



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS**  
**Low Rainfall Averages- Yield**



| Variety                        | Quality* | Herbicide Resistance | Condon | Dufur | Kent | Lexington | Moro (Kaseberg) | Moro (CBARC) | Average |
|--------------------------------|----------|----------------------|--------|-------|------|-----------|-----------------|--------------|---------|
| ORI2190025 CL+                 |          | CL+                  | 42     | 35    | 32   | 36        | 79              | 65           | 48      |
| LCS Drive                      | D        |                      | 40     | 36    | 36   | 41        | 79              | 54           | 48      |
| LCS Shine                      | MD       |                      | 39     | 32    | 34   | 37        | 79              | 62           | 47      |
| ORI2190027 CL+                 |          | CL+                  | 42     | 33    | 35   | 38        | 75              | 61           | 47      |
| Norwest Tandem                 | A        |                      | 38     | 37    | 33   | 36        | 75              | 59           | 46      |
| SY Assure                      | D        |                      | 39     | 35    | 36   | 35        | 75              | 57           | 46      |
| AP Iliad                       |          |                      | 36     | 35    | 42   | 34        | 73              | 54           | 46      |
| LWW17-5877                     |          |                      | 39     | 36    | 39   | 34        | 73              | 50           | 45      |
| LCS Blackjack                  | D        |                      | 38     | 34    | 32   | 35        | 74              | 57           | 45      |
| M-Idas                         |          |                      | 39     | 23    | 32   | 38        | 80              | 57           | 45      |
| LCS Artdeco                    | A        |                      | 40     | 36    | 27   | 37        | 71              | 53           | 44      |
| LWW17-8185                     |          |                      | 38     | 34    | 33   | 36        | 68              | 55           | 44      |
| OR2170559                      |          |                      | 34     | 33    | 27   | 32        | 73              | 65           | 44      |
| OR2160264                      |          |                      | 34     | 37    | 36   | 32        | 68              | 55           | 44      |
| Rosalyn                        | A        |                      | 36     | 32    | 33   | 32        | 65              | 61           | 43      |
| AP Exceed (11PN039#20)         |          |                      | 37     | 35    | 37   | 34        | 76              | 39           | 43      |
| LWW18-5080                     |          |                      | 39     | 39    | 33   | 36        | 69              | 43           | 43      |
| VI Voodoo CL+ (UIL17-6268 CL+) |          | CL+                  | 38     | 34    | 29   | 34        | 67              | 56           | 43      |
| SY Dayton                      | A        |                      | 37     | 31    | 33   | 32        | 71              | 52           | 43      |
| Mary                           | D        |                      | 39     | 32    | 37   | 31        | 71              | 46           | 43      |
| M-Press                        | D        |                      | 34     | 34    | 32   | 31        | 70              | 54           | 42      |
| WB1604                         | A        |                      | 37     | 32    | 30   | 32        | 71              | 52           | 42      |
| UIL 17-7706 CL+                |          | CL+                  | 33     | 31    | 34   | 31        | 68              | 56           | 42      |
| 13-046145A                     |          |                      | 36     | 30    | 36   | 29        | 68              | 54           | 42      |
| 09PN118-02 CL2                 |          | CL+                  | 35     | 32    | 34   | 35        | 71              | 44           | 42      |
| LWW18-0587                     |          |                      | 38     | 37    | 33   | 29        | 62              | 51           | 42      |
| OR2160243                      |          |                      | 36     | 30    | 32   | 30        | 68              | 52           | 41      |
| VI Presto CL+ (UIL17-6451 CL+) |          | CL+                  | 33     | 37    | 30   | 31        | 70              | 46           | 41      |
| LWW18-1171                     |          |                      | 37     | 28    | 31   | 33        | 66              | 52           | 41      |
| WA8307                         |          |                      | 38     | 37    | 30   | 33        | 62              | 47           | 41      |
| LWW18-5078                     |          |                      | 35     | 31    | 29   | 32        | 72              | 46           | 41      |
| Appleby CL+                    |          | CL+                  | 36     | 23    | 33   | 33        | 69              | 51           | 41      |
| AP Dynamic                     |          |                      | 30     | 27    | 34   | 31        | 65              | 57           | 41      |
| WA8336                         |          |                      | 38     | 29    | 31   | 34        | 65              | 46           | 41      |
| OR2130755                      |          |                      | 36     | 29    | 33   | 31        | 67              | 47           | 40      |
| ARSX492-6CBW                   |          |                      | 28     | 38    | 28   | 28        | 67              | 51           | 40      |
| Stephens                       | D        |                      | 37     | 27    | 31   | 29        | 62              | 54           | 40      |
| UI Magic CL+                   | D        | CL+                  | 35     | 26    | 27   | 30        | 64              | 56           | 40      |
| Sockeye CL+ (WA8306 CL+)       | MD       | CL+                  | 35     | 24    | 31   | 30        | 61              | 58           | 40      |
| IDO1708                        |          |                      | 34     | 30    | 34   | 29        | 65              | 46           | 40      |
| WB1529                         | A        |                      | 33     | 26    | 26   | 29        | 67              | 57           | 40      |
| Nixon                          | MD       |                      | 34     | 29    | 34   | 28        | 56              | 56           | 39      |
| Norwest Duet                   | D        |                      | 34     | 30    | 31   | 32        | 64              | 44           | 39      |
| ARSX500-14CBW                  |          |                      | 35     | 36    | 31   | 29        | 60              | 42           | 39      |
| Bobtail                        | MD       |                      | 34     | 22    | 28   | 30        | 62              | 57           | 39      |
| Stingray CL+                   | D        | CL+                  | 32     | 24    | 30   | 29        | 65              | 49           | 38      |
| WB1783                         | LD       |                      | 34     | 29    | 32   | 30        | 62              | 41           | 38      |
| OR5180071                      |          |                      | 28     | 29    | 22   | 23        | 68              | 58           | 38      |
| OR2x2 CL+                      |          | CL+                  | 34     | 29    | 31   | 31        | 59              | 42           | 38      |
| ARS Castella                   | MD       |                      | 33     | 34    | 24   | 29        | 61              | 44           | 38      |
| Piranha CL+ (WA8305 CL+)       | D        | CL+                  | 34     | 26    | 31   | 29        | 64              | 41           | 37      |
| LWW17-5815                     |          |                      | 30     | 29    | 29   | 27        | 65              | 43           | 37      |
| IDO2008                        |          |                      | 32     | 23    | 23   | 28        | 61              | 46           | 36      |
| OR5170022                      |          |                      | 29     | 23    | 23   | 26        | 61              | 41           | 34      |
|                                |          | Average              | 36     | 31    | 32   | 32        | 68              | 52           | 42      |
|                                |          | LSD (0.05)           | 3      | 6     | 5    | 3         | 5               | 10           |         |
|                                |          | CV                   | 5      | 15    | 11   | 7         | 6               | 13           |         |

\*Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS**  
**Low Rainfall Averages- Height**



| Variety                        | Quality* | Herbicide Resistance | Kent | Lexington | Moro (Kaseberg) | Average     |
|--------------------------------|----------|----------------------|------|-----------|-----------------|-------------|
| Norwest Duet                   | D        |                      | 27.1 | 28.5      | 37.2            | <b>30.9</b> |
| WA8307                         |          |                      | 26.7 | 28.4      | 34.3            | <b>29.8</b> |
| AP Iliad                       |          |                      | 27.5 | 28.3      | 33.0            | <b>29.6</b> |
| OR2x2 CL+                      |          | CL+                  | 25.6 | 28.4      | 34.5            | <b>29.5</b> |
| VI Presto CL+ (UIL17-6451 CL+) |          | CL+                  | 26.1 | 27.0      | 34.7            | <b>29.3</b> |
| Appleby CL+                    |          | CL+                  | 25.3 | 28.3      | 33.5            | <b>29.0</b> |
| Sockeye CL+ (WA8306 CL+)       | MD       | CL+                  | 25.0 | 27.6      | 33.3            | <b>28.6</b> |
| Piranha CL+ (WA8305 CL+)       | D        | CL+                  | 26.3 | 26.5      | 32.8            | <b>28.6</b> |
| ORI2190025 CL+                 |          | CL+                  | 26.2 | 27.5      | 32.0            | <b>28.6</b> |
| ORI2190027 CL+                 |          | CL+                  | 26.8 | 27.0      | 31.4            | <b>28.4</b> |
| Stingray CL+                   | D        | CL+                  | 25.6 | 27.5      | 31.9            | <b>28.3</b> |
| IDO1708                        |          |                      | 25.6 | 28.2      | 31.1            | <b>28.3</b> |
| LWW18-0587                     |          |                      | 24.9 | 26.2      | 32.8            | <b>28.0</b> |
| Nixon                          | MD       |                      | 23.8 | 27.4      | 32.1            | <b>27.7</b> |
| WB1783                         | LD       |                      | 25.2 | 27.1      | 30.7            | <b>27.7</b> |
| AP Exceed (11PN039#20)         |          |                      | 26.2 | 26.2      | 30.5            | <b>27.6</b> |
| OR2130755                      |          |                      | 24.7 | 25.5      | 32.6            | <b>27.6</b> |
| LCS Blackjack                  | D        |                      | 23.6 | 26.9      | 31.7            | <b>27.4</b> |
| LWW18-1171                     |          |                      | 24.1 | 27.0      | 30.9            | <b>27.3</b> |
| 09PN118-02 CL2                 |          | CL+                  | 24.5 | 25.0      | 32.3            | <b>27.3</b> |
| LWW17-5877                     |          |                      | 26.1 | 24.0      | 31.8            | <b>27.3</b> |
| IDO2008                        |          |                      | 23.2 | 26.8      | 31.8            | <b>27.3</b> |
| AP Dynamic                     |          |                      | 24.1 | 24.6      | 32.7            | <b>27.2</b> |
| 13-046145A                     |          |                      | 25.0 | 24.6      | 31.6            | <b>27.1</b> |
| M-Press                        | D        |                      | 23.8 | 24.8      | 32.4            | <b>27.0</b> |
| OR2160264                      |          |                      | 24.5 | 25.9      | 30.5            | <b>27.0</b> |
| SY Dayton                      | A        |                      | 25.5 | 24.7      | 30.7            | <b>27.0</b> |
| SY Assure                      | D        |                      | 25.0 | 25.6      | 30.2            | <b>26.9</b> |
| LWW17-5815                     |          |                      | 24.1 | 23.7      | 33.1            | <b>26.9</b> |
| WB1604                         | A        |                      | 24.3 | 25.9      | 30.5            | <b>26.9</b> |
| Stephens                       | D        |                      | 24.6 | 24.9      | 31.1            | <b>26.9</b> |
| OR2160243                      |          |                      | 24.0 | 26.4      | 30.0            | <b>26.8</b> |
| Rosalyn                        | A        |                      | 23.6 | 25.4      | 31.4            | <b>26.8</b> |
| ARSX492-6CBW                   |          |                      | 23.4 | 23.6      | 33.3            | <b>26.8</b> |
| ARSX500-14CBW                  |          |                      | 23.4 | 24.0      | 32.5            | <b>26.6</b> |
| Bobtail                        | MD       |                      | 23.6 | 24.7      | 31.3            | <b>26.5</b> |
| LWW18-5078                     |          |                      | 22.4 | 25.1      | 32.0            | <b>26.5</b> |
| Mary                           | D        |                      | 24.0 | 25.1      | 30.0            | <b>26.4</b> |
| ARS Castella                   | MD       |                      | 23.1 | 23.5      | 32.2            | <b>26.3</b> |
| LWW18-5080                     |          |                      | 24.2 | 23.9      | 30.5            | <b>26.2</b> |
| OR2170559                      |          |                      | 23.3 | 24.4      | 30.7            | <b>26.1</b> |
| UIL 17-7706 CL+                |          | CL+                  | 22.9 | 24.0      | 31.4            | <b>26.1</b> |
| M-Idas                         |          |                      | 23.7 | 24.9      | 29.7            | <b>26.1</b> |
| WB1529                         | A        |                      | 24.8 | 24.3      | 29.2            | <b>26.1</b> |
| LWW17-8185                     |          |                      | 22.9 | 24.5      | 30.7            | <b>26.0</b> |
| OR5180071                      |          |                      | 22.2 | 23.1      | 31.7            | <b>25.7</b> |
| UI Magic CL+                   | D        | CL+                  | 21.2 | 24.9      | 29.4            | <b>25.2</b> |
| OR5170022                      |          |                      | 22.4 | 23.4      | 28.9            | <b>24.9</b> |
| WA8336                         |          |                      | 22.0 | 22.9      | 29.0            | <b>24.7</b> |
| LCS Shine                      | MD       |                      | 23.2 | 22.4      | 28.1            | <b>24.6</b> |
| Norwest Tandem                 | A        |                      | 22.0 | 23.6      | 27.9            | <b>24.5</b> |
| LCS Drive                      | D        |                      | 22.9 | 23.9      | 26.5            | <b>24.4</b> |
| VI Voodoo CL+ (UIL17-6268 CL+) |          | CL+                  | 22.0 | 23.3      | 27.7            | <b>24.4</b> |
| LCS Artdeco                    | A        |                      | 21.8 | 21.9      | 28.4            | <b>24.0</b> |
| Average                        |          |                      | 24.3 | 25.4      | 31.3            | <b>27.0</b> |
| LSD (0.05)                     |          |                      | 1.6  | 1.4       | 1.5             |             |
| CV                             |          |                      | 5    | 4         | 3               |             |

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**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS**  
**Low Rainfall Averages- Test Weight**



| Variety                        | Quality* | Herbicide Resistance | Condon | Dufur | Kent | Lexington | Moro (Kaseberg) | Moro (CBARC) | Average     |
|--------------------------------|----------|----------------------|--------|-------|------|-----------|-----------------|--------------|-------------|
| WB1529                         | A        |                      | 60.0   | 63.4  | 60.2 | 60.9      | 63.2            | 62.8         | <b>61.8</b> |
| WB1783                         | LD       |                      | 60.1   | 62.4  | 59.3 | 62.4      | 63.3            | 62.1         | <b>61.6</b> |
| SY Assure                      | D        |                      | 60.1   | 62.7  | 59.8 | 59.8      | 61.8            | 61.2         | <b>60.9</b> |
| VI Presto CL+ (UIL17-6451 CL+) |          | CL+                  | 58.5   | 61.9  | 58.2 | 60.7      | 62.1            | 60.9         | <b>60.4</b> |
| AP Exceed (11PN039#20)         |          |                      | 59.0   | 63.6  | 58.1 | 58.1      | 61.5            | 60.4         | <b>60.1</b> |
| ARSX500-14CBW                  |          |                      | 58.7   | 62.6  | 59.1 | 58.6      | 60.6            | 60.0         | <b>59.9</b> |
| WB1604                         | A        |                      | 58.2   | 63.3  | 59.2 | 57.4      | 61.3            | 59.7         | <b>59.9</b> |
| UI Magic CL+                   | D        | CL+                  | 58.0   | 62.5  | 57.5 | 59.3      | 59.9            | 61.1         | <b>59.7</b> |
| M-Idas                         |          |                      | 57.1   | 62.4  | 58.2 | 58.6      | 60.8            | 61.0         | <b>59.7</b> |
| LCS Shine                      | MD       |                      | 58.7   | 61.8  | 59.1 | 57.8      | 59.9            | 59.9         | <b>59.5</b> |
| ORI2190027 CL+                 |          | CL+                  | 58.6   | 61.1  | 55.8 | 59.8      | 60.3            | 60.2         | <b>59.3</b> |
| LWW18-5078                     |          |                      | 58.6   | 59.2  | 57.2 | 59.9      | 60.2            | 60.5         | <b>59.3</b> |
| OR5170022                      |          |                      | 57.8   | 60.1  | 57.5 | 58.5      | 60.7            | 60.8         | <b>59.2</b> |
| LWW17-5877                     |          |                      | 57.9   | 61.7  | 58.1 | 59.1      | 59.5            | 58.8         | <b>59.2</b> |
| LWW18-5080                     |          |                      | 58.9   | 61.2  | 57.6 | 59.6      | 58.9            | 58.9         | <b>59.1</b> |
| SY Dayton                      | A        |                      | 57.2   | 61.9  | 58.0 | 58.3      | 59.3            | 60.0         | <b>59.1</b> |
| Norwest Tandem                 | A        |                      | 57.2   | 61.2  | 57.0 | 58.7      | 60.2            | 60.2         | <b>59.1</b> |
| 13-046145A                     |          |                      | 57.6   | 62.3  | 58.1 | 57.9      | 59.6            | 58.8         | <b>59.0</b> |
| OR2170559                      |          |                      | 57.3   | 60.9  | 57.7 | 59.0      | 59.2            | 60.1         | <b>59.0</b> |
| LWW17-5815                     |          |                      | 57.7   | 59.5  | 56.8 | 58.6      | 60.8            | 60.6         | <b>59.0</b> |
| M-Press                        | D        |                      | 57.2   | 61.4  | 57.4 | 58.9      | 59.6            | 59.3         | <b>59.0</b> |
| LWW17-8185                     |          |                      | 58.2   | 60.9  | 56.9 | 59.0      | 58.3            | 60.5         | <b>58.9</b> |
| Appleby CL+                    |          | CL+                  | 57.3   | 60.2  | 56.8 | 58.6      | 60.4            | 59.8         | <b>58.9</b> |
| AP Iliad                       |          |                      | 56.5   | 61.0  | 57.9 | 58.2      | 60.0            | 59.4         | <b>58.8</b> |
| OR2130755                      |          |                      | 56.6   | 60.7  | 57.1 | 58.2      | 59.9            | 60.2         | <b>58.8</b> |
| OR2160243                      |          |                      | 57.4   | 62.0  | 56.4 | 58.0      | 58.8            | 59.9         | <b>58.8</b> |
| ORI2190025 CL+                 |          | CL+                  | 57.9   | 60.9  | 56.7 | 58.3      | 59.1            | 59.4         | <b>58.7</b> |
| ARS Castella                   | MD       |                      | 58.0   | 60.9  | 55.7 | 58.9      | 58.6            | 60.0         | <b>58.7</b> |
| UIL 17-7706 CL+                |          | CL+                  | 56.0   | 60.4  | 56.1 | 59.0      | 59.7            | 60.5         | <b>58.6</b> |
| Mary                           | D        |                      | 56.9   | 61.5  | 57.9 | 56.8      | 59.5            | 58.9         | <b>58.6</b> |
| VI Voodoo CL+ (UIL17-6268 CL+) |          | CL+                  | 57.9   | 62.3  | 56.8 | 58.9      | 56.8            | 58.7         | <b>58.6</b> |
| IDO2008                        |          |                      | 56.1   | 59.7  | 55.8 | 58.1      | 60.7            | 60.2         | <b>58.4</b> |
| Piranha CL+ (WA8305 CL+)       | D        | CL+                  | 57.3   | 59.5  | 56.6 | 57.3      | 59.2            | 60.2         | <b>58.4</b> |
| Stingray CL+                   | D        | CL+                  | 56.2   | 60.3  | 57.4 | 57.6      | 58.9            | 59.4         | <b>58.3</b> |
| LCS Drive                      | D        |                      | 57.1   | 60.6  | 56.5 | 58.5      | 58.3            | 58.7         | <b>58.3</b> |
| Sockeye CL+ (WA8306 CL+)       | MD       | CL+                  | 56.9   | 59.7  | 56.5 | 57.4      | 58.6            | 60.2         | <b>58.2</b> |
| OR2160264                      |          |                      | 56.3   | 60.4  | 57.3 | 56.7      | 58.0            | 59.8         | <b>58.1</b> |
| IDO1708                        |          |                      | 56.6   | 61.0  | 57.4 | 56.0      | 59.2            | 58.2         | <b>58.1</b> |
| 09PN118-02 CL2                 |          | CL+                  | 55.7   | 60.0  | 55.6 | 57.5      | 60.3            | 59.0         | <b>58.0</b> |
| LCS Artdeco                    | A        |                      | 57.9   | 60.6  | 56.5 | 56.9      | 57.9            | 58.5         | <b>58.0</b> |
| Stephens                       | D        |                      | 55.9   | 61.6  | 56.7 | 56.4      | 58.4            | 58.8         | <b>58.0</b> |
| LWW18-0587                     |          |                      | 56.1   | 59.9  | 55.4 | 58.5      | 58.5            | 59.1         | <b>57.9</b> |
| Norwest Duet                   | D        |                      | 55.2   | 58.1  | 54.9 | 58.5      | 59.7            | 60.3         | <b>57.8</b> |
| OR2x2 CL+                      |          | CL+                  | 55.8   | 59.0  | 56.9 | 56.4      | 57.8            | 58.9         | <b>57.5</b> |
| ARSX492-6CBW                   |          |                      | 55.8   | 58.8  | 55.8 | 56.9      | 57.4            | 58.7         | <b>57.2</b> |
| Nixon                          | MD       |                      | 55.1   | 59.0  | 54.6 | 57.5      | 57.1            | 59.5         | <b>57.1</b> |
| WA8307                         |          |                      | 54.6   | 59.6  | 55.1 | 57.4      | 57.2            | 59.0         | <b>57.1</b> |
| AP Dynamic                     |          |                      | 53.7   | 57.1  | 54.8 | 57.8      | 58.4            | 58.9         | <b>56.8</b> |
| Rosalyn                        | A        |                      | 54.2   | 59.9  | 54.4 | 55.3      | 56.0            | 58.9         | <b>56.4</b> |
| LCS Blackjack                  | D        |                      | 54.4   | 58.9  | 53.5 | 56.4      | 56.4            | 58.2         | <b>56.3</b> |
| WA8336                         |          |                      | 54.6   | 58.5  | 53.3 | 56.0      | 56.0            | 58.5         | <b>56.2</b> |
| LWW18-1171                     |          |                      | 53.4   | 60.0  | 52.3 | 55.4      | 55.9            | 57.1         | <b>55.7</b> |
| Bobtail                        | MD       |                      | 51.9   | 57.0  | 52.8 | 54.9      | 56.3            | 58.9         | <b>55.3</b> |
| OR5180071                      |          |                      | 51.8   | 56.3  | 52.1 | 55.1      | 56.9            | 57.1         | <b>54.9</b> |
| Average                        |          |                      | 56.9   | 60.6  | 56.7 | 58.0      | 59.2            | 59.6         | <b>58.5</b> |
| LSD (0.05)                     |          |                      | 0.9    | 0.8   | 1.1  | 1.0       | 0.8             | 1.0          |             |
| CV                             |          |                      | 1      | 1     | 1    | 1         | 1               | 1            |             |

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**Low Rainfall Averages- Protein**



| Variety                        | Quality* | Herbicide Resistance | Condon | Dufur | Kent | Lexington | Moro (Kaseberg) | Moro (CBARC) | Average     |
|--------------------------------|----------|----------------------|--------|-------|------|-----------|-----------------|--------------|-------------|
| OR5170022                      |          |                      | 12.7   | 13.9  | 13.7 | 13.7      | 11.4            | 12.0         | <b>12.9</b> |
| OR2x2 CL+                      |          | CL+                  | 12.6   | 13.6  | 12.8 | 12.7      | 11.1            | 12.4         | <b>12.5</b> |
| ARSX492-6CBW                   |          |                      | 13.6   | 12.4  | 13.4 | 14.0      | 10.3            | 10.8         | <b>12.4</b> |
| Stingray CL+                   | D        | CL+                  | 12.6   | 13.0  | 12.6 | 13.1      | 10.8            | 12.5         | <b>12.4</b> |
| VI Presto CL+ (UIL17-6451 CL+) |          | CL+                  | 13.1   | 12.8  | 12.8 | 12.6      | 10.3            | 11.8         | <b>12.2</b> |
| IDO2008                        |          |                      | 12.5   | 13.2  | 12.9 | 12.5      | 10.2            | 11.6         | <b>12.1</b> |
| UI Magic CL+                   | D        | CL+                  | 12.4   | 13.3  | 12.9 | 13.1      | 10.3            | 10.2         | <b>12.1</b> |
| OR5180071                      |          |                      | 13.0   | 12.4  | 13.3 | 13.0      | 9.8             | 10.7         | <b>12.0</b> |
| WB1604                         | A        |                      | 11.8   | 12.2  | 12.9 | 12.7      | 10.5            | 11.9         | <b>12.0</b> |
| 09PN118-02 CL2                 |          | CL+                  | 12.6   | 12.2  | 12.8 | 12.2      | 10.4            | 11.7         | <b>12.0</b> |
| WB1783                         | LD       |                      | 11.9   | 13.2  | 12.5 | 11.9      | 10.8            | 11.4         | <b>11.9</b> |
| UIL 17-7706 CL+                |          | CL+                  | 12.6   | 12.8  | 12.0 | 13.0      | 9.9             | 11.0         | <b>11.9</b> |
| WB1529                         | A        |                      | 12.7   | 13.2  | 12.6 | 12.3      | 10.5            | 10.0         | <b>11.9</b> |
| OR2170559                      |          |                      | 12.4   | 13.0  | 13.0 | 12.5      | 9.9             | 10.4         | <b>11.8</b> |
| OR2160264                      |          |                      | 12.1   | 11.9  | 12.3 | 12.4      | 10.9            | 11.4         | <b>11.8</b> |
| LWW17-5815                     |          |                      | 12.2   | 11.9  | 11.7 | 13.0      | 10.2            | 11.8         | <b>11.8</b> |
| Mary                           | D        |                      | 11.9   | 12.1  | 11.9 | 12.4      | 10.3            | 12.1         | <b>11.8</b> |
| Nixon                          | MD       |                      | 12.5   | 12.8  | 12.3 | 11.9      | 10.5            | 10.3         | <b>11.7</b> |
| Appleby CL+                    |          | CL+                  | 12.0   | 12.8  | 12.5 | 11.4      | 10.1            | 11.4         | <b>11.7</b> |
| ARSX500-14CBW                  |          |                      | 12.4   | 11.1  | 12.5 | 12.9      | 10.2            | 11.0         | <b>11.7</b> |
| Stephens                       | D        |                      | 12.2   | 11.1  | 12.4 | 12.9      | 10.7            | 10.4         | <b>11.6</b> |
| AP Dynamic                     |          |                      | 12.9   | 11.8  | 11.7 | 12.3      | 10.0            | 11.0         | <b>11.6</b> |
| WA8307                         |          |                      | 11.9   | 12.2  | 11.6 | 12.2      | 9.9             | 11.8         | <b>11.6</b> |
| LWW18-0587                     |          |                      | 11.9   | 11.5  | 12.4 | 12.4      | 10.4            | 10.9         | <b>11.6</b> |
| VI Voodoo CL+ (UIL17-6268 CL+) |          | CL+                  | 11.8   | 10.9  | 12.4 | 12.5      | 10.7            | 10.9         | <b>11.5</b> |
| IDO1708                        |          |                      | 12.0   | 12.4  | 11.8 | 12.2      | 10.1            | 10.5         | <b>11.5</b> |
| OR2130755                      |          |                      | 12.0   | 12.7  | 12.1 | 11.5      | 10.0            | 10.8         | <b>11.5</b> |
| OR2160243                      |          |                      | 11.9   | 11.5  | 11.8 | 12.2      | 10.3            | 11.0         | <b>11.5</b> |
| Piranha CL+ (WA8305 CL+)       | D        | CL+                  | 11.6   | 12.5  | 12.1 | 12.2      | 10.0            | 10.3         | <b>11.4</b> |
| SY Dayton                      | A        |                      | 12.2   | 11.5  | 12.2 | 12.0      | 9.9             | 10.7         | <b>11.4</b> |
| M-Press                        | D        |                      | 12.0   | 11.4  | 12.2 | 12.4      | 9.8             | 10.7         | <b>11.4</b> |
| LWW17-5877                     |          |                      | 11.5   | 12.5  | 11.1 | 11.7      | 10.3            | 11.1         | <b>11.4</b> |
| LCS Blackjack                  | D        |                      | 11.9   | 11.8  | 11.8 | 12.2      | 9.9             | 10.4         | <b>11.3</b> |
| LWW18-5078                     |          |                      | 11.1   | 12.6  | 11.7 | 11.8      | 9.5             | 11.3         | <b>11.3</b> |
| Bobtail                        | MD       |                      | 11.8   | 11.5  | 12.0 | 12.0      | 9.9             | 10.3         | <b>11.2</b> |
| Sockeye CL+ (WA8306 CL+)       | MD       | CL+                  | 11.6   | 12.1  | 12.1 | 11.7      | 9.9             | 9.9          | <b>11.2</b> |
| Norwest Duet                   | D        |                      | 11.6   | 12.0  | 12.2 | 11.7      | 9.5             | 10.3         | <b>11.2</b> |
| 13-046145A                     |          |                      | 11.2   | 11.6  | 11.5 | 12.0      | 9.9             | 11.1         | <b>11.2</b> |
| ARS Castella                   | MD       |                      | 11.5   | 11.6  | 11.8 | 11.9      | 10.4            | 9.9          | <b>11.2</b> |
| Rosalyn                        | A        |                      | 12.1   | 10.6  | 12.0 | 12.5      | 10.0            | 9.7          | <b>11.1</b> |
| LWW18-5080                     |          |                      | 11.2   | 11.6  | 11.6 | 11.2      | 10.0            | 11.1         | <b>11.1</b> |
| ORI2190027 CL+                 |          | CL+                  | 11.5   | 12.3  | 11.8 | 11.5      | 9.6             | 9.9          | <b>11.1</b> |
| ORI2190025 CL+                 |          | CL+                  | 11.1   | 12.3  | 12.0 | 11.2      | 9.7             | 10.3         | <b>11.1</b> |
| LWW18-1171                     |          |                      | 11.7   | 11.0  | 12.0 | 11.9      | 9.5             | 10.5         | <b>11.1</b> |
| LCS Artdeco                    | A        |                      | 11.4   | 10.6  | 11.9 | 11.5      | 10.1            | 10.1         | <b>10.9</b> |
| AP Iliad                       |          |                      | 11.4   | 12.1  | 11.2 | 11.3      | 9.6             | 10.0         | <b>10.9</b> |
| SY Assure                      | D        |                      | 10.9   | 12.6  | 10.9 | 10.9      | 9.3             | 10.4         | <b>10.8</b> |
| Norwest Tandem                 | A        |                      | 11.2   | 11.8  | 11.3 | 11.0      | 9.7             | 9.9          | <b>10.8</b> |
| AP Exceed (11PN039#20)         |          |                      | 11.2   | 10.8  | 11.4 | 10.6      | 9.9             | 10.3         | <b>10.7</b> |
| WA8336                         |          |                      | 10.7   | 11.0  | 10.9 | 11.6      | 9.3             | 10.0         | <b>10.6</b> |
| LCS Drive                      | D        |                      | 11.1   | 11.6  | 11.2 | 10.5      | 9.5             | 9.5          | <b>10.6</b> |
| LWW17-8185                     |          |                      | 10.7   | 10.7  | 11.5 | 10.5      | 10.0            | 9.3          | <b>10.4</b> |
| M-Idas                         |          |                      | 11.0   | 10.3  | 11.2 | 11.1      | 9.1             | 9.2          | <b>10.3</b> |
| LCS Shine                      | MD       |                      | 10.5   | 10.6  | 10.8 | 11.2      | 8.8             | 9.5          | <b>10.2</b> |
| Average                        |          |                      | 11.9   | 12.0  | 12.1 | 12.1      | 10.1            | 10.7         | <b>11.5</b> |
| LSD (0.05)                     |          |                      | 0.5    | 0.5   | 0.5  | 0.6       | 0.5             | 1.0          |             |
| CV                             |          |                      | 3      | 3     | 3    | 3         | 3               | 6            |             |

\*Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses