

2009 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY

Precipitation Zone= <12"

VARIETY NAME (SWH Club in italics)	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE YIELD	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE TEST WEIGHT	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE PROTEIN
	YIELD (BU/A)					TW (LBS/BU)					PROTEIN (%)				
BZ604-002	27	30	15	31	26	61.3	62.2	60.6	61.5	61.4	11.8	12.5	12.6	12.3	12.3
WA008090	24	30	17	30	25	60.4	62.0	60.9	62.2	61.4	11.6	12.6	12.1	12.3	12.2
ALTURAS	28	30	14	28	25	59.4	61.7	60.2	61.3	60.7	11.5	12.6	12.6	12.5	12.3
LOUISE	26	31	14	28	25	59.9	61.6	60.1	61.7	60.8	11.7	12.5	13.2	11.8	12.3
JD (HSR)	28	30	13	27	25	61.6	62.9	61.2	62.5	62.1	12.1	12.7	13.1	12.4	12.6
WA008106	26	31	13	29	25	60.7	62.6	60.6	62.1	61.5	11.3	12.3	12.5	12.3	12.1
NICK	27	29	14	27	24	60.3	61.6	60.7	61.1	60.9	12.2	13.7	13.5	13.0	13.1
<i>WA008089</i>	25	29	13	30	24	60.8	62.3	60.4	62.4	61.5	11.0	12.2	12.7	11.7	11.9
<i>JD</i>	26	29	14	27	24	60.9	63.0	61.6	62.4	62.0	12.0	12.8	12.9	12.5	12.6
ZAK	27	28	14	27	24	61.1	61.7	61.2	60.8	61.2	12.7	13.4	13.3	13.2	13.2
WA008112	27	27	13	28	24	58.2	59.6	59.4	61.0	59.6	12.2	12.8	13.1	12.2	12.6
WHIT	26	26	15	28	24	59.7	61.6	59.7	60.9	60.5	12.0	13.4	13.0	12.2	12.7
WA008104	26	28	15	26	24	60.9	63.4	60.8	62.4	61.9	12.4	13.5	13.0	13.1	13.0
<i>EDEN</i>	23	28	17	25	24	61.1	63.0	62.0	62.2	62.1	11.3	12.2	12.0	12.0	11.9
WA008039HF	25	29	14	26	23	60.8	62.5	59.8	61.9	61.3	12.0	13.4	13.1	13.0	12.9
<i>EDEN (HSR)</i>	24	28	16	26	23	60.5	62.7	61.9	62.1	61.8	11.5	12.5	12.5	11.9	12.1
BABE	25	26	13	27	23	61.3	62.6	60.3	61.7	61.5	12.0	13.4	13.2	12.8	12.9
WAKANZ	25	27	13	25	22	59.3	60.7	59.1	60.4	59.9	12.1	13.7	13.4	13.1	13.1
CATALDO	21	28	13	24	22	58.2	60.3	58.8	59.7	59.3	12.2	13.2	13.3	12.6	12.8
ALPOWA	21	25	14	27	21	61.0	62.8	61.4	61.8	61.8	12.1	13.3	13.1	12.8	12.8
WA008108	21	26	13	24	21	61.5	63.0	61.1	62.3	62.0	12.7	14.0	13.7	13.3	13.4
WA008059	21	25	14	24	21	60.6	61.3	61.7	60.4	61.0	13.9	14.2	13.6	13.6	13.8
WA008058	19	24	15	23	20	60.8	61.5	62.1	60.7	61.3	14.1	14.6	13.9	13.6	14.1
WA008041	19	24	13	23	20	60.1	61.1	60.7	60.1	60.5	12.7	13.6	12.9	13.2	13.1
	STATISTICS					STATISTICS					STATISTICS				
CV (%)	14	6	12	6	10	1.0	0.3	1.0	0.5	0.8	3.5	1.5	3.1	1.9	2.6
LSD (0.10)	5	2	2	2	2	0.8	0.3	0.9	0.4	0.3	0.6	0.3	0.6	0.3	0.2
Average	25	28	14	27	23	60.4	62.0	60.7	61.5	61.2	12.1	13.1	13.0	12.6	12.7
Highest	28	31	17	31	26	61.6	63.4	62.1	62.5	62.1	14.1	14.6	13.9	13.6	14.0
Lowest	19	24	13	23	20	58.2	59.6	58.8	59.7	59.3	11.0	12.2	12.0	11.7	11.9

1. Soft white spring wheat grain yield across four locations and 24 entries in the <12" precipitation zone averaged 23 bu/ac, 2 bu/ac 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 italicized 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 1.4 lb/bu higher than last year. Grain protein averaged 12.7% with a range of 11.9% to 14.0%, 0.4% lower than last year's average.