

2017 WSU Variety Testing Hard Spring Wheat Trial, Mayview

| Variety Name | 2017 | | | | 2 Year | 3 Year | 5 Year* |
|---------------------------|-----------------|---------------------|----------------|-------------|-------------------|-------------------|-------------------|
| | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | AVERAGE (BU/A) | AVERAGE (BU/A) | AVERAGE (BU/A) |
| RELEASED VARIETIES | | | | | | | |
| LCS Iron (11SB0096) | 46 | 59.0 | 11.0 | 24 | 45 | 45 | |
| Chet | 43 | 61.4 | 13.1 | 33 | 44 | 45 | 45 |
| Hollis | 42 | 59.8 | 13.6 | 35 | 38 | 39 | 41 |
| LCS Luna (10SB0087-B) | 42 | 60.8 | 11.6 | 25 | 46 | 46 | |
| Alum | 42 | 60.9 | 12.4 | 27 | 48 | 48 | 48 |
| Glee | 42 | 60.8 | 11.7 | 26 | 41 | 43 | 47 |
| Kelse | 41 | 60.9 | 12.8 | 30 | 44 | 43 | 44 |
| SY Selway (04PN3001-2) | 41 | 59.3 | 12.4 | 28 | 40 | 43 | |
| WB9668 | 40 | 62.7 | 14.3 | 25 | 40 | 41 | |
| SY605 CL | 38 | 60.6 | 12.7 | 28 | 42 | 41 | 43 |
| LCS Buck Pronto | 38 | 59.0 | 12.6 | 27 | 40 | 40 | 42 |
| WB9518 | 38 | 61.2 | 13.6 | 25 | 40 | 42 | |
| SY Steelhead | 37 | 62.3 | 12.6 | 26 | 42 | 41 | |
| WB9229 | 36 | 61.3 | 12.3 | 22 | 48 | 47 | |
| SY Gunsight (06PN3015-08) | 36 | 59.7 | 12.4 | 25 | 44 | | |
| WB9662 | 36 | 60.8 | 13.6 | 25 | | | |
| SY Coho (04W40292R) | 35 | 57.0 | 13.4 | 23 | 41 | 42 | |
| WB9411 | 34 | 61.9 | 12.8 | 26 | | | |
| WB9350 | 32 | 60.6 | 12.2 | 21 | | | |
| WB9200 | 29 | 64.0 | 13.2 | 24 | 34 | | |
| EXPERIMENTAL LINES | | | | | | | |
| 12SB0197 | 49 | 59.1 | 10.7 | 25 | 52 | | |
| 12SB0224 | 46 | 58.7 | 10.8 | 25 | 53 | | |
| 12SB0199 | 43 | 58.2 | 11.7 | 24 | 44 | | |
| 06PN3017-09 | 42 | 59.9 | 12.0 | 27 | | | |
| WA 8279 CL+ | 42 | 60.9 | 11.7 | 25 | | | |
| WA 8280 CL+ | 42 | 60.6 | 12.1 | 27 | | | |
| WA 8281 | 39 | 61.2 | 12.1 | 26 | | | |
| WA 8282 | 38 | 60.3 | 12.2 | 26 | | | |
| WA 8259 | 37 | 61.7 | 11.8 | 28 | 37 | | |
| WA 8261 | 37 | 61.1 | 12.5 | 27 | 36 | | |
| 500-709 | 36 | 59.3 | 12.6 | 23 | | | |
| IDO1603S | 36 | 59.7 | 13.4 | 24 | | | |
| XA9861 | 36 | 62.4 | 11.4 | 24 | | | |
| WQL17SSV16882-3 (Durum) | 35 | 60.0 | 11.8 | 25 | | | |
| 501-089 | 28 | 59.2 | 13.3 | 20 | | | |
| WQL18SALZ-1 (Durum) | 28 | 60.0 | 13.5 | 24 | | | |
| C.V. % | 7 | 2 | 5 | 6 | 8 | 7 | 7 |
| LSD (0.05) | 4 | 1.3 | 0.9 | 2 | 3 | 2 | 2 |
| Average | 38 | 60.5 | 12.4 | 26 | 43 | 43 | 44 |
| Highest | 49 | 64.0 | 14.3 | 35 | 53 | 48 | 48 |
| Lowest | 28 | 57.0 | 10.7 | 20 | 34 | 39 | 41 |

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Agronomic Information

Planting Date: 5/1/2017
Harvest Date: 8/18/2017
Seeding Rate (seeds/ft²): 20
Previous Crop: Fallow
Spring soil test:
 N (lb/ac) 4-ft sample 37
 P (ppm-bicarb) 2-ft sample 74
 S (lb/ac) 2-ft sample 17
 pH (top six inches) 4.99

Herbicide:

Huskie & Tilt applied at herbicide timing

Trial Notes:

- 1.** The Mayview nursery was located about 3.5 miles south of Lower Granite Dam. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 2.** Base fertilizer (applied after soil test) was 75#N. An additional 60#N was applied to the hard trial after planting.
- 3.** Hessian fly was easy to find in this trial and likely limited yield of susceptible varieties.
- 4.** Stripe rust was not a factor.

Cooperator: R. & R. Koller

* 5-Year average from 2017, 2016, 2015, 2013, 2012