

2020 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone <12"

| Variety Name (Club Italicized) | Bickleton | Connell | Harrington | Horse Heaven | Lind | Average | Bickleton ¹ | Connell | Harrington | Horse Heaven ¹ | Lind | Average | Bickleton | Connell | Harrington | Horse Heaven | Lind ¹ | Average |
|-----------------------------------|--------------|---------|------------|--------------|------|---------|------------------------|---------|------------|---------------------------|------|---------|-------------|---------|------------|--------------|-------------------|---------|
| | Yield (Bu/A) | | | | | | Test Wt (Lbs/Bu) | | | | | | Protein (%) | | | | | |
| Released Varieties | | | | | | | | | | | | | | | | | | |
| <i>ARS-Crescent</i> | 27 | 69 | 67 | 40 | 70 | 56 | -- | 60.4 | 65.2 | -- | 63.1 | 62.9 | 8.3 | 10.0 | 10.4 | 10.6 | -- | 9.8 |
| Xerpha | 29 | 77 | 67 | 43 | 66 | 55 | -- | 60.9 | 63.2 | -- | 61.8 | 62.0 | 8.2 | 10.4 | 10.3 | 11.6 | -- | 10.1 |
| LCS Hulk | 30 | 76 | 65 | 47 | 64 | 55 | -- | 61.9 | 65.0 | -- | 63.5 | 63.5 | 8.6 | 11.2 | 11.7 | 11.5 | -- | 10.8 |
| UI Sparrow | 30 | 60 | 72 | 39 | 66 | 54 | -- | 59.8 | 62.8 | -- | 62.4 | 61.7 | 7.5 | 10.5 | 10.5 | 10.9 | -- | 9.8 |
| Norwest Duet | 32 | 67 | 68 | 37 | 59 | 53 | -- | 60.4 | 62.5 | -- | 61.6 | 61.5 | 8.0 | 10.7 | 10.3 | 11.8 | -- | 10.2 |
| LCS Sonic | 30 | 65 | 70 | 41 | 52 | 52 | -- | 60.6 | 65.0 | -- | 62.3 | 62.6 | 8.5 | 11.2 | 11.6 | 12.2 | -- | 10.9 |
| Devote | 25 | 64 | 60 | 45 | 61 | 51 | -- | 60.7 | 65.3 | -- | 62.8 | 62.9 | 8.4 | 11.4 | 11.0 | 11.7 | -- | 10.6 |
| Mela CL+ | 30 | 65 | 59 | 44 | 60 | 51 | -- | 60.2 | 64.8 | -- | 61.8 | 62.3 | 8.0 | 11.0 | 10.6 | 11.3 | -- | 10.2 |
| SY Banks | 29 | 69 | 49 | 45 | 61 | 50 | -- | 59.4 | 63.9 | -- | 62.1 | 61.8 | 8.4 | 11.5 | 11.8 | 11.7 | -- | 10.8 |
| Puma | 26 | 59 | 60 | 42 | 62 | 50 | -- | 60.5 | 64.7 | -- | 60.8 | 62.0 | 9.8 | 11.1 | 12.1 | 12.3 | -- | 11.3 |
| Dyna-Gro Impact | 28 | 62 | 61 | 33 | 65 | 50 | -- | 60.2 | 64.5 | -- | 63.1 | 62.6 | 8.4 | 11.1 | 11.7 | 13.8 | -- | 11.2 |
| SY Command | 32 | 62 | 60 | 40 | 55 | 50 | -- | 59.3 | 62.7 | -- | 63.0 | 61.7 | 8.4 | 9.9 | 10.3 | 11.8 | -- | 10.1 |
| Curiosity CL+ | 29 | 58 | 60 | 39 | 60 | 50 | -- | 60.2 | 64.8 | -- | 62.8 | 62.6 | 8.2 | 11.6 | 10.8 | 9.6 | -- | 10.0 |
| Jasper | 28 | 60 | 61 | 38 | 58 | 50 | -- | 59.9 | 62.3 | -- | 62.3 | 61.5 | 8.6 | 11.4 | 11.8 | 12.1 | -- | 11.0 |
| LCS Shine | 29 | 62 | 45 | 43 | 70 | 50 | -- | 60.4 | 64.2 | -- | 62.5 | 62.4 | 7.9 | 9.8 | 12.4 | 10.1 | -- | 10.0 |
| M-press | 29 | 68 | 57 | 38 | 56 | 50 | -- | 60.7 | 64.6 | -- | 62.1 | 62.4 | 8.1 | 10.4 | 11.3 | 12.1 | -- | 10.5 |
| AP Dynamic | 27 | 69 | 60 | 39 | 57 | 50 | -- | 59.0 | 63.8 | -- | 62.3 | 61.7 | 8.4 | 11.1 | 11.5 | 9.8 | -- | 10.2 |
| <i>Pritchett</i> | 29 | 62 | 54 | 39 | 59 | 49 | -- | 60.1 | 64.2 | -- | 61.4 | 61.9 | 8.1 | 10.6 | 11.3 | 11.2 | -- | 10.3 |
| WB1783 | 29 | 52 | 61 | 35 | 62 | 49 | -- | 59.6 | 65.1 | -- | 64.3 | 63.0 | 8.1 | 12.5 | 11.9 | 13.6 | -- | 11.5 |
| WB1532 | 27 | 59 | 49 | 42 | 63 | 48 | -- | 60.1 | 64.2 | -- | 62.8 | 62.4 | 8.7 | 11.8 | 12.3 | 12.1 | -- | 11.2 |
| Purl | 27 | 65 | 51 | 40 | 60 | 48 | -- | 60.8 | 64.3 | -- | 62.7 | 62.6 | 8.6 | 11.7 | 11.5 | 13.9 | -- | 11.4 |
| UI Castle CL+ | 27 | 60 | 64 | 31 | 57 | 48 | -- | 60.3 | 64.3 | -- | 62.8 | 62.4 | 9.4 | 12.0 | 11.2 | 11.6 | -- | 11.1 |
| <i>Bruehl</i> | 25 | 64 | 54 | 39 | 58 | 47 | -- | 58.9 | 62.4 | -- | 61.9 | 61.1 | 8.5 | 10.7 | 11.3 | 12.3 | -- | 10.7 |
| YS-215 | 29 | 57 | 56 | 40 | 52 | 47 | -- | 59.5 | 65.6 | -- | 65.1 | 63.4 | 8.1 | 10.7 | 10.7 | 10.7 | -- | 10.1 |
| Norwest Tandem | 31 | 64 | 54 | 38 | 53 | 47 | -- | 60.1 | 63.6 | -- | 62.5 | 62.0 | 8.1 | 11.5 | 11.8 | 11.9 | -- | 10.8 |
| Otto | 27 | 57 | 49 | 39 | 57 | 46 | -- | 59.2 | 63.6 | -- | 62.3 | 61.7 | 8.6 | 11.5 | 11.1 | 12.8 | -- | 11.0 |
| <i>ARS-Castella</i> | 25 | 56 | 51 | 38 | 60 | 46 | -- | 57.6 | 63.8 | -- | 62.8 | 61.4 | 8.5 | 10.4 | 11.1 | 12.0 | -- | 10.5 |
| Resilience CL+ | 28 | 46 | 59 | 31 | 63 | 46 | -- | 58.0 | 64.7 | -- | 62.7 | 61.8 | 8.4 | 11.4 | 11.4 | 11.3 | -- | 10.6 |
| Appleby CL+ (ORI2161250 CL+) | 27 | 59 | 52 | 38 | 50 | 45 | -- | 58.8 | 64.4 | -- | 63.2 | 62.1 | 8.5 | 12.0 | 11.9 | 12.9 | -- | 11.4 |
| M-idas | 24 | 70 | 42 | 37 | 54 | 45 | -- | 60.0 | 63.4 | -- | 62.2 | 61.9 | 8.0 | 11.0 | 12.5 | 12.1 | -- | 10.9 |
| UI Magic CL+ | 28 | 57 | 57 | 30 | 49 | 44 | -- | 60.3 | 64.6 | -- | 62.8 | 62.6 | 8.3 | 12.3 | 11.5 | -- | -- | |
| Stingray CL+ | 28 | 50 | 57 | 31 | 55 | 44 | -- | 56.6 | 63.0 | -- | 62.7 | 60.7 | 9.3 | 11.8 | 12.3 | 11.5 | -- | 11.2 |
| YS-201 | 28 | 63 | 52 | 32 | 48 | 43 | -- | 58.8 | 63.5 | -- | 61.2 | 61.1 | 8.2 | 11.7 | 12.2 | -- | -- | |
| VI Frost | 30 | 53 | 52 | 31 | 49 | 43 | -- | 58.4 | 63.0 | -- | 63.3 | 61.6 | 8.2 | 12.4 | 11.7 | 14.2 | -- | 11.6 |
| WB1529 | 30 | 53 | 32 | 33 | 51 | 41 | -- | 61.4 | 64.2 | -- | 62.8 | 62.8 | 8.5 | 11.5 | 14.2 | -- | -- | |
| WB1604 | 25 | 49 | 14 | 27 | 46 | 32 | -- | 58.5 | -- | -- | 63.9 | -- | 9.3 | 12.6 | 16.3 | -- | -- | |
| Experimental Lines | | | | | | | | | | | | | | | | | | |
| WA 8308 | 30 | 67 | 66 | 47 | 67 | 56 | -- | 59.7 | 62.4 | -- | 62.0 | 61.4 | 8.2 | 10.4 | 10.8 | 10.9 | -- | 10.1 |
| WA 8305 CL+ | 33 | 59 | 67 | 40 | 64 | 53 | -- | 60.5 | 64.2 | -- | 61.7 | 62.2 | 7.9 | 10.8 | 10.4 | 11.4 | -- | 10.1 |
| LWWC18-5475 CL+ | 28 | 67 | 63 | 39 | 66 | 52 | -- | 60.3 | 64.3 | -- | 63.6 | 62.7 | 8.0 | 12.5 | 12.1 | 12.3 | -- | 11.2 |
| LWW17-5815 | 27 | 57 | 70 | 42 | 60 | 51 | -- | 60.6 | 65.7 | -- | 62.1 | 62.8 | 8.5 | 11.4 | 11.7 | 11.5 | -- | 10.8 |
| WA 8316 | 26 | 64 | 67 | 42 | 61 | 51 | -- | 59.9 | 64.0 | -- | 62.1 | 62.0 | 8.4 | 10.5 | 10.7 | 11.2 | -- | 10.2 |
| LWWC18-5477 CL+ | 29 | 64 | 65 | 36 | 57 | 51 | -- | 59.1 | 62.9 | -- | 61.9 | 61.3 | 8.8 | 11.3 | 11.1 | 11.3 | -- | 10.6 |
| UIL 17-6451 CL+ | 27 | 64 | 66 | 41 | 61 | 51 | -- | 60.4 | 65.6 | -- | 62.5 | 62.8 | 9.1 | 12.4 | 11.4 | 13.2 | -- | 11.6 |
| OR2130755 | 28 | 57 | 66 | 37 | 60 | 50 | -- | 58.5 | 64.4 | -- | 62.6 | 61.9 | 8.1 | 11.7 | 11.9 | 11.3 | -- | 10.7 |
| X61-1 | 29 | 60 | 61 | 43 | 56 | 50 | -- | 60.4 | 63.1 | -- | 62.6 | 62.1 | 8.8 | 11.9 | 11.2 | 13.4 | -- | 11.3 |
| WA 8290 | 30 | 62 | 65 | 39 | 56 | 50 | -- | 58.5 | 62.6 | -- | 61.1 | 60.7 | 8.7 | 11.3 | 10.5 | -- | -- | |
| WA 8317 | 26 | 61 | 60 | 38 | 58 | 49 | -- | 59.2 | 64.6 | -- | 61.8 | 61.9 | 9.6 | 11.1 | 10.6 | 11.9 | -- | 10.8 |
| ARSX12015-68CBW | 24 | 61 | 57 | 36 | 60 | 48 | -- | 59.0 | 62.6 | -- | 62.2 | 61.3 | 10.1 | 10.4 | 11.4 | 10.0 | -- | 10.5 |
| LWW16-71088 | 29 | 56 | 58 | 43 | 58 | 47 | -- | 56.9 | 62.4 | -- | 61.5 | 60.3 | 9.2 | 10.9 | 10.7 | 10.9 | -- | 10.4 |
| 11PN042#02 | 31 | 57 | 54 | 46 | 44 | 47 | -- | 58.2 | 62.6 | -- | 60.6 | 60.4 | 8.1 | 10.8 | 11.1 | 11.4 | -- | 10.4 |
| 11PN039#20 | 31 | 64 | 43 | 39 | 52 | 46 | -- | 61.9 | 65.9 | -- | 63.6 | 63.8 | 7.7 | 10.7 | 13.3 | 11.5 | -- | 10.8 |

2020 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone <12"

| Variety Name <i>(Club Italicized)</i> | Bickleton | Connell | Harrington | Horse Heaven | Lind | Average | Bickleton ¹ | Connell | Harrington | Horse Heaven ¹ | Lind | Average | Bickleton | Connell | Harrington | Horse Heaven | Lind ¹ | Average |
|--|--------------|---------|------------|--------------|------|---------|------------------------|---------|------------|---------------------------|------|---------|-------------|---------|------------|--------------|-------------------|-------------|
| | Yield (Bu/A) | | | | | | Test Wt (Lbs/Bu) | | | | | | Protein (%) | | | | | |
| UIL 17-6834 CL+ | 29 | 50 | 61 | 31 | 43 | 44 | -- | 57.7 | 63.4 | -- | 62.2 | 61.1 | 8.7 | 13.0 | 12.9 | 14.8 | -- | 12.3 |
| <i>OR5170022</i> | 19 | 60 | 41 | 29 | 60 | 42 | -- | 58.4 | 64.7 | -- | 62.6 | 61.9 | 9.9 | 11.2 | 13.3 | 12.2 | -- | 11.6 |
| C.V. % | 6 | 12 | 11 | 10 | 11 | 12 | -- | 2.4 | 1.5 | -- | 2.0 | 2.0 | 7.2 | 5.9 | 5.7 | 7.1 | -- | 6.5 |
| LSD (0.05) | 3 | 14 | 15 | 8 | 12 | 4 | -- | 2.8 | 2.2 | -- | 2.5 | 1.2 | 1.2 | 1.3 | 1.3 | 1.7 | -- | 0.6 |
| Average | 28 | 61 | 57 | 38 | 58 | 49 | -- | 59.6 | 64.0 | -- | 62.5 | 62.0 | 8.5 | 11.3 | 11.6 | 11.9 | -- | 10.7 |
| Highest | 33 | 77 | 72 | 47 | 70 | 56 | -- | 61.9 | 65.9 | -- | 65.1 | 63.8 | 10.1 | 13.0 | 16.3 | 14.8 | -- | 12.3 |
| Lowest | 19 | 46 | 14 | 27 | 43 | 32 | -- | 56.6 | 62.3 | -- | 60.6 | 60.3 | 7.5 | 9.8 | 10.3 | 9.6 | -- | 9.8 |

¹ - Data not shown due to high variability.