

2018 WSU Variety Testing Soft Spring Wheat Trial, Plaza

| Variety Name <i>Club Italicized</i> | 2018 | | | | | 2 Year | 3 Year | 5 Year |
|--|-----------------|---------------------|----------------|------------------|--------------|-------------------|-------------------|-------------------|
| | Yield (Bu/A) | Test WT (Lbs/Bu) | Protein (%) | Plant HT (In) | Head Date | Average (Bu/A) | Average (Bu/A) | Average (Bu/A) |
| Released Varieties | | | | | | | | |
| Tekoa | 85 | 62.7 | 9.4 | 37 | 177 | 69 | 78 | -- |
| Louise | 83 | 61.6 | 9.8 | 39 | 176 | 70 | 80 | -- |
| Ryan | 79 | 61.0 | 9.6 | 36 | 173 | 68 | 77 | -- |
| WB6341 | 79 | 61.7 | 8.9 | 33 | 174 | 68 | 75 | -- |
| <i>Melba</i> | 78 | 62.6 | 9.3 | 32 | 177 | 68 | 79 | -- |
| Diva | 77 | 61.9 | 9.8 | 40 | 176 | 66 | 79 | -- |
| Whit | 77 | 61.5 | 10.1 | 37 | 173 | 66 | 74 | -- |
| SY Saltese | 75 | 62.5 | 9.6 | 35 | 173 | 65 | 76 | -- |
| Seahawk | 74 | 61.9 | 10.2 | 32 | 178 | 67 | 78 | -- |
| <i>JD</i> | 73 | 63.1 | 10.0 | 37 | 177 | 66 | 75 | -- |
| Babe | 69 | 61.7 | 9.6 | 36 | 176 | 63 | 67 | -- |
| WB6121 | 65 | 62.4 | 11.3 | 31 | 172 | 60 | 71 | -- |
| WB-1035CL+ | 60 | 62.0 | 11.4 | 33 | 172 | 55 | 63 | -- |
| Experimental Lines | | | | | | | | |
| WA 8298 CL+ | 87 | 62.5 | 10.3 | 38 | 175 | | | -- |
| WA 8277 | 85 | 64.1 | 10.3 | 39 | 174 | 71 | | -- |
| 08PN2001-07 | 80 | 60.3 | 9.5 | 36 | 177 | | | -- |
| WA 8266 CL+ | 79 | 61.5 | 9.4 | 35 | 177 | 70 | 76 | -- |
| 14-FAC-2043 | 79 | 60.4 | 9.9 | 34 | 177 | 70 | | -- |
| WA 8297 CL+ | 78 | 61.8 | 9.6 | 32 | 175 | | | -- |
| WA 8296 CL+ | 75 | 61.6 | 10.4 | 34 | 176 | | | -- |
| <i>WA 8295 CL+</i> | 75 | 62.9 | 10.7 | 36 | 175 | | | -- |
| 14-SW-1059 | 72 | 59.7 | 10.6 | 29 | 178 | 60 | 70 | -- |
| 11PN2532-507 | 69 | 61.5 | 10.9 | 37 | 175 | | | -- |
| IDO1403S | 56 | 61.4 | 10.8 | 31 | 178 | 50 | | -- |
| C.V. % | 6 | 0.7 | 3.2 | 4 | 0 | 7 | 6 | -- |
| LSD (0.05) | 6 | 0.6 | 0.4 | 2 | 1 | 4 | 4 | -- |
| Average | 75 | 61.9 | 10.1 | 35 | 175 | 65 | 75 | -- |
| Highest | 87 | 64.1 | 11.4 | 40 | 178 | 71 | 80 | -- |
| Lowest | 56 | 59.7 | 8.9 | 29 | 172 | 50 | 63 | -- |

Agronomic Information

| | |
|--|--------------|
| Planting Date: | 4/27/2018 |
| Harvest Date: | 9/2/2018 |
| Seeding Rate (seeds/ft ²): | 20 |
| Previous Crop: | Winter Wheat |
| Spring soil test: | |
| N (lb/ac) 4-ft sample | 160 |
| P (ppm-bicarb) 2-ft sample | 52 |
| S (lb/ac) 2-ft sample | 30 |
| pH (top 6 inches) | 5.2 |

Trial Notes:

1. The Plaza nursery was located about 8 miles east of Rosalia, WA.
2. The nursery was fertilized prior to seeding with 120N 10P 10S
3. Overall yield was 36% greater than 2017, and grain test weight was 0.2 lb/bu less than last year

Cooperator: G. Ward

Herbicide:

Grower applied