

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Pullman

| Variety Name <i>Hard White Italicized</i> | 2022 | | | | | 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 | | | | | | | | |
| WB9303 | 93 | 62.9 | 14.2 | 36 | -- | | | |
| Hale (WA8315) | 90 | 61.4 | 12.9 | 40 | -- | | | |
| WB9668 | 88 | 61.1 | 14.7 | 33 | -- | | | |
| AP Renegade | 83 | 61.3 | 13.8 | 34 | -- | | | |
| CP3099A | 81 | 58.6 | 12.5 | 42 | -- | | | |
| WB9623 | 80 | 57.8 | 14.2 | 38 | -- | | | |
| Glee | 78 | 58.9 | 13.2 | 38 | -- | | | |
| Net CL+ | 75 | 61.1 | 13.9 | 38 | -- | | | |
| Jefferson HF | 73 | 59.4 | 13.3 | 40 | -- | | | |
| Chet | 72 | 61.4 | 14.0 | 48 | -- | | | |
| Alum | 70 | 58.4 | 14.0 | 39 | -- | | | |
| CP3055 | 69 | 54.5 | 14.6 | 42 | -- | | | |
| Kelse | 68 | 58.1 | 15.0 | 38 | -- | | | |
| Jefferson | 67 | 58.8 | 13.4 | 38 | -- | | | |
| CP3530 | 63 | 59.6 | 14.1 | 40 | -- | | | |
| Experimental Lines | | | | | | | | |
| WA8358 CL+ | 87 | 61.8 | 13.9 | 39 | -- | | | |
| WA8355 | 83 | 61.1 | 13.1 | 38 | -- | | | |
| WA8387 CL+ | 81 | 61.6 | 12.9 | 36 | -- | | | |
| WA8330 | 80 | 59.7 | 14.0 | 36 | -- | | | |
| WA8388 CL+ | 79 | 60.0 | 13.4 | 36 | -- | | | |
| WA8389 CL+ | 77 | 60.5 | 14.1 | 38 | -- | | | |
| WA8356 | 76 | 58.6 | 14.2 | 37 | -- | | | |
| WA8357 | 73 | 62.0 | 14.3 | 46 | -- | | | |
| CPX39120 | 72 | 56.3 | 14.2 | 42 | -- | | | |
| C.V. | 6 | 1.9 | 4.4 | 4 | -- | | | |
| LSD | 10 | 2.6 | 1.4 | 3 | -- | | | |
| Average | 77 | 59.8 | 13.8 | 39 | -- | | | |
| Highest | 93 | 62.9 | 15.0 | 48 | -- | | | |
| Lowest | 63 | 54.5 | 12.5 | 33 | -- | | | |

Agronomic Information

| | |
|---|---------------|
| Planting Date: | 4/25/2022 |
| Harvest Date: | 8/27/2022 |
| Seeding Rate (seeds/ft ²): | 22.5 |
| Previous Crop: | Spring Barley |
| Spring soil test: | |
| N (lb/ac) 4-ft sample | 190 |
| P ₂ O ₅ (lb/ac) 1-ft sample | 162 |
| S (lb/ac) 2-ft sample | 33 |
| pH (top 6 inches) | 5.5 |

Herbicides: Huskie, Dagger, Axial Bold, and Tilt were applied on June 3.
Tilt was applied on July 8.

Trial Notes:

1. The nursery was located approximately 2.5 miles southeast of Pullman, WA.
2. The nursery was fertilized prior to seeding at a rate of 105N, 15P, 20S, 20Cl by the cooperator. An additional 58N was applied after spring soil sampling.
3. Overall yield was 108% greater and test weight was 0.2 lb/bu less than in 2021.

Cooperator: Frank Ankerson