

2012 WSU Variety Testing Hard Spring Wheat Trial, Lamont

Variety Name <i>*Hard White Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>WB Hartline</i>				54	59.5	14.5	30	177
WA 8167				53	61.2	12.9	31	176
Scarlet	57	64	61	51	60.5	14.2	31	177
WA 8166				50	61.1	14.3	29	177
Glee (WA 8074)		62	59	49	61.2	15.1	31	176
Lassik		64	62	48	61.3	13.8	25	178
SY605 CL				47	61.5	15.5	31	175
Hollis	49	56	55	47	60.8	14.1	36	176
<i>Patwin 515</i>			57	47	59.4	14.8	23	178
<i>Otis</i>		58	56	47	60.9	13.2	33	177
WA 8164				46	61.0	14.2	32	175
WA 8165				46	62.1	14.7	36	177
<i>BR7030</i>		70	61	46	61.8	14.4	29	176
Bullseye	47	56	55	45	62.3	13.8	27	177
Hank	42	46	49	44	59.5	14.2	29	176
Jefferson	49	58	54	44	61.0	14.0	29	176
LCS-ALbany				43	60.2	15.7	30	180
<i>WA 8168</i>				43	60.8	14.5	30	178
<i>IDO694</i>				42	61.8	14.2	25	176
V272				42	60.2	13.4	24	182
Tara 2002	44	51	53	42	60.9	14.2	32	176
LCS-Powerplay			53	41	61.4	13.6	29	178
LCS-Buck Pronto	47	55	53	41	61.2	14.0	29	176
<i>WA 8163</i>				41	62.2	13.1	30	178
Jedd	34			41	61.2	13.6	26	176
<i>Clear White 515</i>			55	40	58.6	15.8	27	177
Kelse	46	53	54	40	60.6	15.1	32	177
WB-Fuzion	44	50	49	40	60.5	15.0	30	175
Espresso				39	59.9	15.3	26	177
<i>Dayn (WA 8123)</i>		62	58	39	60.7	14.4	29	176
C.V. %	9	9	7	10	0.6	5.5	4	0
LSD (.10)	2	3	3	5	0.4	0.8	1	1
Average	46	57	56	45	60.8	14.3	29	177
Highest	57	70	62	54	62.3	15.8	36	182
Lowest	34	46	49	39	58.6	12.9	23	175

Lamont Hard Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Lamont hard spring wheat trial averaged 45 bushels/acre, 1 bushel/acre lower than the 5-year average. The Lamont nursery was located about five miles southeast of Lamont, WA (G. White, cooperator).
2. This nursery was seeded on 19 April, 2012 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disc openers set on 6-inch spacing. Fertilizer was applied pre-plant at 80#N/acre and a soil test showed 174#N/acre available. Available N should be adequate for expected yield and protein for hard spring wheat and no supplemental fertilizer was applied. Spring seeding conditions were good.
3. Yields ranged from 39 bu/acre to 54 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 30 entries are in this group. The hard white 'WB Hartline' was the highest yielding entry in this trial. 'Scarlet' was the highest yielding over 5 years of results at this site. Fungicide was applied 10 May for stripe rust control.
4. Test weights averaged 60.8 lbs/bu and ranged from 58.6 to 62.3 lbs/bu. Grain protein averaged 14.3% with a range of 12.9 to 15.8%. The average plant height was 29 inches with no lodging.