

2010 WSU HARD SPRING WHEAT TRIAL SUMMARY
Precipitation Zone= 12" - 16"

VARIETY NAME	ALMIRA	ENDICOTT	LAMONT	AVERAGE YIELD	ALMIRA	ENDICOTT	LAMONT	AVERAGE TEST WEIGHT	ALMIRA	ENDICOTT	LAMONT	AVERAGE PROTEIN
	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
Hard Red Spring												
SCARLET	43	69	71	61	47.7	62.4	61.2	57.1	17.4	13.6	15.9	15.6
WA008074	51	64	68	61	51.6	62.7	61.2	58.5	17.5	13.6	14.3	15.1
LASSIK	46	69	68	61	50.8	63.0	62.2	58.7	16.3	12.8	14.8	14.6
UI WINCHESTER	51	61	70	61	51.8	62.8	61.2	58.6	16.7	13.3	14.1	14.7
JEFFERSON	51	54	67	57	53.0	61.6	60.8	58.5	17.9	13.1	13.7	14.9
BUCK PRONTO	53	58	60	57	53.3	62.0	60.6	58.6	17.8	15.5	15.6	16.3
HOLLIS	48	59	60	56	52.6	62.0	59.7	58.1	16.8	14.5	15.5	15.6
WESTBRED 926	55	54	55	55	52.0	61.0	58.1	57.0	17.1	13.2	15.2	15.2
BULLSEYE	52	51	58	54	54.7	63.2	62.4	60.1	16.2	13.1	14.3	14.5
WB-FUZION	58	49	50	52	52.8	61.2	58.8	57.6	17.1	12.5	13.9	14.5
KELSE	49	56	51	52	51.9	62.0	59.7	57.9	17.4	14.7	15.6	15.9
TARA 2002	49	55	46	50	50.9	61.8	57.4	56.7	16.5	13.3	14.7	14.8
OR4990114	44	48	50	47	49.0	61.7	59.7	56.8	16.2	12.5	13.9	14.2
HANK	56	45	40	47	51.9	60.4	54.6	55.6	16.2	12.4	15.0	14.5
IDO665	49	47	37	44	50.7	60.3	55.6	55.5	17.1	12.8	15.3	15.1
IDO667	53	42	38	44	54.0	62.4	58.0	58.1	16.7	11.7	13.4	13.9
Hard White Spring												
BR7030	50	74	88	71	51.0	63.3	62.5	58.9	15.9	12.7	13.3	14.0
WA008100	42	78	80	67	50.6	63.8	62.7	59.0	17.7	11.6	12.1	13.8
WA008123	46	72	71	63	53.0	63.3	61.3	59.2	16.2	13.0	14.6	14.6
PATWIN	42	64	75	60	47.3	60.2	59.1	55.5	15.3	13.7	14.3	14.4
WA008122	49	58	65	57	52.0	62.8	59.4	58.1	15.3	12.0	13.0	13.4
OTIS	40	63	62	55	51.6	63.6	61.9	59.0	17.1	12.0	12.5	13.9
CLEAR WHITE	58	43	51	51	54.6	61.0	59.7	58.4	16.2	12.4	13.1	13.9
MACON	47	52	53	51	50.8	61.9	59.4	57.4	15.7	11.8	13.0	13.5
CV (%)	10	8	11	10	3.4	0.9	1.1	1.9	8.1	3.5	2.5	5.8
LSD (0.10)	7	7	9	4	2.4	0.8	0.9	0.9	1.9	0.6	0.5	0.7
Average	49	58	60	55	51.7	62.1	59.9	57.9	16.7	13.0	14.2	14.6
Highest	58	78	88	71	54.7	63.8	62.7	60.1	17.9	15.5	15.9	16.3
Lowest	40	42	37	44	47.3	60.2	54.6	55.5	15.3	11.6	12.1	13.4

2010 WSU Hard Spring Wheat Trial Summary Precipitation Zone 12" – 16" – Preliminary Data

1. Hard spring wheat grain yield, including white and red, across three locations and 24 entries in the 12"-16" precipitation zone averaged 55 bushels/acre, 4 bushels/acre higher 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 LSD range are shown in bold for yield, test weight, and protein.

2. Test weight averaged 57.9 lb/bu across locations and entries, with a range of 55.5 lb/bu to 60.1 lb/bu. Test weights averaged over 2.5 lb/bu lower than last year. Grain protein averaged 14.6% with a range of 13.4% to 16.3%, about 0.5% numerically lower than last year's average.