

WSU Variety Testing 2012 Hard Spring Wheat Nursery at WSU-Mount Vernon NWREC.

| Variety Name | mkt cl | Yield (bu/a) | Test wt (lbs/bu) | Protein (%) | Plant ht (in) | Head date (Julian) | Lodging (%) | Stripe Rust (infection type/%) |
|-----------------|--------|--------------|------------------|-------------|---------------|--------------------|-------------|--------------------------------|
| SAS BAL 4B | HRS | 165.4 | 53.4 | 12.2 | 36 | 194 | 0 | 0 |
| SAS W4 | HRS | 155.9 | 55.1 | 12.2 | 37 | 196 | 0 | 0 |
| Expresso | HRS | 150.4 | 58.4 | 14.0 | 37 | 185 | 0 | 2/1 |
| WA 8123 | HWS | 140.1 | 60.3 | 13.0 | 36 | 184 | 0 | 2/2 |
| SAS W7 | HRS | 138.4 | 54.9 | 12.3 | 39 | 194 | 0 | 0 |
| ML EM 118-2-G | HWS | 137.3 | 59.0 | 11.9 | 40 | 195 | 0 | 0 |
| SAS W3 | HRS | 135.6 | 55.1 | 12.5 | 41 | 197 | 0 | 0 |
| Clear White 515 | HWS | 131.1 | 58.8 | 13.8 | 38 | 187 | 0 | 2/2 |
| SAS 08-44 | HWS | 124.9 | 50.4 | 12.1 | 41 | 197 | 0 | 0 |
| Patwin 515 | HWS | 121.9 | 56.7 | 14.1 | 28 | 191 | 0 | 2/2 |
| Lassik | HRS | 120.0 | 57.6 | 12.2 | 33 | 190 | 0 | 2/2 |
| WA 8167 | HRS | 119.8 | 60.1 | 12.7 | 41 | 188 | 0 | 2/2 |
| Scarlet | HRS | 104.5 | 59.8 | 12.8 | 41 | 188 | 0 | 2/5 |
| WB Hartline | HWS | 99.3 | 58.4 | 13.2 | 40 | 189 | 0 | 2/5 |
| ML 597 2-1 | HWS | 98.8 | 59.8 | 13.3 | 36 | 198 | 0 | 0 |
| ML 373 2-1 | HWS | 98.5 | 51.6 | 11.8 | 35 | 198 | 0 | 0 |
| WA 8166 | HRS | 97.1 | 58.9 | 13.7 | 37 | 185 | 0 | 2/5 |
| BR7030 | HWS | 95.1 | 59.1 | 11.7 | 36 | 183 | 0 | 3/10 |
| Bullseye | HRS | 93.6 | 60.0 | 13.0 | 34 | 190 | 0 | 3/10 |
| WA 8168 | HWS | 91.8 | 57.4 | 12.9 | 39 | 189 | 0 | 2/5 |
| Glee (WA 8074) | HRS | 91.2 | 59.6 | 12.7 | 37 | 184 | 0 | 2/5 |
| WA 8163 | HWS | 89.3 | 61.2 | 12.4 | 37 | 187 | 2 | 2/10 |
| IDO694 | HWS | 84.9 | 59.7 | 12.6 | 28 | 184 | 0 | 3/20 |
| Kelse | HRS | 83.0 | 59.2 | 14.3 | 39 | 188 | 0 | 2/5 |
| WA 8165 | HRS | 82.9 | 60.3 | 14.5 | 46 | 187 | 5 | 2/5 |
| Otis | HWS | 80.8 | 58.7 | 12.0 | 40 | 189 | 0 | 3/5 |
| LCS-ALbany | HRS | 80.0 | 59.8 | 12.0 | 38 | 191 | 0 | 5/20 |
| V272 | HRS | 79.9 | 51.9 | 11.8 | 35 | 188 | 0 | 8/10 |
| WA 8164 | HRS | 79.2 | 58.4 | 12.5 | 34 | 185 | 0 | 3/10 |
| LCS- Powerplay | HRS | 69.8 | 58.9 | 12.2 | 35 | 184 | 0 | 5/20 |
| LCS-Buck Pronto | HRS | 68.4 | 58.8 | 12.9 | 36 | 184 | 0 | 5/20 |
| SAS BAL 6-4 | HRS | 66.4 | 43.9 | 11.4 | 31 | 200 | 0 | 0 |
| ML 597 1-1 | HWS | 65.4 | 59.8 | 13.0 | 36 | 198 | 0 | 0 |
| Jefferson | HRS | 64.1 | 60.7 | 11.9 | 40 | 188 | 0 | 5/20 |
| Hollis | HRS | 61.2 | 55.2 | 13.3 | 44 | 187 | 0 | 2/10 |
| SY605 CL | HRS | 51.7 | 54.9 | 14.9 | 36 | 184 | 0 | 8/60 |
| Tara 2002 | HRS | 41.4 | 51.4 | 13.4 | 38 | 185 | 5 | 3/20 |
| WB-Fuzion | HRS | 36.2 | 57.4 | 13.0 | 38 | 185 | 0 | 8/80 |
| Hank | HRS | 33.5 | x | x | 33 | 186 | 0 | 8/90 |
| Jedd | HRS | 13.2 | x | x | 29 | 187 | 0 | 8/100 |
| C.V.% | | 12.1 | 2.3 | 15.1 | | | | |
| LSD (.10) | | 18.5 | 2.2 | 3.1 | | | | |
| Average | | 94.4 | 56.8 | 12.5 | 37 | 189 | 0.3 | |
| Highest | | 165.4 | 61.1 | 14.9 | 44 | 200 | 5 | |
| Lowest | | 13.2 | 43.9 | 11.4 | 28 | 183 | 0 | |

All values within the 10% LSD range of the highest are shown in bold.

The Hard Spring Wheat Nursery was seeded on 09 May, 2012. Seed was placed at 100#/ac seeding rate with a double disc drill set on 6-inch spacing.

Based on spring soil tests, 130 lbs N, 65 P, 65 K, and 53 S were applied preplant.

Based on an expected yields an additional 60 lbs of N/ac was applied on 09 July, 2012

No fungicides were applied for stripe rust control.

The nursery was harvested on 18 September 2012, averaging 94.4 bu/ac.