

2016 WSU Variety Testing SW Spring Wheat Trial, Horse Heaven

| Variety Name <i>Club Italicized</i> | 2016 | | | | | 2 Year | 3 Year | 5 Year |
|--|-----------------|---------------------|----------------|-------------|--------------|-------------------|-------------------|-------------------|
| | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | HEAD DATE | AVERAGE (BU/A) | AVERAGE (BU/A) | AVERAGE (BU/A) |
| RELEASED VARIETIES | | | | | | | | |
| Tekoa (WA 8189) | 32 | 62.8 | 11.4 | 23 | 149 | 24 | 23 | |
| Louise | 28 | 61.0 | 10.8 | 25 | 145 | 21 | 20 | 25 |
| <i>JD</i> | 27 | 62.8 | 11.5 | 21 | 145 | 22 | 22 | 25 |
| <i>Melba</i> | 27 | 62.4 | 11.1 | 20 | 148 | 23 | 22 | |
| Diva | 25 | 61.5 | 10.9 | 24 | 144 | 21 | 21 | 25 |
| Babe | 25 | 62.1 | 10.9 | 21 | 142 | 22 | 21 | 23 |
| SY Saltese (SY 04PN3024-2) | 25 | 61.9 | 10.7 | 22 | 139 | | | |
| Seahawk | 24 | 62.1 | 10.8 | 20 | 145 | 20 | 21 | 24 |
| WB-1035CL+ | 23 | 61.5 | 12.1 | 19 | 142 | 21 | 20 | 23 |
| UI-Stone | 21 | 62.0 | 11.2 | 22 | 140 | 19 | 19 | 23 |
| WB6341 | 21 | 61.4 | 10.5 | 18 | 142 | 20 | 20 | |
| WB6121 | 20 | 61.6 | 12.7 | 20 | 141 | 19 | | |
| Ryan (WA 8214) | 19 | 61.7 | 11.7 | 22 | 142 | 19 | 20 | |
| Whit | 19 | 61.2 | 11.1 | 22 | 142 | 18 | 19 | 23 |
| EXPERIMENTAL LINES | | | | | | | | |
| WA 8265 CL+ | 29 | 60.9 | 10.4 | 24 | 146 | | | |
| WA 8266 CL+ | 27 | 61.6 | 10.5 | 23 | 147 | | | |
| YS-602 | 24 | 61.1 | 11.8 | 21 | 144 | | | |
| 14-SW-1030 | 22 | 59.8 | 13.0 | 21 | 148 | | | |
| 14-SW-1059 | 22 | 60.7 | 12.7 | 21 | 147 | | | |
| WA 8254 | 22 | 62.2 | 10.9 | 19 | 143 | | | |
| WA 8253 | 21 | 61.1 | 10.9 | 20 | 143 | | | |
| 12-SW-068 | 21 | 60.2 | 11.7 | 21 | 143 | 20 | | |
| WA 8255 | 21 | 62.6 | 11.2 | 21 | 144 | | | |
| WA 8236 CL+ | 15 | 62.2 | 12.3 | 19 | 145 | 17 | | |
| C.V. % | 11 | 1 | 3 | 7 | 0 | 11 | 10 | 9 |
| LSD (0.05) | 4 | 0.5 | 0.5 | 2 | 1 | 2 | 2 | 1 |
| Average | 23 | 61.6 | 11.4 | 21 | 144 | 20 | 21 | 24 |
| Highest | 32 | 62.8 | 13.0 | 25 | 149 | 24 | 23 | 25 |
| Lowest | 15 | 59.8 | 10.4 | 18 | 139 | 17 | 19 | 23 |

Agronomic Information

Planting Date: 3/10/2016
 Harvest Date: 8/5/2016
 Seeding Rate (lbs/acre): 50
 Previous Crop: Fallow
 Spring soil test:
 N (lb/ac) 4-ft sample 76
 P (ppm-bicarb) 2-ft sample 20
 S (lb/ac) 2-ft sample 14
 pH (top six inches) 6.9
 Herbicide:
 Huskie & Tilt applied on 5/3

Trial Notes:

1. The Horse Heaven nursery was located about 11 miles southeast of Prosser, WA . All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Fertilizer applied at planting was 50#N.
3. Stripe rust was not an issue and the CV of 11% is typical for Horse Heaven.

Cooperator: G. Moon