

2013 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone <12"

| Variety Name (Club <i>Italicized</i>) | Bickleton | Connell | Horse Heaven | Lind | Average | Bickleton | Connell | Horse Heaven | Lind | Average | Bickleton | Connell | Horse Heaven | Lind | Average |
|---|--------------|---------|--------------|------|-----------|------------------|---------|--------------|------|-------------|-------------|---------|--------------|------|-------------|
| | Yield (Bu/A) | | | | | Test Wt (Lbs/Bu) | | | | | Protein (%) | | | | |
| | | | | | | | | | | | | | | | |
| WA 8189 | 36 | 25 | 44 | 24 | 32 | 58.7 | 58.9 | 61.9 | 60.9 | 60.1 | 11.6 | 13.0 | 11.6 | 14.5 | 12.7 |
| <i>Louise</i> | 29 | 27 | 46 | 23 | 31 | 57.3 | 58.6 | 61.1 | 61.4 | 59.6 | 11.7 | 12.8 | 11.8 | 14.1 | 12.6 |
| <i>JD</i> | 29 | 27 | 44 | 22 | 31 | 60.1 | 58.4 | 63.0 | 61.8 | 60.8 | 11.7 | 12.9 | 12.1 | 13.9 | 12.6 |
| <i>Diva</i> | 27 | 25 | 44 | 26 | 30 | 59.8 | 59.4 | 61.7 | 59.5 | 60.1 | 10.6 | 13.3 | 11.6 | 14.5 | 12.5 |
| WA 8193 | 31 | 24 | 44 | 22 | 30 | 59.6 | 59.7 | 62.1 | 60.0 | 60.4 | 11.4 | 13.7 | 11.7 | 14.2 | 12.8 |
| Zak | 30 | 25 | 44 | 22 | 30 | 57.6 | 58.2 | 61.3 | 60.2 | 59.3 | 12.7 | 14.5 | 12.6 | 14.6 | 13.6 |
| Nick | 32 | 25 | 37 | 25 | 30 | 58.9 | 60.5 | 61.9 | 61.1 | 60.6 | 11.2 | 14.3 | 13.5 | 14.7 | 13.4 |
| Babe | 36 | 24 | 37 | 21 | 30 | 59.8 | 60.8 | 62.6 | 62.4 | 61.4 | 10.9 | 13.5 | 12.3 | 14.6 | 12.8 |
| ARS03174CS-14 | 29 | 24 | 42 | 23 | 29 | 59.6 | 58.5 | 62.0 | 59.5 | 59.9 | 11.8 | 14.2 | 12.7 | 14.7 | 13.4 |
| WA 8194 | 33 | 21 | 43 | 21 | 29 | 58.0 | 57.8 | 61.5 | 59.8 | 59.3 | 11.1 | 13.3 | 11.7 | 15.0 | 12.8 |
| Louise-G2 | 29 | 25 | 42 | 21 | 29 | 58.3 | 59.3 | 61.2 | 61.1 | 60.0 | 11.4 | 13.0 | 11.8 | 14.0 | 12.5 |
| WB-1035CL+ | 33 | 23 | 38 | 21 | 29 | 59.5 | 60.0 | 62.4 | 59.9 | 60.5 | 12.0 | 14.6 | 14.2 | 15.7 | 14.1 |
| Louise-0W | 26 | 26 | 40 | 23 | 29 | 58.9 | 59.0 | 61.0 | 61.4 | 60.1 | 11.1 | 13.2 | 11.8 | 13.8 | 12.5 |
| Alpowa | 30 | 24 | 38 | 23 | 29 | 58.9 | 60.1 | 61.9 | 61.7 | 60.6 | 11.7 | 13.1 | 12.0 | 14.5 | 12.9 |
| WA 8162 | 32 | 21 | 39 | 23 | 29 | 59.2 | 60.3 | 61.7 | 60.8 | 60.5 | 11.0 | 12.8 | 11.9 | 14.1 | 12.5 |
| WA 8195 | 32 | 22 | 39 | 19 | 28 | 59.8 | 61.2 | 62.8 | 61.6 | 61.3 | 11.4 | 13.7 | 12.7 | 14.0 | 12.9 |
| Wakanz | 30 | 20 | 39 | 21 | 28 | 56.9 | 56.8 | 60.0 | 60.2 | 58.5 | 11.9 | 13.4 | 12.4 | 13.8 | 12.9 |
| IDO851 | 23 | 24 | 41 | 24 | 28 | 58.6 | 60.4 | 62.1 | 60.7 | 60.5 | 10.8 | 12.3 | 11.2 | 12.8 | 11.8 |
| UI-Stone (IDO599) | 21 | 23 | 42 | 24 | 27 | 59.9 | 61.3 | 62.8 | 60.3 | 61.1 | 10.6 | 13.1 | 11.4 | 13.6 | 12.2 |
| Alturas | 22 | 23 | 41 | 24 | 27 | 57.8 | 59.6 | 61.7 | 61.2 | 60.1 | 11.1 | 12.9 | 11.5 | 13.3 | 12.2 |
| Whit | 30 | 18 | 40 | 21 | 27 | 59.0 | 60.1 | 61.9 | 60.2 | 60.3 | 11.5 | 13.8 | 12.3 | 13.9 | 12.9 |
| IDO854 | 28 | 23 | 36 | 21 | 27 | 59.1 | 60.3 | 62.1 | 59.5 | 60.3 | 11.5 | 13.4 | 12.5 | 14.7 | 13.0 |
| IDO852 | 26 | 22 | 39 | 21 | 27 | 59.5 | 61.6 | 63.3 | 60.7 | 61.3 | 10.7 | 13.1 | 11.8 | 13.8 | 12.4 |
| WA 8196 | 33 | 18 | 37 | 19 | 27 | 57.7 | 59.9 | 61.7 | 60.7 | 60.0 | 11.7 | 13.5 | 12.4 | 14.0 | 12.9 |
| C.V. % | 11 | 7 | 6 | 8 | 8 | 1.6 | 0.9 | 0.5 | 1.4 | 1.2 | 4.8 | 2.7 | 2.5 | 2.0 | 3.0 |
| LSD (0.10) | 3 | 2 | 3 | 2 | 1 | 1.0 | 0.6 | 0.3 | 0.9 | 0.4 | 0.6 | 0.4 | 0.3 | 0.3 | 0.2 |
| Average | 29 | 23 | 41 | 22 | 29 | 58.9 | 59.6 | 61.9 | 60.7 | 60.3 | 11.4 | 13.4 | 12.1 | 14.2 | 12.8 |
| Highest | 36 | 27 | 46 | 26 | 32 | 60.1 | 61.6 | 63.3 | 62.4 | 61.4 | 12.7 | 14.6 | 14.2 | 15.7 | 14.1 |
| Lowest | 21 | 18 | 36 | 19 | 27 | 56.9 | 56.8 | 60.0 | 59.5 | 58.5 | 10.6 | 12.3 | 11.2 | 12.8 | 11.8 |

2013 WSU Soft White Spring Wheat Trial Summary Precipitation Zone <12" – Preliminary Data

1. Soft white spring wheat grain yield across four locations and 24 entries in the <12" precipitation zone averaged 29 bushels/acre and is 1 bushels/acre higher than the 2012 average of 28 bushels/acre. The CV for the average data is 8, similar to the 2011 CV.
2. Yields among entries averaged across locations ranged narrowly from 27 to 32 bushels/acre. 'Louise' and 'JD' were the highest yielding named entries averaged across locations. Average yield values within the 10% LSD range (1 bushels/acre) of the highest yield are shown in bold and this included 3 of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 60.3 lbs/bu across locations and entries and was higher than last year's 59.9 lbs/bu average. Grain protein averaged 12.8% and was lower than last year's 13.5% protein value.