

2013 WSU Variety Testing Hard Spring Wheat Trial, Almira

Variety Name <i>*Hard White Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
<i>IDO1202S</i>				64	61.7	12.1	36
Glee-G2				63	61.1	11.9	34
Tara 2002	55	59	57	63	61.5	12.4	36
Glee (WA 8074)	55	58	51	61	60.4	12.8	35
<i>AUBR31059W (Roydon)</i>				60	62.1	11.9	33
<i>CO1565W</i>				60	59.5	12.7	37
<i>WA 8192</i>				59	59.5	11.7	33
SY605 CL			54	59	61.7	12.6	37
<i>Dayn (WA 8123)</i>		63	56	59	59.3	12.1	34
LNR10-0551				59	62.3	12.3	37
LCS-Buck Pronto	52	55	48	58	59.9	12.8	35
Scarlet	53	56	52	58	59.2	12.7	36
Bullseye	55	57	53	58	61.3	12.1	30
<i>BR7030</i>		57	51	58	60.7	11.8	35
Glee-0W				58	60.3	12.1	35
<i>IDO694C</i>				58	60.4	12.4	32
<i>08SB0658-B</i>				58	58.9	12.3	29
Lassik	56	59	54	57	59.7	12.0	30
<i>CHBR1481W (Rexon)</i>				56	60.7	12.0	37
<i>WB Harline</i>			51	56	58.5	12.6	35
<i>WA 8163</i>			51	56	60.0	12.5	35
Jefferson	55	57	51	56	59.7	11.8	34
IDO862E				56	60.6	12.7	33
Kelse	52	54	50	56	60.6	13.2	36
Hollis	50	51	43	56	59.5	13.4	45
WA 8164			52	56	59.6	13.4	34
11SB0096				56	58.3	12.3	31
WA 8166			48	56	60.3	12.2	34
WB9879CLP				56	61.3	13.0	33
WA 8165			46	56	61.0	13.0	43
UI-Winchester				55	61.0	12.4	32
<i>Otis</i>	48	51	45	53	58.9	12.1	39
<i>Patwin 515</i>		55	48	53	59.9	12.4	26
IDO862T				52	59.2	13.0	34
WA 8191				50	58.4	12.2	36
WA 8190				47	56.5	13.1	36
C.V. %	8	9	9	8	2.1	4.7	3
LSD (.10)	2	3	3	5	1.4	0.6	1
Average	53	56	51	57	60.1	12.4	35
Highest	56	63	57	64	62.3	13.4	45
Lowest	48	51	43	47	56.5	11.7	26

Almira Hard Spring Wheat – Preliminary Data

1. Grain yield in the 2013 Almira hard spring wheat trial averaged 57 bushels/acre, four bushels/acre higher than the 5-year average. The Almira nursery was located about 12 miles northeast of Almira, WA (Dan McKay, cooperator).
2. This nursery was seeded on 17 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with hoe openers. Base fertilizer was 65#N/acre applied at planting. A spring soil test analysis showed 120#N/acre and 10#N/acre additional fertilizer was applied to the hard trial to meet the hard protein target at projected yield levels. Spring seeding conditions and establishment were good.
3. Yields ranged from 47 bu/acre to 64 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 10 of the 36 entries are in this group. 'Glee-G2', Glee with insecticide seed treatment at 2 oz/100# of seed applied instead of the standard rate, was the highest yielding entry in the trial and 'Lassik' was highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 60.1 lbs/bu with a range from 58.5 to 62.3 lbs/bu. Grain protein averaged 12.5% with a range of 11.1 to 14.3%. The average plant height was 35 inches with no lodging.