



2020 WSU/OSU Variety Testing Soft Winter Wheat Trial, Walla Walla

| Variety Name <i>Club Italicized</i> | 2020 | | | | | 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> | | | | | | | | |
| LCS Shark | 151 | 62.1 | 11.1 | 35 | 146 | 123 | 124 | |
| M-press | 146 | 62.2 | 11.8 | 32 | 146 | 131 | 129 | |
| SY Dayton | 145 | 62.2 | 11.3 | 33 | 145 | 131 | 130 | 133 |
| UI Castle CL+ | 143 | 63.3 | 12.2 | 32 | 147 | | | |
| LCS Shine | 143 | 62.2 | 10.4 | 34 | 141 | 120 | 122 | |
| LCS Blackjack | 142 | 60.3 | 11.9 | 34 | 146 | 126 | 133 | |
| Purl | 139 | 63.0 | 12.1 | 32 | 145 | 126 | 128 | 130 |
| Norwest Duet | 138 | 62.7 | 10.6 | 33 | 145 | 122 | 123 | 128 |
| SY Command | 138 | 60.7 | 10.3 | 35 | 144 | 122 | 125 | |
| M-idas | 137 | 61.5 | 10.2 | 35 | 143 | | | |
| Mary | 136 | 63.1 | 12.7 | 33 | 145 | 121 | 121 | 129 |
| LCS Ghost | 134 | 60.1 | 9.8 | 35 | 140 | 122 | 126 | |
| LCS Artdeco | 134 | 61.8 | 10.2 | 34 | 146 | 118 | 124 | 137 |
| SY Raptor | 134 | 61.3 | 10.4 | 37 | 142 | 124 | 129 | |
| WB1532 | 134 | 63.2 | 11.5 | 35 | 146 | 117 | 117 | |
| <i>ARS-Castella</i> | 134 | 62.2 | 11.8 | 33 | 144 | 125 | 129 | 132 |
| UI Sparrow | 133 | 61.4 | 10.6 | 34 | 146 | 124 | 129 | 128 |
| Puma | 133 | 62.7 | 10.6 | 34 | 147 | 121 | 127 | 131 |
| AP Iliad | 133 | 62.7 | 11.1 | 35 | 142 | 122 | | |
| <i>Pritchett</i> | 132 | 60.2 | 11.8 | 34 | 147 | 117 | | |
| LCS Hulk | 132 | 63.5 | 10.9 | 34 | 146 | 116 | 119 | 123 |
| <i>ARS-Crescent</i> | 132 | 61.9 | 12.0 | 35 | 149 | 125 | 127 | 124 |
| WB1783 | 131 | 64.3 | 11.6 | 36 | 144 | 120 | 119 | |
| Jasper | 130 | 62.2 | 12.3 | 35 | 149 | 119 | 124 | |
| UI Magic CL+ | 129 | 63.1 | 11.1 | 34 | 144 | | | |
| Nixon | 129 | 63.0 | 11.8 | 32 | 144 | 120 | 119 | |
| LCS Biancor | 128 | 62.0 | 10.3 | 34 | 141 | 112 | | |
| Stephens | 127 | 61.8 | 11.7 | 33 | 143 | 115 | 116 | |
| Norwest Tandem | 127 | 62.3 | 10.7 | 33 | 143 | 118 | 125 | |
| AP Dynamic | 126 | 61.5 | 11.3 | 33 | 149 | | | |
| Rosalyn | 126 | 60.4 | 11.0 | 33 | 148 | 118 | 124 | 135 |
| SY Assure | 125 | 62.9 | 11.8 | 32 | 145 | 115 | 117 | 122 |
| Dyna-Gro Impact | 125 | 62.9 | 12.5 | 35 | 145 | 117 | 120 | |
| VI Bulldog | 124 | 63.0 | 11.9 | 31 | 144 | 112 | 117 | 121 |
| Bobtail | 123 | 59.3 | 11.2 | 36 | 144 | 120 | 130 | 133 |
| WB1529 | 122 | 64.0 | 11.4 | 32 | 145 | 112 | 113 | 118 |
| YS-201 | 118 | 61.3 | 10.9 | 38 | 144 | 107 | 106 | |
| Resilience CL+ | 118 | 63.0 | 11.4 | 36 | 145 | | | |
| WB1604 | 117 | 62.8 | 11.2 | 35 | 143 | 108 | 113 | 118 |
| SY Ovation | 116 | 62.1 | 10.9 | 35 | 148 | 112 | 119 | 125 |
| YS-215 | 116 | 62.9 | 11.1 | 34 | 145 | | | |
| Appleby CL+ (ORI2161250 CL+) | 115 | 63.2 | 11.6 | 35 | 146 | | | |
| Xerpha | 115 | 61.5 | 10.7 | 34 | 150 | 113 | 120 | 122 |
| LCS Drive | 110 | 61.5 | 11.4 | 32 | 141 | 98 | 106 | |
| <i>Experimental Lines</i> | | | | | | | | |

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| Variety Name <i>Club Italicized</i> | 2020 | | | | | 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) |
| LWW16-71088 | 151 | 61.8 | 11.1 | 34 | 144 | 128 | | |
| WA 8307 | 142 | 61.1 | 11.7 | 36 | 146 | 132 | | |
| X61-1 | 139 | 62.9 | 11.7 | 34 | 143 | | | |
| LWW17-8185 | 139 | 62.9 | 10.6 | 35 | 144 | | | |
| 11PN042#02 | 139 | 60.7 | 10.8 | 34 | 145 | | | |
| OR2140401 | 135 | 61.5 | 11.2 | 35 | 145 | 124 | | |
| WA 8293 | 134 | 62.8 | 12.0 | 33 | 149 | 125 | 130 | |
| ARS09X492-6CBW | 132 | 62.1 | 12.4 | 33 | 145 | 120 | | |
| OR2150346 | 129 | 61.3 | 11.2 | 35 | 141 | | | |
| ARSX12016-45CBW | 124 | 62.4 | 12.2 | 35 | 147 | | | |
| OR2150141 | 123 | 61.1 | 11.5 | 34 | 145 | | | |
| OR2130755 | 122 | 63.1 | 11.3 | 35 | 144 | 111 | | |
| OR5170022 | 118 | 61.6 | 12.8 | 35 | 144 | | | |
| 11-163-17C | 103 | 63.2 | 11.7 | 34 | 146 | | | |
| C.V. % | 7 | 0.7 | 6.7 | 6 | 2 | 7 | 7 | 7 |
| LSD (0.05) | 18 | 1.0 | 1.5 | 4 | 6 | 10 | 9 | 6 |
| Average | 130 | 62.1 | 11.3 | 34 | 145 | 119 | 122 | 127 |
| Highest | 151 | 64.3 | 12.8 | 38 | 150 | 132 | 133 | 137 |
| Lowest | 103 | 59.3 | 9.8 | 31 | 140 | 98 | 106 | 118 |

Agronomic Information

| | |
|--|------------|
| Planting Date: | 10/16/2019 |
| Harvest Date: | 7/28/2020 |
| Seeding Rate (seeds/ft ²): | 21 |
| Previous Crop: | |
| Spring soil test: | |
| N (lb/ac) 4-ft sample | 362 |
| P (ppm-bicarb) 2-ft sample | 19 |
| S (lb/ac) 2-ft sample | 28 |
| pH (top 6 inches) | 5.3 |

Trial Notes:

1. The Walla Walla nursery was located about 3 miles SW of Dixie, WA.
2. Overall yield was 23% greater than 2019 and test weight was the same.

Cooperator: Jay Nowogroski and Jason Lynch