

2010 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY
Precipitation Zone= >20"

VARIETY NAME (SWH Club in italics)	COLFAX	FARMINGTON	PULLMAN	AVERAGE YIELD	COLFAX	FARMINGTON	PULLMAN	AVERAGE TEST WEIGHT	COLFAX	FARMINGTON	PULLMAN	AVERAGE PROTEIN
	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
<i>JD</i>	85	105	77	89	61.4	61.4	59.9	60.9	11.6	10.0	13.5	11.7
<i>JD +25%</i>	76	104	66	82	60.9	61.4	58.3	60.2	11.5	10.2	14.4	12.0
WA008124	71	101	71	81	58.4	60.1	56.8	58.4	11.9	8.7	14.5	11.7
<i>WA008110</i>	64	105	63	77	58.5	60.0	54.9	57.8	12.2	9.3	15.0	12.2
WA008106	70	95	61	75	60.8	60.6	58.3	59.9	10.8	9.8	13.2	11.3
<i>EDEN +25%</i>	59	99	55	71	59.8	61.0	57.1	59.3	11.3	9.1	13.1	11.2
IDO671	63	94	55	71	59.6	59.8	56.9	58.8	11.2	9.2	13.1	11.2
WA008089	68	93	50	70	60.0	60.9	55.3	58.7	10.4	9.3	13.7	11.1
ALTURAS	62	91	58	70	58.9	59.9	56.0	58.3	11.7	9.0	13.6	11.4
DIVA	63	95	52	70	58.4	60.1	55.0	57.8	11.4	8.8	13.9	11.4
BABE	57	102	50	70	59.7	60.0	54.4	58.0	10.4	9.1	14.3	11.3
IDO599	58	95	56	70	58.9	59.2	55.0	57.7	11.4	9.3	14.2	11.6
LOUISE	59	96	51	69	57.1	59.9	53.9	57.0	11.3	9.1	13.8	11.4
<i>EDEN</i>	60	96	48	68	59.9	60.7	56.6	59.1	10.7	9.2	13.4	11.1
WAKANZ	64	97	41	67	58.1	59.5	50.8	56.2	10.9	10.1	14.6	11.9
IDO669	64	89	49	67	59.2	60.2	55.2	58.2	11.8	9.4	14.6	11.9
WA008113	57	95	44	65	59.4	60.9	54.8	58.4	11.4	9.2	14.6	11.7
<i>WA008107</i>	55	90	48	64	59.8	59.8	55.3	58.3	11.5	10.3	14.4	12.1
ALPOWA	47	91	44	61	58.6	59.7	55.1	57.8	11.0	9.2	14.3	11.5
WHIT	52	86	44	61	58.5	59.8	52.5	56.9	11.5	9.7	13.8	11.7
WA008105	49	83	41	58	57.3	59.3	53.5	56.7	10.9	8.9	13.7	11.2
ZAK	47	84	34	55	57.9	58.8	54.1	56.9	11.6	9.7	14.7	12.0
CATALDO	44	68	36	49	58.6	58.8	53.9	57.1	11.4	10.0	13.9	11.8
NICK	43	71	31	48	57.5	59.2	52.1	56.3	11.4	9.7	14.1	11.7
CV (%)	10	6	7	7	1.7	0.8	1.5	1.4	5.5	5.3	3.0	4.5
LSD (0.10)	8	7	5	4	1.4	0.6	1.1	0.6	0.9	0.7	0.6	0.4
Average	60	93	51	68	59.1	60.0	55.2	58.1	11.3	9.4	14.0	11.6
Highest	85	105	77	89	61.4	61.4	59.9	60.9	12.2	10.3	15.0	12.2
Lowest	43	68	31	48	57.1	58.8	50.8	56.2	10.4	8.7	13.1	11.1

2010 WSU Soft White Spring Wheat Trial Summary

Precipitation Zone >20" – Preliminary Data

1. Soft white spring wheat grain yield across three locations and 24 entries in the >20" precipitation zone averaged 68 bushels/acre, 15 bushels/acre lower than the 2009 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 top LSD range are shown in bold for yield and test weight, but the lowest group is bolded for protein.
2. Precipitation and stripe rust contributed to yields that were highly variable and ranged from 51 to 93 bu/acre among locations. All locations had stripe rust that impacted susceptible entries. Entries across locations ranged from 48 to 89 bushels/acre with the club JD topping the trial, the same as 2009.
3. Club varieties are indicated by italic print and the '+25%' designates a 25% higher seeding rate for two club varieties.
4. The test weights were low and averaged 58.1 lb/bu across locations and entries, with a range of 56.2 lb/bu to 60.9 lb/bu among entries and 55.2 to 60.0 lb/bu among locations. Test weights averaged 3.6 lb/bu lower than last year. Grain protein averaged 11.6% with a range of 11.1% to 12.2% and was similar to the 2009 average.