

2013 WSU Variety Testing SW Spring Wheat Trial, Mayview

| Variety Name <i>*Club Italicized</i> | 5 YEAR AVERAGE (BU/A) | 3 YEAR AVERAGE (BU/A) | 2 YEAR AVERAGE (BU/A) | 2013 | | | | |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------|---------------------|----------------|-------------|--------------|
| | | | | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | HEAD DATE |
| WA 8189 | | | | 62 | 60.6 | 10.8 | 31 | 177 |
| Babe | 50 | 48 | 46 | 61 | 61.6 | 11.0 | 31 | 171 |
| WA 8162 | | | 47 | 60 | 60.8 | 11.5 | 30 | 175 |
| Louise | 52 | 55 | 52 | 60 | 60.1 | 11.1 | 36 | 174 |
| Nick | 50 | 47 | 46 | 60 | 61.0 | 10.5 | 31 | 169 |
| Whit | 52 | 52 | 49 | 59 | 59.9 | 11.6 | 31 | 169 |
| Alpowa | 48 | 48 | 48 | 59 | 61.3 | 11.0 | 32 | 176 |
| Louise-G2 | | 55 | 51 | 59 | 60.1 | 10.8 | 36 | 172 |
| Zak | 47 | 47 | 47 | 59 | 59.1 | 11.1 | 32 | 177 |
| Wakanz | 51 | 52 | 49 | 59 | 59.2 | 11.0 | 30 | 177 |
| WA 8194 | | | | 58 | 59.6 | 11.2 | 32 | 178 |
| Diva | 51 | 52 | 50 | 58 | 60.3 | 10.2 | 33 | 172 |
| WA 8196 | | | | 56 | 59.6 | 10.2 | 30 | 171 |
| <i>WA 8193</i> | | | | 56 | 60.4 | 10.6 | 30 | 175 |
| Louise-0W | | | 50 | 56 | 59.7 | 10.6 | 35 | 173 |
| WA 8195 | | | | 56 | 61.0 | 11.0 | 33 | 170 |
| WB-1035CL+ | | 43 | 45 | 55 | 60.6 | 11.9 | 29 | 167 |
| <i>ARS03174CS-14</i> | | | | 55 | 59.2 | 11.3 | 31 | 179 |
| UI-Stone (IDO599) | | | 47 | 54 | 60.3 | 10.3 | 31 | 169 |
| <i>JD</i> | 49 | 51 | 47 | 54 | 61.3 | 11.6 | 31 | 174 |
| IDO851 | | | | 54 | 60.0 | 10.3 | 30 | 173 |
| IDO854 | | | | 53 | 60.7 | 10.9 | 33 | 170 |
| IDO852 | | | | 52 | 61.0 | 10.7 | 32 | 167 |
| Alturas | 46 | 46 | 43 | 52 | 59.6 | 11.1 | 30 | 173 |
| C.V. % | 8 | 6 | 6 | 5 | 0.6 | 5.0 | 3 | 1 |
| LSD (.10) | 2 | 2 | 2 | 3 | 0.4 | 0.6 | 1 | 1 |
| Average | 49 | 50 | 48 | 57 | 60.3 | 10.9 | 32 | 173 |
| Highest | 52 | 55 | 52 | 62 | 61.6 | 11.9 | 36 | 179 |
| Lowest | 46 | 43 | 43 | 52 | 59.1 | 10.2 | 29 | 167 |

Mayview Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Mayview soft white spring wheat trial averaged 57 bushels/acre, 8 bushels/acre higher than the 5-year average. The Mayview nursery was located about 3 miles south of the Lower Granite Dam on the Snake River, or 12 miles northeast of Pomeroy, WA (R. & R. Koller, cooperators).
2. This nursery was seeded on 12 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a double-disk plot drill. A spring soil test showed 266#N/acre after fertilization of 75#N/acre prior to planting. Spring seeding conditions and establishment were good.
3. Yields ranged narrowly from 52 bu/acre to 62 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and nine of the 24 entries are in this group. 'Babe' was the highest yielding named entry in the trial and 'Louise' and 'Whit' were the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 60.3 lbs/bu with a range from 59.1 to 61.6 lbs/bu. Grain protein averaged 10.9% with a range of 10.2 to 11.9%. The average plant height was 32 inches and there was no lodging.