

WSU Variety Testing 2013 Hard Spring Wheat Nursery at WSU-Mount Vernon NWREC.

Variety Name <i>*Hard White Italicized</i>	3 yr ave. (bu/a)	2 yr ave. (bu/a)	Yield (bu/a)	Test Wt (lbs/bu)	Protein (%)	Plant ht (in)	Days to Heading (Julian)	Lodging (%)	Stripe Rust
<i>SAS 08-44</i>		136.5	<b>148.0</b>	<b>58.7</b>	11.0	41	168	0	R
<i>Edison (ML118-2-G)</i>		139.8	<b>142.3</b>	<b>58.2</b>	11.3	42	166	0	R
SAS W4	135.0	143.0	130.1	<b>56.6</b>	11.4	41	168	0	R
<i>ML GROUP 3 SEL7-2L433L</i>			128.8	<b>59.9</b>	11.6	39	166	0	R
<i>ML118-6R2</i>			127.2	<b>60.1</b>	11.1	37	162	0	R
SAS BAL 6-4		127.2	126.8	55.9	10.4	35	168	0	R
SAS W3	129.4	130.1	124.6	<b>56.7</b>	11.1	41	168	0	R
<i>08SB0658-B</i>			121.5	<b>58.6</b>	12.2	37	162	0	MR
Lassik			119.8	<b>57.9</b>	11.5	30	164	0	R
11SB0096	93.8	119.9	119.2	<b>59.1</b>	11.5	35	162	0	S
<i>Patwin 515</i>	94.0	120.2	118.5	<b>57.8</b>	11.7	36	164	0	R
<i>ML SEL H-118-2</i>			116.9	<b>58.9</b>	10.3	40	164	0	R
<i>Dayn (WA 8123)</i>	106.8	128.2	116.3	<b>59.7</b>	12.0	39	160	0	R
SAS W7	123.3	127.0	115.6	<b>57.9</b>	10.0	43	168	0	R
SAS BAL 4-B	132.6	138.7	111.9	53.6	9.8	32	168	0	R
WA 8190			97.8	<b>57.5</b>	12.8	40	164	80	MR
<i>WA 8163</i>		92.8	96.3	<b>59.2</b>	11.7	45	162	75	MR
IDO862E			92.1	51.8	13.6	37	155	0	MS
WA 8166		91.3	89.3	<b>59.1</b>	12.7	41	162	0	MR
<i>ML077-154-H1</i>			89.1	<b>57.1</b>	11.0	38	165	0	MS
WA 8165		85.9	88.8	<b>58.7</b>	14.0	40	162	10	MR
Glee (WA 8074)	77.9	87.8	84.3	54.8	13.1	37	154	0	MR
Glee-0W			84.3	<b>56.3</b>	12.2	38	156	40	MR
<i>WA 8192</i>			84.2	52.6	12.1	38	161	0	MR
Cleda			83.9	<b>58.2</b>	11.8	42	166	0	R
Glee-G2			79.8	<b>57.6</b>	12.0	36	156	0	MR
<i>WB Hartline</i>		89.5	79.6	54.5	12.0	31	162	0	MR
<i>SAS 08-12</i>			77.1	55.7	11.2	36	168	0	R
<i>Otis</i>	64.3	78.7	76.5	<b>60.0</b>	11.1	38	162	0	MS
IDO862T			75.7	55.6	12.5	35	156	0	MS
Kelse	66.6	77.4	71.8	55.0	13.7	38	162	0	MR
WA 8191			68.5	56.0	10.7	36	163	25	MR
Scarlet	70.3	85.3	66.0	<b>56.2</b>	12.1	35	161	0	MS
<i>BR7030</i>	70.7	79.0	62.8	51.3	11.9	37	157	0	MS
<i>IDO1202S</i>			62.6	54.4	12.9	29	162	0	MS
Bullseye	63.5	76.2	58.8	53.1	12.7	38	162	0	MR
<i>IDO694C</i>		71.6	58.2	49.3	13.7	38	155	0	S
WB9879CLP			56.2	49.5	<b>14.9</b>	38	162	0	MS
<i>ML4-74-97</i>			55.7	50.6	11.6	38	156	0	S
Hollis	50.9	55.9	50.5	49.5	14.1	39	162	0	MS
UI-Winchester			49.8	55.2	12.4	30	162	0	MS
<i>COI565W</i>			48.4	54.4	11.8	37	164	25	MS
Jefferson	49.7	56.3	48.2	52.6	12.6	34	162	0	MS
LNR10-0551			44.8	49.7	11.8	32	164	0	S
LCS-Buck Pronto	53.1	56.1	43.7	51.1	12.9	39	162	0	MS
WA 8164		60.5	41.7	51.8	13.2	40	162	0	MS
SY605 CL		45.5	39.3	46.6	<b>14.9</b>	36	157	0	S
<i>AUBR31059W</i>			36.8	44.4	13.9	36	155	0	S
<i>CHBR1481W</i>			32.5	44.3	<b>15.6</b>	31	155	0	S

**WSU Variety Testing 2013 Hard Spring Wheat Nursery at WSU-Mount Vernon NWREC.**

Variety Name <i>*Hard White Italicized</i>	3 yr ave. (bu/a)	2 yr ave. (bu/a)	Yield (bu/a)	Test Wt (lbs/bu)	Protein (%)	Plant ht (in)	Days to Heading (Julian)	Lodging (%)	Stripe Rust
Tara 2002	30.6	33.8	26.2	42.5	<b>15.8</b>	39	161	0	S
		C.V.%	17.6	4.4	5.8				
		LSD (.10)	23.8	3.9	1.1				
		Average	83.4	54.7	12.3	37	162		
		Highest	148.0	60.1	15.8	45	168		
		Lowest	26.2	42.5	9.8	29	154		

- All values within the 10% LSD range of the highest are shown in bold.
- The Hard Spring Wheat Nursery was seeded on 27 March 2013.
- Seed was placed at 100#/ac seeding rate with a double disc drill set on 6-inch spacing.
- 90 lbs N, 21 P , 32 K, and 28 S were applied preplant.
- Based on an expected yields an additional 60 lbs of N/ac was applied on 06 May, 2013.
- No fungicides were applied for stripe rust control.
- Glee-G2 is Glee with 2 oz/100 lbs seed of Gaucho®insecticide seed treatment targeting wireworms. Glee is the standard seed treatment rate (0.75oz./100lbs. seed) and Glee-0W has no insecticide seed treatment.
- The nursery was harvested on 26 August 2013, averaging 83.4 bu/ac, 11 bu/ac less than the previous year.
- Test Weight averaged 54.7 lbs/bu and was lower than last year's 56.8 lbs/bu.
- Grain protein averaged 12.3 %, slightly lower than last year's 12.5% protein value.
- R= resistant; MR = moderately resistant; MS = moderately susceptible; S = susceptible

For additional information contact Steve Lyon (slyon@wsu.edu).

For additional variety testing results visit: <http://plantbreeding.wsu.edu>

The information in this document is provided for educational purposes only. References to commercial products or trade names do not imply an endorsement by Washington State University.