 lb/bu across locations and entries and was lower than last year's 59.7 lb/bu. Grain protein averaged 11.1% and was slightly higher than last year's 10.8% value.