

2019 WSU Variety Testing Soft Winter Wheat Trial, St. Andrews

| Variety Name <i>Club Italicized</i> | 2019 | | | | | 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) |
| <i>Released Varieties</i> | | | | | | | | |
| Otto | 54 | 60.0 | 10.9 | 31 | -- | 60 | 57 | -- |
| Eltan | 52 | 61.1 | 10.5 | 30 | -- | 58 | 57 | -- |
| Norwest Tandem | 51 | 59.5 | 10.6 | 26 | -- | 60 | 59 | -- |
| Curiosity CL+ | 51 | 59.7 | 10.3 | 31 | -- | 59 | 56 | -- |
| UI Sparrow | 50 | 58.7 | 10.8 | 32 | -- | 61 | 55 | -- |
| Xerpha | 50 | 57.9 | 10.8 | 32 | -- | 62 | 58 | -- |
| LCS Sonic | 50 | 59.0 | 10.9 | 31 | -- | 58 | 54 | -- |
| <i>Pritchett</i> | 49 | 58.3 | 10.2 | 27 | -- | 60 | 59 | -- |
| SY Command | 48 | 57.0 | 10.3 | 28 | -- | 53 | 47 | -- |
| Devote (WA 8271) | 48 | 59.9 | 10.3 | 28 | -- | 57 | 55 | -- |
| <i>Bruehl</i> | 48 | 55.8 | 10.6 | 28 | -- | 58 | 57 | -- |
| Norwest Duet | 48 | 58.9 | 10.2 | 31 | -- | 60 | 55 | -- |
| M-Press | 47 | 58.2 | 10.6 | 29 | -- | 60 | | -- |
| Mela CL+ | 47 | 57.0 | 10.6 | 31 | -- | 56 | 58 | -- |
| LCS Hulk | 47 | 59.9 | 11.2 | 27 | -- | 54 | 52 | -- |
| Jasper | 47 | 56.5 | 11.2 | 28 | -- | 57 | 57 | -- |
| SY Banks | 46 | 56.3 | 11.0 | 31 | -- | 55 | 55 | -- |
| ORCF-102 | 46 | 59.8 | 11.2 | 30 | -- | 50 | 47 | -- |
| LCS Shine (LWW14-72916) | 46 | 59.3 | 9.7 | 24 | -- | 56 | | -- |
| Puma | 45 | 59.6 | 11.1 | 32 | -- | 49 | 45 | -- |
| WB1529 | 45 | 60.9 | 10.9 | 27 | -- | 52 | 52 | -- |
| <i>ARS-Crescent</i> | 45 | 56.9 | 10.7 | 27 | -- | 55 | 49 | -- |
| <i>ARS-Castella (ARS20060123-31C)</i> | 45 | 57.4 | 10.2 | 27 | -- | 54 | 54 | -- |
| Dyna-Gro Impact | 45 | 58.6 | 11.0 | 27 | -- | 54 | | -- |
| UI Magic CL+ | 44 | 60.9 | 11.1 | 27 | -- | 52 | 51 | -- |
| AICO101 | 43 | 56.8 | 11.8 | 32 | -- | | | -- |
| OR2x2 CL+ (ORI2150031 CL+) | 43 | 58.6 | 11.8 | 30 | -- | 54 | 48 | -- |
| Nixon (OR2121086) | 43 | 56.1 | 11.3 | 29 | -- | 50 | 50 | -- |
| SY Candor (09PN008#72) | 42 | 59.2 | 11.8 | 29 | -- | 53 | | -- |
| WB1532 | 42 | 56.9 | 12.1 | 26 | -- | | | -- |
| WB1604 | 42 | 59.8 | 12.1 | 27 | -- | 53 | 48 | -- |
| WB1783 | 41 | 59.3 | 11.1 | 29 | -- | 55 | 53 | -- |
| Appleby CL+ (ORI2161250 CL+) | 41 | 60.0 | 11.9 | 30 | -- | | | -- |
| UI Castle CL+ | 41 | 59.2 | 11.0 | 29 | -- | 47 | 46 | -- |
| WB1376CLP | 40 | 60.9 | 12.8 | 30 | -- | 49 | 45 | -- |
| <i>Experimental Lines</i> | | | | | | | | |
| WA 8305 CL+ | 52 | 58.9 | 10.3 | 31 | -- | | | -- |
| IDO1808 | 51 | 59.1 | 10.8 | 28 | -- | | | -- |
| LWW16-71088 | 49 | 58.1 | 10.6 | 27 | -- | | | -- |
| UIL 17-6834 CL+ | 48 | 60.0 | 11.9 | 30 | -- | | | -- |
| UIL 17-6451 CL+ | 48 | 60.8 | 11.5 | 30 | -- | | | -- |
| WA 8290 | 47 | 58.2 | 10.3 | 31 | -- | 56 | | -- |

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|--|-----------------|---------------------|----------------|------------------|--------------|-------------------|-------------------|-------------------|
| | Yield (Bu/A) | Test WT (Lbs/Bu) | Protein (%) | Plant HT (In) | Head Date | Average (Bu/A) | Average (Bu/A) | Average (Bu/A) |
| 08PN030-3 | 47 | 56.3 | 10.8 | 29 | -- | | | -- |
| WA 8308 | 46 | 57.4 | 11.1 | 32 | -- | | | -- |
| UIL 09-15702A | 45 | 59.3 | 11.2 | 28 | -- | 57 | 58 | -- |
| 06PN212-25 | 44 | 57.2 | 11.4 | 26 | -- | | | -- |
| <i>ARSDH08X117-83C</i> | 43 | 60.3 | 10.2 | 24 | -- | 52 | | -- |
| IDO1810 | 42 | 57.9 | 10.8 | 28 | -- | | | -- |
| <i>ARS09X492-6CBW</i> | 42 | 57.1 | 12.2 | 28 | -- | | | -- |
| C.V. % | 7 | 1.9 | 3.7 | 5 | -- | 9 | 9 | -- |
| LSD (0.05) | 5 | 1.9 | 0.7 | 2 | -- | 5 | 4 | -- |
| Average | 46 | 58.6 | 11.0 | 29 | -- | 55 | 53 | -- |
| Highest | 54 | 61.1 | 12.8 | 32 | -- | 62 | 59 | -- |
| Lowest | 40 | 55.8 | 9.7 | 24 | -- | 47 | 45 | -- |

Agronomic Information

Planting Date:

Harvest Date:

Seeding Rate (seeds/ft²):

Previous Crop:

Spring soil test:

N (lb/ac) 4-ft sample

P (ppm-bicarb) 2-ft sample

S (lb/ac) 2-ft sample

pH (top 6 inches)

Herbicide:

Trial Notes:

3. Overall yield was 28% less than 2018, and grain test weight was 1.6 lb/bu less than last year.

Cooperator L. Tanneberg