

2009 WSU SOFT WHITE WINTER WHEAT TRIAL SUMMARY
Precipitation Zone= 12"-16"

VARIETY NAME <i>(SWH Club in italics)</i>	ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE YIELD
	YIELD (BU/A)					
XERPHA	121	96	137	105	106	113
AP LEGACY	116	89	123	106	102	107
GEORGE	120	80	141	110	79	106
FINCH	117	86	138	89	100	106
RJAMES	127	92	127	96	81	104
WA008092	109	80	150	98	84	104
ELTAN/TUBBS06	116	84	149	89	80	104
ARS970170-2L	108	82	140	96	89	103
ARS970071-3C	102	75	126	94	115	103
WA008063	114	87	114	95	101	102
MASAMI	117	83	136	84	86	101
ELTAN	112	81	127	91	94	101
OR2060324	116	87	121	81	99	101
ORCF-103	107	91	112	104	87	100
ROD/TUBBS06	116	87	129	83	83	100
SALUTE	116	83	119	93	85	99
ROD	106	77	130	92	89	99
WA008064	106	82	117	100	90	99
9364901A	126	78	134	85	70	99
WA008066	109	84	123	83	94	99
ELTAN/MADSEN	115	71	140	79	86	98
TUBBS 06	110	83	133	82	80	98
ID02-859	103	82	127	89	85	97
SKILES	113	80	102	97	93	97
WB 523	121	85	115	81	83	97
OR2040726	113	86	116	74	93	96
MADSEN/ROD	105	80	127	86	83	96
BRUNDAGE 96	117	86	130	73	72	96
ORCF-102	108	87	105	94	84	96
CHUKAR	97	73	103	98	108	96
CARA	105	70	96	96	110	96
BRUEHL	107	71	124	92	81	95
CDC PTARMIGAN	107	77	139	73	79	95
WA008093	107	85	119	84	79	95
AP 700 CL	117	92	124	70	71	95
WA008094	104	77	127	84	81	94
LEGION	123	81	110	83	71	93
WB 456	107	92	113	78	74	93
MADSEN	112	81	120	79	68	92
KCF08002	115	87	91	79	87	91
CODA	99	81	113	78	86	91
WA008065	112	79	92	79	91	91
ID990435	105	73	127	75	74	91
ORI2060306	110	83	93	79	86	90
ARS970168-2C	104	75	103	77	90	90
WB 1020M	113	71	124	69	69	89
OR2050293	113	80	93	72	88	89
STEPHENS	110	79	113	71	66	88
BZ6W02-616	114	79	105	66	74	88
LAMBERT	104	78	111	75	70	88
KCF08001	115	79	90	81	74	88
WB 1066M	114	86	101	71	65	87
WB-528	112	77	106	65	68	86
BITTERROOT	103	71	119	65	68	85
CASHUP	93	60	102	82	80	83
ORCF-101	102	76	58	86	81	81
SIMON	104	70	92	60	69	79
WB 1070M	102	80	87	53	54	75
	STATISTICS					
CV (%)	7	8	17	10	13	12
LSD (0.10)	10	9	28	12	15	7
Average	111	81	117	84	83	95
Highest	127	96	150	110	115	113
Lowest	93	60	58	53	54	75

ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE TEST WEIGHT	
TEST WEIGHT (LBS/BU)						
59.4	60.4	59.3	59.0	60.2	59.7	
60.3	59.3	59.7	59.7	59.8	59.8	
58.0	59.0	58.6	60.0	59.8	59.1	
61.4	61.4	60.4	60.8	61.7	61.1	
58.4	57.7	58.0	58.3	59.8	58.4	
59.9	59.7	58.1	60.4	60.8	59.8	
59.8	60.4	59.1	59.8	59.5	59.7	
59.9	60.2	59.6	59.7	60.2	59.9	
60.0	60.1	59.0	59.9	61.2	60.0	
60.0	59.9	60.4	59.9	61.4	60.3	
59.3	58.1	58.7	59.1	59.3	58.9	
59.2	60.6	59.2	60.1	61.4	60.1	
57.0	57.4	56.0	56.3	57.9	56.9	
59.2	59.7	57.3	60.0	60.3	59.3	
59.2	58.5	58.9	58.3	59.1	58.8	
58.7	57.7	57.9	58.5	59.7	58.5	
58.2	57.8	58.4	58.3	58.9	58.3	
59.9	60.5	60.4	60.3	60.9	60.4	
61.0	60.7	59.2	59.4	60.8	60.2	
60.9	61.6	60.5	61.2	61.2	61.1	
60.3	60.4	59.6	59.3	59.8	59.9	
59.1	59.4	59.0	58.6	59.9	59.2	
58.8	59.4	58.5	58.5	59.6	59.0	
59.8	60.2	57.9	60.2	60.4	59.7	
60.3	60.1	59.7	59.7	61.6	60.3	
60.4	59.7	58.9	59.1	60.3	59.7	
59.2	59.5	58.2	59.0	59.5	59.1	
59.6	59.6	58.5	58.3	59.6	59.1	
60.4	60.6	59.5	59.9	60.6	60.2	
57.5	58.6	56.0	58.6	60.6	58.3	
56.7	57.3	56.3	58.2	58.9	57.5	
58.2	59.9	58.9	59.5	59.7	59.2	
58.8	59.0	58.1	58.0	60.3	58.8	
59.9	59.4	58.5	59.2	60.5	59.5	
60.2	59.7	59.2	58.6	59.8	59.5	
60.6	61.3	59.7	60.9	61.2	60.7	
58.7	58.5	58.5	58.6	59.6	58.8	
62.0	62.2	61.1	61.0	61.4	61.5	
60.3	60.3	59.3	59.1	59.5	59.7	
60.4	60.7	59.0	59.6	60.6	60.1	
60.7	61.1	60.8	60.7	61.4	60.9	
61.1	61.6	60.6	60.4	62.5	61.2	
58.8	58.9	59.1	59.0	60.5	59.3	
60.6	59.9	58.3	59.6	60.5	59.8	
62.3	62.1	58.2	61.0	62.4	61.2	
59.6	60.6	59.2	59.3	60.3	59.8	
58.1	58.4	58.2	57.4	59.4	58.3	
58.6	58.5	58.6	58.3	59.6	58.7	
60.6	61.3	60.2	59.8	60.7	60.5	
59.8	59.6	59.0	59.4	60.7	59.7	
60.8	59.7	58.8	60.0	60.6	60.0	
61.7	62.5	60.3	60.6	61.6	61.3	
61.1	61.3	60.0	60.2	61.5	60.8	
60.6	60.5	57.8	59.6	60.7	59.8	
60.3	60.0	59.4	59.5	61.5	60.1	
59.4	59.8	57.4	58.8	59.3	58.9	
60.6	60.3	57.4	58.5	59.9	59.3	
61.9	62.3	61.5	61.1	61.6	61.7	
	STATISTICS					
0.8	1.1	1.5	0.7	1.0	1.1	
0.7	0.9	1.2	0.6	0.9	0.4	
59.8	59.9	58.9	59.4	60.4	59.7	
62.3	62.5	61.5	61.2	62.5	61.7	
56.7	57.3	56.0	56.3	57.9	56.9	

ALMIRA	ANATONE	CRESTON	DUSTY	LAMONT	AVERAGE PROTEIN	
PROTEIN (%)						
9.9	9.9	9.6	9.7	11.2	10.1	
10.0	10.2	9.8	9.7	12.2	10.4	
10.9	11.1	9.2	10.8	12.3	10.9	
10.1	10.5	9.2	9.8	12.1	10.3	
9.0	10.0	9.6	9.7	12.9	10.2	
10.8	10.9	10.2	10.1	13.3	11.1	
10.0	10.8	9.4	11.1	11.9	10.6	
10.2	10.9	9.6	11.0	11.5	10.6	
10.3	11.3	10.6	10.6	12.7	11.1	
10.2	10.9	10.3	10.5	12.3	10.8	
10.1	11.0	9.2	9.2	11.4	10.2	
10.5	10.5	9.6	9.6	12.2	10.5	
10.1	9.9	9.5	10.0	11.5	10.2	
10.0	10.7	9.9	10.7	12.4	10.7	
9.9	10.4	9.9	9.8	10.7	10.1	
9.9	10.6	10.2	10.2	11.7	10.5	
10.5	10.9	9.3	9.5	11.1	10.3	
10.2	10.5	10.3	10.7	12.3	10.8	
10.1	10.1	9.2	10.3	13.1	10.6	
10.3	10.8	9.5	10.5	11.7	10.6	
10.0	11.8	10.3	9.8	12.9	11.0	
9.7	10.7	10.1	10.9	12.6	10.8	
11.1	10.4	9.5	10.8	12.6	10.9	
10.5	12.1	10.9	11.5	12.8	11.6	
10.3	10.6	10.2	9.9	12.0	10.6	
10.6	10.6	9.5	10.4	11.5	10.5	
10.1	10.8	10.5	10.1	12.6	10.8	
10.3	10.7	10.0	10.6	11.8	10.7	
10.1	10.7	9.5	11.0	12.1	10.7	
10.1	10.8	10.0	9.5	11.1	10.3	
9.7	10.9	9.5	9.6	11.4	10.2	
9.7	11.1	10.6	10.5	12.6	10.9	
9.9	10.3	9.6	9.3	11.4	10.1	
11.2	10.5	9.7	10.4	13.1	11.0	
9.7	10.9	10.8	10.9	12.8	11.0	
11.4	10.9	10.2	10.6	11.9	11.0	
9.7	10.9	10.0	10.9	11.2	10.5	
11.1	11.1	11.0	11.7	13.9	11.8	
10.4	11.1	10.9	11.0	11.6	11.0	
10.4	10.5	10.4	10.8	12.4	10.9	
10.1	10.6	10.1	10.2	11.7	10.5	
10.7	11.0	10.9	9.7	13.2	11.1	
11.0	11.1	10.7	10.3	12.3	11.1	
11.1	11.3	10.8	10.6	12.9	11.3	
10.4	10.8	10.9	10.7	12.2	11.0	
10.4	10.7	9.9	10.2	12.3	10.7	
10.2	11.3	10.3	10.3	12.9	11.0	
11.0	11.1	10.1	10.5	12.4	11.0	
10.0	10.6	10.5	11.1	12.0	10.8	
10.4	10.4	9.8	10.2	12.0	10.6	
9.8	10.9	11.1	10.8	12.2	11.0	
10.7	11.1	10.7	11.5	12.3	11.3	
10.9	10.4	10.2	11.0	12.6	11.0	
10.9	11.1	10.0	10.6	13.8	11.3	
11.1	10.7	9.5	9.7	12.5	10.7	
10.7	12.1	11.5	11.0	12.4	11.5	
10.0	11.4	10.6	10.7	13.5	11.2	
11.7	10.9	11.6	11.6	13.7	11.9	
	STATISTICS					
8.0	4.6	5.7	5.5	6.1	6.1	
1.1	0.7	0.8	0.8	1.0	0.4	
10.4	10.8	10.1	10.4	12.3	10.8	
11.7	12.1	11.6	11.7	13.9	11.9	
9.0	9.9	9.2	9.2	10.7	10.1	

2009 WSU Soft White Winter Wheat Trial Summary

Precipitation Zone 12"-16" – Preliminary Data

1. Soft white winter wheat grain yield across five locations and 58 entries in the 12"-16" precipitation zone averaged 95 bushels/acre, 11 bushels/acre higher than the 2008 average of 84 bushels/acre. The CV for the average data was 12 and was higher than desired largely because of high variability at Creston. These trials were designed and analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values.
2. Test weight averaged 59.7 lb/bu across locations 1.5 lb/bu higher than in 2008. Grain protein averaged 10.8% nearly equaling last year's 10.9% value.
3. When evaluating variety performance, consider as many locations and years as possible with similar environments. These summaries by rainfall zone are helpful because of similar environments, but also evaluate variety performance across years that can show variety adaptation. Past performance of a variety across locations and years is the best predictor of future performance.