

2012 WSU Variety Testing Hard Spring Wheat Trial, Endicott

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
Scarlet	65	63	60	70	61.7	13.9	35	183
<i>WB Harline</i>				69	61.0	14.7	33	184
<i>WA 8163</i>				69	62.6	13.9	33	185
WA 8167				67	61.7	14.1	33	183
<i>WA 8123</i>		64	60	67	61.6	13.7	32	182
Jefferson	58	56	57	66	62.0	14.3	34	184
Glee (WA 8074)		60	58	66	62.5	13.9	35	182
<i>BR7030</i>		64	60	66	62.9	13.4	31	184
<i>Otis</i>		57	55	65	62.5	13.3	38	185
WA 8166				63	63.0	15.0	32	184
Hollis	58	57	56	63	61.4	15.1	41	182
Bullseye	53	53	54	63	63.4	14.1	30	183
Lassik		62	58	62	61.4	14.5	29	185
Tara 2002	56	53	52	61	61.7	14.4	36	181
LCS-ALbany				60	61.7	14.4	30	188
LCS-Powerplay			55	60	62.9	14.0	33	182
WA 8164				60	61.7	14.9	32	182
<i>IDO694</i>				60	62.9	13.6	30	182
Kelse	58	55	55	60	60.9	15.4	34	183
LCS-Buck Pronto	52	54	52	60	62.5	14.9	32	181
WA 8165				59	62.0	16.1	40	184
<i>Patwin 515</i>			52	59	61.0	14.6	24	186
Espresso				59	60.5	16.1	31	186
Hank	53	48	49	58	61.1	14.0	31	182
SY605 CL				56	63.3	15.3	35	181
<i>Clear White 515</i>			51	56	61.1	14.8	32	182
WB-Fuzion	47	49	49	55	61.9	15.1	33	180
<i>WA 8168</i>				55	61.6	14.7	32	185
V272				53	58.8	14.2	28	190
Jedd	55			53	61.7	13.9	27	183
C.V. %	7	7	6	6	0.8	2.5	4	0
LSD (.10)	2	2	2	4	0.5	0.4	1	1
Average	55	57	55	61	61.8	14.5	33	183
Highest	65	64	60	70	63.4	16.1	41	190
Lowest	47	48	49	53	58.8	13.3	24	180

Endicott Hard Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Endicott hard spring wheat trial averaged 61 bushels/acre, 6 bushels/acre higher than the 5-year average. The Endicott nursery was located about five miles east of Endicott, WA (M. Richter, cooperater).
2. This nursery was seeded on 7 May, 2012 following spring wheat. Seed was placed at an 80#/acre seeding rate using no-till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Fertilizer was applied pre-plant at 60#N/acre and a soil test showed 146#N/acre available. Total fertilizer should be adequate for hard protein levels based on expected yield. Spring seeding conditions were good.
3. Yields ranged from 53 bu/acre to 70 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 8 of the 30 entries are in this group. `Scarlet' was the highest yielding entry in this trial and the highest yielding over 5 years of results at this site. Quilt fungicide was applied 13 June for stripe rust control.
4. Test weights averaged 61.8 lbs./bu and ranged from 58.8 to 63.4 lbs/bu. Grain protein averaged 14.5% with a range of 13.3 to 16.4%. The average plant height was 33 inches with no lodging.