

WSU Variety Testing 2014 Hard Spring Wheat Nursery at WSU-Mount Vernon NWREC.

Variety	Mkt class	4 yr ave (bu/a)	3 yr ave (bu/a)	2 yr ave (bu/a)	Yield (bu/a)	T. Wt. (lbs/bu)	Protein (%)	Head date	plant ht (in)	Lodging %	Rust
Patwin 515	HWS	115.0	125.9	127.9	<b>137.2</b>	<b>57.7</b>	13.3	9-Jun	32	0	R
Dayn (WA 8123)	HWS	112.5	128.7	123.1	<b>129.9</b>	<b>56.7</b>	13.1	2-Jun	39	33	R
WA 8216	HWS				<b>123.8</b>	<b>58.4</b>	13.7	9-Jun	41	66	R
HRS 3419					<b>122.3</b>	<b>58.9</b>	13.9	12-Jun	41	42	R
UC1743	HWS				<b>121.8</b>	56.3	14.3	10-Jun	30	45	R
ML118-6R2	HWS			124.3	<b>121.4</b>	55.8	12.3	12-Jun	38	65	R
UC1741	HWS				115.3	54.4	12.4	10-Jun	32	78	R
UC1744	HWS				114.9	54.2	14.3	9-Jun	39	98	R
LCS-Star (08SB0658-B)	HWS				114.7	54.0	13.4	7-Jun	37	98	R
SAS BAL 6-4*	HRWF	108.8	102.6	120.7	114.5	55.8	12.2	19-Jun	42	93	MR
SAS 13-69*	HRS				113.3	52.2	12.6	16-Jun	33	0	R
Espresso	HRS				113.2	<b>57.9</b>	14.3	9-Jun	37	0	R
11SB0096	HRS			117.1	112.5	54.3	12.8	6-Jun	37	0	R
Edison	HWS		129.3	125.3	108.3	54.4	12.3	14-Jun	40	80	R
SAS 4B	HRF	125.7	127.5	108.5	105.1	53.0	12.7	17-Jun	38	91	MR
ML SEI7-2L433L	HWS			116.6	104.3	55.1	12.4	16-Jun	42	60	R
10SB0087-B	HRS				102.1	<b>57.1</b>	12.7	9-Jun	32	37	R
WA 8218	HRS				97.9	<b>57.1</b>	13.0	7-Jun	40	99	R
SAS W4	HRF	125.4	127.6	113.4	96.7	54.2	13.2	17-Jun	42	100	MR
WA 8217	HRS				95.6	56.4	13.5	6-Jun	39	98	R
SAS W7*	HRWF	115.2	115.0	103.3	91.1	54.6	13.0	19-Jun	44	38	R
ML 455-17 B-E-4	SWS				88.5	55.6	12.0	16-Jun	38	57	MR
SAS W3*	HRS	117.6	114.1	103.4	82.2	51.8	12.3	19-Jun	43	88	MR-MS
Glee-G2	HRS			81.0	82.1	53.0	14.1	4-Jun	34	100	MR-MS
Soft Svevo	Durum				79.0	54.2	14.5	5-Jun	32	97	MS
Svevo	Durum				76.0	52.7	<b>15.6</b>	5-Jun	32	100	MS
WA 8166 (Alum)	HRS		87.0	81.9	74.5	54.7	14.1	9-Jun	39	73	MR
WB-Hartline	HWS		83.9	76.2	72.8	50.2	<b>15.6</b>	6-Jun	38	100	MS
Glee (WA 8074)	HRS	76.5	82.6	78.3	72.3	53.5	14.6	4-Jun	35	100	MR
Solano	HRS				71.0	51.5	14.1	7-Jun	32	67	MS
WA 8165	HRS		80.1	78.7	68.6	55.4	14.9	7-Jun	47	80	MR-MS
Otis	HWS	65.0	74.9	71.9	67.3	55.8	12.6	7-Jun	44	93	MS
LCS-Atomo	HWS				67.2	46.6	<b>15.8</b>	2-Jun	31	73	R-MR
05SB84	HRS				66.9	49.0	13.2	7-Jun	27	0	MS
IDO694C	HWS		69.9	62.4	66.5	48.2	<b>16.2</b>	1-Jun	29	43	MR-MS
IDO862E	HRS			77.8	63.4	50.1	<b>15.7</b>	1-Jun	34	33	MR
Glee-0W	HRS			73.9	63.4	51.4	<b>15.9</b>	4-Jun	35	100	MR-MS
Kelse	HRS	64.8	71.4	65.6	59.4	47.5	<b>16.8</b>	9-Jun	37	70	MR
SY Steelhead	HRS				59.3	<b>56.7</b>	14.4	7-Jun	38	66	MR
Scarlet	HRS	67.5	76.6	62.6	59.2	50.3	14.1	9-Jun	40	100	MS
SAS 08-44*	HWS		109.7	102.2	56.3	52.5	13.2	19-Jun	39	33	MS
Bullseye	HRS	60.6	68.1	55.3	51.8	47.0	<b>17.0</b>	7-Jun	34	93	MS
Hollis	HRS				50.2	46.8	<b>16.8</b>	9-Jun	44	95	MS-S
BR7030	HWS	64.8	68.3	55.0	47.1	45.8	14.7	6-Jun	34	97	MS
SY605 CL	HRS		45.7	42.8	46.2	43.6		2-Jun	39	3	MS-S
IDO1202S	HWS			54.4	46.1	49.4	14.2	10-Jun	34	100	MS
WB9879CLP	HRS				45.6	46.7		9-Jun	39	37	MS
WA 8220	HRS				43.9	42.5	<b>18.5</b>	7-Jun	38	93	MS
LCS-Buck Pronto	HRS	50.8	52.0	43.8	43.8	44.6	<b>18.2</b>	2-Jun	39	98	MS
Jefferson	HRS	46.9	50.3	43.5	38.7	46.6	<b>15.7</b>	9-Jun	39	100	MS
WA 8219	HRS				29.6	39.5	0.0	9-Jun	38	91	MS
HRS 3361								9-Jun	36	0	MS-S
WB-Fusion	HRS							6-Jun	39	93	S

HL-EM-1 high lysine	HRS							10-Jun	36	32	MS
	average				82.2	52.2	13.5		37	73	
* 60 lb/ac seeding rate	CV				13.6	2.8	11.8				
	LSD@.1				18.1	2.4	2.6				

- All values within the 10% LSD range of the highest are shown in bold.
- The Hard Spring Wheat Nursery was seeded on 03 April 2014.
- Seed was placed at 100#/ac seeding rate with a double disc drill set on 6-inch spacing.
- 254 lbs N, 21 P, 21K, and 19 S were applied post-emergence based on soil tests.
- 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 27 August 2014, averaging 82.2 bu/ac, 1 bu/ac less than the previous year.
- Test Weight averaged 52.2 lbs/bu, lower than last year's 54.7 lbs/bu.
- Grain protein averaged 13.5 %, slightly higher than last year's 12.2% 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>

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