

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

VARIETY NAME	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
	COLFAX	FARMINGTON	PULLMAN	AVERAGE YIELD	COLFAX	FARMINGTON	PULLMAN	AVERAGE TEST WEIGHT	COLFAX	FARMINGTON	PULLMAN	AVERAGE PROTEIN
Hard Red Spring	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
BUCK PRONTO	71	73	77	74	59.1	55.1	57.8	57.3	14.5	15.8	16.0	15.4
WA008074	63	77	69	70	58.7	55.3	56.2	56.7	13.8	14.9	15.1	14.6
LASSIK	65	63	70	66	57.4	53.0	56.4	55.6	13.9	15.2	14.9	14.7
SCARLET	62	60	65	62	57.8	52.4	56.3	55.5	13.7	16.1	14.8	14.9
UI WINCHESTER	56	71	56	61	58.0	55.3	54.7	56.0	14.1	14.7	15.5	14.8
JEFFERSON	52	70	58	60	57.1	55.7	56.8	56.5	14.2	14.8	15.1	14.7
BULLSEYE	54	69	47	57	60.0	56.1	55.8	57.3	13.2	15.5	15.3	14.7
WB-FUZION	42	68	46	52	56.0	56.1	53.4	55.2	13.6	14.1	15.7	14.5
KELSE	48	64	42	51	57.9	54.1	52.6	54.9	14.6	16.3	17.0	16.0
HOLLIS	43	64	43	50	57.9	56.0	54.4	56.1	14.5	14.9	15.7	15.0
WESTBRED 926	45	62	40	49	55.3	52.6	49.9	52.6	14.9	15.5	16.6	15.7
OR4990114	43	63	40	49	56.5	55.1	53.0	54.9	13.1	13.4	14.7	13.7
TARA 2002	38	59	35	44	55.4	53.9	48.7	52.7	13.7	14.7	15.7	14.7
HANK	27	53	27	36	51.3	52.7	46.3	50.1	14.9	14.7	16.6	15.4
IDO665	32	50	25	36	53.4	51.6	46.4	50.5	13.8	15.3	16.7	15.3
IDO667	24	51	24	33	55.1	55.1	50.7	53.6	14.0	14.7	16.5	15.1
Hard White Spring	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
WA008123	77	73	78	76	60.1	55.5	58.4	58.0	13.1	14.7	14.0	13.9
BR7030	62	79	70	70	57.8	55.5	56.7	56.7	13.7	14.1	13.6	13.8
WA008100	75	75	61	70	60.8	57.1	57.3	58.4	11.4	13.6	13.9	13.0
PATWIN	68	72	65	68	56.1	51.7	52.1	53.3	13.7	15.3	16.0	15.0
CLEAR WHITE	60	76	61	66	59.6	56.4	55.7	57.2	11.9	13.7	14.1	13.2
WA008122	46	59	39	48	57.6	54.3	52.4	54.8	12.9	14.3	15.2	14.1
OTIS	42	56	36	45	58.7	56.4	55.6	56.9	12.6	13.9	14.7	13.7
MACON	37	55	37	43	55.3	53.4	51.8	53.5	13.4	13.8	14.7	14.0
CV (%)	15	12	5	12	2.8	3.6	1.4	2.8	5.3	7.0	2.7	5.3
LSD (0.10)	10	11	3	5	2.2	2.7	1.0	1.2	1.0	1.4	0.6	0.6
Average	51	65	51	56	57.2	54.6	53.7	55.2	13.6	14.8	15.3	14.6
Highest	77	79	78	76	60.8	57.1	58.4	58.4	14.9	16.3	17.0	16.0
Lowest	24	50	24	33	51.3	51.6	46.3	50.1	11.4	13.4	13.6	13.0

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.