

2009 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY

Precipitation Zone= <12"

VARIETY NAME (SWH Club in italics)	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE YIELD
	YIELD (BU/A)				
BZ604-002	27	30	15	31	26
WA008090	24	30	17	30	25
ALTURAS	28	30	14	28	25
LOUISE	26	31	14	28	25
JD (HSR)	28	30	13	27	25
WA008106	26	31	13	29	25
NICK	27	29	14	27	24
WA008089	25	29	13	30	24
<i>JD</i>	26	29	14	27	24
ZAK	27	28	14	27	24
WA008112	27	27	13	28	24
WHIT	26	26	15	28	24
WA008104	26	28	15	26	24
<i>EDEN</i>	23	28	17	25	24
WA008039HF	25	29	14	26	23
<i>EDEN (HSR)</i>	24	28	16	26	23
BABE	25	26	13	27	23
WAKANZ	25	27	13	25	22
CATALDO	21	28	13	24	22
ALPOWA	21	25	14	27	21
WA008108	21	26	13	24	21
WA008059	21	25	14	24	21
WA008058	19	24	15	23	20
WA008041	19	24	13	23	20
	STATISTICS				
CV (%)	14	6	12	6	10
LSD (0.10)	5	2	2	2	2
Average	25	28	14	27	23
Highest	28	31	17	31	26
Lowest	19	24	13	23	20

BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE TEST WEIGHT
TW (LBS/BU)				
61.3	62.2	60.6	61.5	61.4
60.4	62.0	60.9	62.2	61.4
59.4	61.7	60.2	61.3	60.7
59.9	61.6	60.1	61.7	60.8
61.6	62.9	61.2	62.5	62.1
60.7	62.6	60.6	62.1	61.5
60.3	61.6	60.7	61.1	60.9
60.8	62.3	60.4	62.4	61.5
60.9	63.0	61.6	62.4	62.0
61.1	61.7	61.2	60.8	61.2
58.2	59.6	59.4	61.0	59.6
59.7	61.6	59.7	60.9	60.5
60.9	63.4	60.8	62.4	61.9
61.1	63.0	62.0	62.2	62.1
60.8	62.5	59.8	61.9	61.3
60.5	62.7	61.9	62.1	61.8
61.3	62.6	60.3	61.7	61.5
59.3	60.7	59.1	60.4	59.9
58.2	60.3	58.8	59.7	59.3
61.0	62.8	61.4	61.8	61.8
61.5	63.0	61.1	62.3	62.0
60.6	61.3	61.7	60.4	61.0
60.8	61.5	62.1	60.7	61.3
60.1	61.1	60.7	60.1	60.5
STATISTICS				
1.0	0.3	1.0	0.5	0.8
0.8	0.3	0.9	0.4	0.3
60.4	62.0	60.7	61.5	61.2
61.6	63.4	62.1	62.5	62.1
58.2	59.6	58.8	59.7	59.3

BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE PROTEIN
PROTEIN (%)				
11.8	12.5	12.6	12.3	12.3
11.6	12.6	12.1	12.3	12.2
11.5	12.6	12.6	12.5	12.3
11.7	12.5	13.2	11.8	12.3
12.1	12.7	13.1	12.4	12.6
11.3	12.3	12.5	12.3	12.1
12.2	13.7	13.5	13.0	13.1
11.0	12.2	12.7	11.7	11.9
12.0	12.8	12.9	12.5	12.6
12.7	13.4	13.3	13.2	13.2
12.2	12.8	13.1	12.2	12.6
12.0	13.4	13.0	12.2	12.7
12.4	13.5	13.0	13.1	13.0
11.3	12.2	12.0	12.0	11.9
12.0	13.4	13.1	13.0	12.9
11.5	12.5	12.5	11.9	12.1
12.0	13.4	13.2	12.8	12.9
12.1	13.7	13.4	13.1	13.1
12.2	13.2	13.3	12.6	12.8
12.1	13.3	13.1	12.8	12.8
12.7	14.0	13.7	13.3	13.4
13.9	14.2	13.6	13.6	13.8
14.1	14.6	13.9	13.6	14.1
12.7	13.6	12.9	13.2	13.1
STATISTICS				
3.5	1.5	3.1	1.9	2.6
0.6	0.3	0.6	0.3	0.2
12.1	13.1	13.0	12.6	12.7
14.1	14.6	13.9	13.6	14
11.0	12.2	12.0	11.7	11.9

2009 WSU HARD SPRING WHEAT TRIAL SUMMARY
Precipitation Zone= <12"

VARIETY NAME	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE YIELD
Hard Red Spring	YIELD (BU/A)				
SCARLET	22	30	13	26	23
VOLT	20	26	17	22	21
HANK	26	25	11	23	21
LASSIK	19	29	12	25	21
HOLLIS	23	26	13	22	21
UI WINCHESTER	23	26	13	21	21
WA008074	23	22	15	23	21
BULLSEYE	22	26	14	22	21
WA008072	20	25	14	22	20
KELSE	21	21	14	25	20
WA008075	22	23	14	21	20
JEDD	22	22	14	22	20
WA008076	18	25	13	23	20
TARA 2002	21	23	14	21	20
OR4990114	20	24	14	21	20
WA008027	20	23	13	22	19
JEFFERSON	19	25	13	20	19
WESTBRED 926	21	21	14	20	19
BUCK PRONTO	18	24	11	20	18
NPBHR70	18	21	13	20	18
Hard White Spring	STATISTICS				
OTIS	27	31	13	24	24
BZ903-445WP	25	26	17	26	23
WA008100	22	31	12	27	23
WA008078	24	28	14	24	23
WA008079	26	25	13	26	22
CLEAR WHITE	27	24	14	23	22
WA008101	24	27	12	25	22
RSI10348W	22	26	12	22	20
MACON	19	23	13	24	20
BLANCA GRANDE	20	24	13	19	19
CV (%)	14	9	14	7	11
LSD (0.10)	4	3	3	2	2
Average	22	25	13	23	21
Highest	27	31	17	27	24
Lowest	18	21	11	19	18

BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE TEST WEIGHT
TW (LBS/BU)				
59.3	61.3	60.1	60.1	60.2
61.3	63.6	63.0	61.9	62.5
59.2	61.7	58.8	61.1	60.2
60.2	62.5	60.2	61.6	61.1
60.4	61.3	61.0	61.2	61.0
60.3	62.6	60.9	61.4	61.3
60.5	62.2	61.4	61.4	61.4
62.0	63.7	63.0	62.6	62.8
59.6	62.1	61.3	60.9	61.0
60.3	61.8	61.4	61.3	61.2
60.3	62.4	61.5	61.3	61.4
62.2	62.9	62.3	62.3	62.4
60.1	62.3	61.2	61.7	61.3
60.5	60.6	59.3	59.3	59.9
58.9	62.3	62.0	61.6	61.2
60.1	60.8	59.8	60.0	60.2
59.4	62.1	61.4	61.0	61.0
60.0	61.5	60.4	60.2	60.5
58.8	61.3	59.8	60.2	60.0
59.0	61.3	60.6	60.6	60.4
STATISTICS	STATISTICS			
1.5	0.5	1.1	0.6	1.0
1.3	0.8	0.9	0.5	0.4
60.2	62.1	60.9	61.1	61.1
62.2	63.7	63.0	62.6	62.8
58.8	60.6	58.8	59.3	59.9

BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE PROTEIN
PROTEIN (%)				
14.3	16.0	15.4	16.1	15.5
13.3	14.6	13.6	14.3	14.0
14.4	16.3	16.0	15.7	15.6
14.0	14.7	14.1	14.6	14.4
14.0	16.0	15.7	15.5	15.3
13.8	15.2	14.9	15.3	14.8
13.7	16.1	14.6	15.1	14.9
13.2	16.2	14.6	15.4	14.9
14.6	15.8	15.5	15.7	15.4
15.4	17.0	15.4	16.4	16.1
14.7	16.3	15.3	16.0	15.6
14.2	16.1	15.0	14.9	15.1
14.0	15.8	14.3	14.9	14.8
15.0	16.5	15.9	15.5	15.7
14.1	15.5	14.5	15.5	14.9
15.1	16.9	16.0	16.5	16.1
14.5	16.6	15.6	16.2	15.7
15.1	16.8	16.1	15.7	15.9
15.6	17.1	17.0	16.5	16.6
15.4	16.7	15.8	16.1	16.0
STATISTICS	STATISTICS			
3.6	3.2	3.5	1.8	3.1
0.7	0.7	0.7	0.4	0.3
14.1	15.8	15.0	15.1	15.0
15.6	17.1	17.0	16.5	16.5
12.2	14.2	13.6	13.4	13.5

2009 WSU Hard Spring Wheat Trial Summary

Precipitation Zone <12" – Preliminary Data

1. Hard spring wheat grain yield across four locations, 20 hard red entries, and 10 hard white entries, in the <12" precipitation zone averaged 21 bushels/acre, slightly lower than the 2008 average. These trials were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values. The highest value and other values within the LSD range are shown in bold for yield, test weight, and protein.
2. Four of the five cultivars in the top LSD group are hard white cultivars.
3. Test weight averaged 61.1 lb/bu across locations and entries, with a range of 59.9 lb/bu to 62.8 lb/bu. Test weights averaged higher than last year. Grain protein averaged 15.0% with a range of 13.5% to 16.5%, slightly higher than last year's average.

2009 WSU Soft White Spring Wheat Trial Summary

Precipitation Zone <12" – Preliminary Data

1. Soft white spring wheat grain yield across four locations and 24 entries in the <12" precipitation zone averaged 23 bushels/acre, 2 bushels/acre lower than the 2008 average. These trials were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values. The highest value and other values within the LSD range are shown in bold for yield and test weight, but the lowest group is bolded for protein.
2. Club varieties are indicated by italic print and 'hsr ' designates a 20% higher seeding rate for two club varieties.
3. Test weight averaged 61.2 lb/bu across locations and entries, with a range of 59.3 lb/bu to 62.1 lb/bu. Test weights averaged higher than last year. Grain protein averaged 12.7% with a range of 11.9% to 14.0%, slightly lower than last year's average.