

**Table 6. 2024 CENTRAL Kansas dryland winter wheat performance test**

| Brand / Name      | EL <sup>1</sup> | HL <sup>2</sup><br>yield (bu/a) | AS <sup>3</sup> | Av.  | % of test average |       |       |       | test weight (lb/bu) |      |      |      |
|-------------------|-----------------|---------------------------------|-----------------|------|-------------------|-------|-------|-------|---------------------|------|------|------|
|                   |                 |                                 |                 |      | EL                | HL    | AS    | Av.   | EL                  | HL   | AS   | Av.  |
| <b>AGRIPRO</b>    |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| AP PROLIFIC       | 63.5            | 75.6                            | 72.1            | 70.4 | 97.2              | 105.0 | 100.2 | 100.8 | 59.3                | 57.9 | 57.9 | 58.3 |
| AP24 AX           | 65.0            | 77.3                            | 72.1            | 71.5 | 99.6              | 107.4 | 100.2 | 102.4 | 58.5                | 57.6 | 56.2 | 57.4 |
| Bigfoot           | 81.6            | 70.4                            | 72.4            | 74.8 | 124.9             | 97.8  | 100.6 | 107.8 | 60.1                | 56.7 | 57.8 | 58.2 |
| SY Wolverine      | 62.5            | 76.6                            | 73.1            | 70.7 | 95.8              | 106.4 | 101.5 | 101.2 | 59.0                | 53.2 | 56.3 | 56.2 |
| <b>AGSECO</b>     |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| AG Icon           | 68.6            | 63.1                            | 73.0            | 68.2 | 105.0             | 87.7  | 101.5 | 98.1  | 59.9                | 58.8 | 58.1 | 58.9 |
| AG Radical        | 59.1            | 78.0                            | 71.9            | 69.7 | 90.5              | 108.4 | 100.0 | 99.6  | 57.3                | 57.4 | 56.5 | 57.1 |
| <b>KWA</b>        |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| KS Ahearn         | 75.2            | 72.7                            | 73.5            | 73.8 | 115.1             | 101.0 | 102.1 | 106.1 | 60.3                | 58.3 | 58.0 | 58.9 |
| KS Bill Snyder    | 76.4            | 65.2                            | 80.3            | 74.0 | 117.0             | 90.7  | 111.5 | 106.4 | 60.1                | 57.0 | 58.5 | 58.5 |
| KS Hatchett       | 57.3            | 73.4                            | 63.2            | 64.6 | 87.7              | 101.9 | 87.8  | 92.5  | 57.6                | 56.9 | 56.6 | 57.0 |
| KS Mako           | 60.6            | 63.5                            | 78.3            | 67.5 | 92.8              | 88.3  | 108.8 | 96.6  | 59.6                | 59.3 | 59.0 | 59.3 |
| KS Providence     | 65.9            | 75.9                            | 76.7            | 72.8 | 100.9             | 105.4 | 106.6 | 104.3 | 59.7                | 57.9 | 59.0 | 58.8 |
| <b>LIMAGRAIN</b>  |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| LCS Atomic AX     | 58.0            | 75.5                            | 68.4            | 67.3 | 88.8              | 105.0 | 95.1  | 96.3  | 59.5                | 58.5 | 58.0 | 58.7 |
| LCS Helix AX      | 86.1            | 73.8                            | 73.1            | 77.7 | 131.9             | 102.6 | 101.5 | 112.0 | 60.6                | 58.9 | 58.6 | 59.3 |
| LCS Julep         | 48.9            | 61.5                            | 72.4            | 60.9 | 74.9              | 85.4  | 100.6 | 87.0  | 58.9                | 56.6 | 58.0 | 57.8 |
| LCS Runner        | 60.4            | 73.4                            | 72.7            | 68.9 | 92.5              | 102.0 | 101.1 | 98.6  | 59.5                | 58.0 | 57.5 | 58.3 |
| LCS Steel AX      | 69.6            | 74.9                            | 72.8            | 72.4 | 106.6             | 104.1 | 101.1 | 103.9 | 61.0                | 59.1 | 57.6 | 59.2 |
| LCS Warbird AX    | 49.3            | 69.5                            | 71.7            | 63.5 | 75.6              | 96.5  | 99.7  | 90.6  | 58.8                | 59.0 | 58.8 | 58.9 |
| <b>OGI</b>        |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| Doublestop CL+    | 56.1            | 63.8                            | 66.8            | 62.2 | 85.9              | 88.6  | 92.8  | 89.1  | 60.5                | 58.1 | 59.3 | 59.3 |
| High Cotton       | 65.4            | 72.8                            | 72.7            | 70.3 | 100.1             | 101.1 | 101.1 | 100.8 | 59.5                | 57.6 | 58.1 | 58.4 |
| OK Corral         | 64.7            | 64.0                            | 68.7            | 65.8 | 99.1              | 88.9  | 95.4  | 94.5  | 58.5                | 56.5 | 57.3 | 57.4 |
| Paradox           | 69.1            | 72.8                            | 65.8            | 69.2 | 105.8             | 101.1 | 91.5  | 99.5  | 59.6                | 55.7 | 57.3 | 57.5 |
| Showdown          | 53.0            | 74.0                            | 75.3            | 67.4 | 81.2              | 102.9 | 104.6 | 96.2  | 58.7                | 56.9 | 57.7 | 57.8 |
| <b>PLAINSGOLD</b> |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| Canvas            | 74.3            | 74.8                            | 69.2            | 72.8 | 113.8             | 103.9 | 96.1  | 104.6 | 60.6                | 59.0 | 59.0 | 59.5 |
| CO18D297R         | 78.4            | 64.5                            | 77.0            | 73.3 | 120.1             | 89.6  | 107.0 | 105.6 | 61.0                | 59.0 | 58.2 | 59.4 |
| Crescent AX       | 64.7            | 72.8                            | 60.6            | 66.0 | 99.1              | 101.2 | 84.2  | 94.8  | 59.1                | 58.3 | 58.3 | 58.5 |
| Kivari AX         | 61.5            | 77.5                            | 80.7            | 73.2 | 94.1              | 107.6 | 112.1 | 104.6 | 58.2                | 57.9 | 57.4 | 57.8 |
| <b>POLANSKY</b>   |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| Golden Hawk       | 64.0            | 74.0                            | 66.4            | 68.1 | 98.0              | 102.8 | 92.3  | 97.7  | 58.4                | 57.5 | 56.8 | 57.5 |
| High Country      | 62.8            | 73.9                            | 65.3            | 67.3 | 96.1              | 102.7 | 90.8  | 96.5  | 58.6                | 57.8 | 57.4 | 58.0 |
| Paradise          | 62.4            | 67.8                            | 62.0            | 64.0 | 95.5              | 94.2  | 86.1  | 91.9  | 59.4                | 57.8 | 57.8 | 58.3 |
| Rockstar          | 70.3            | 75.6                            | 77.0            | 74.3 | 107.7             | 105.0 | 107.0 | 106.6 | 60.1                | 57.6 | 58.0 | 58.6 |
| <b>WESTBRED</b>   |                 |                                 |                 |      |                   |       |       |       |                     |      |      |      |
| WB4401            | 66.4            | 75.0                            | 69.8            | 70.4 | 101.7             | 104.2 | 97.0  | 101.0 | 58.7                | 56.8 | 57.9 | 57.8 |
| WB4422            | 80.3            | 71.7                            | 69.9            | 74.0 | 122.9             | 99.7  | 97.1  | 106.6 | 60.9                | 58.5 | 58.9 | 59.4 |
| WB4445CLP         | 71.7            | 72.3                            | 77.7            | 73.9 | 109.9             | 100.4 | 107.9 | 106.1 | 60.8                | 59.5 | 58.5 | 59.6 |
| WB4523            | 58.4            | 73.1                            | 78.7            | 70.0 | 89.4              | 101.6 | 109.3 | 100.1 | 59.4                | 57.5 | 58.2 | 58.4 |
| WB4699            | 53.9            | 78.5                            | 77.4            | 69.9 | 82.5              | 109.1 | 107.6 | 99.7  | 58.3                | 56.1 | 56.6 | 57.0 |
| AVERAGE           | 65.3            | 72.0                            | 72.0            | 69.7 | 100.0             | 100.0 | 100.0 | 100.0 | 59.4                | 57.7 | 57.9 | 58.3 |
| CV (%)            | 10.7            | 6.5                             | 5.3             | --   | 10.7              | 6.5   | 5.3   | --    | 0.8                 | 0.9  | 0.3  | --   |
| LSD (0.05)*       | 8.8             | 4.7                             | 8.8             | --   | 13.4              | 6.6   | 12.3  | --    | 0.9                 | 1.2  | 1.4  | --   |

<sup>1</sup>EL=Ellsworth, KS, farmer's field, Ellsworth County.

<sup>2</sup>HL= Hillsboro, KS, farmer's field, Marion County.

<sup>3</sup>AS=Assaria, KS, farmer's field, Saline County.

\*Yields must differ by more than the LSD value to be considered statistically different.

| 2023-2024 Season                | Ellsworth | Hillsboro    | Assaria      |
|---------------------------------|-----------|--------------|--------------|
| Date Planted                    | 10/2/2023 | 10/18/2023   | 10/18/2023   |
| Previous Crop                   | wheat     | failed wheat | soybean      |
| Primary Tillage                 | minimum   | conventional | conventional |
| Date Harvested                  | 6/19/2024 | 6/25/2024    | 6/20/2024    |
| Seasonal precipitation (inches) | 16.0      | 18.6         | 17.9         |
| Normal precipitation (inches)   | 18.6      | 22.3         | 19.7         |

**CENTRAL Kansas multi-year averages (2022-2024)**

| Brand / Name   | -EL- |      | -HL- | -AS- |      |
|----------------|------|------|------|------|------|
|                | 2 yr | 3 yr | 3 yr | 2 yr | 3 yr |
| (bushels/acre) |      |      |      |      |      |
| <b>AGRIPRO</b> |      |      |      |      |      |
| AP BIGFOOT     | 58.2 | 59.4 | 77.6 | 59.1 | 56.2 |
| AP PROLIFIC    | 47.9 | 55.7 | 84.3 | 62.7 | 56.9 |
| SY WOLVERINE   | 44.4 | 57.3 | 88.8 | 63.4 | 59.3 |

**Table 6 continued. 2024 CENTRAL Kansas dryland winter wheat performance test**

| Brand / Name       | -EL- |      | -HL- | -AS- |      |
|--------------------|------|------|------|------|------|
|                    | 2 yr | 3 yr | 3 yr | 2 yr | 3 yr |
| <b>AGSECO</b>      |      |      |      |      |      |
| AG ICON            | 54.3 | 56.9 | 70.0 | 64.3 | 59.2 |
| AG RADICAL         | 48.3 | 53.3 | 84.6 | 64.6 | 60.9 |
| <b>KWA</b>         |      |      |      |      |      |
| KS AHEARN          | 51.1 | 58.2 | 75.9 | 61.7 | 56.3 |
| KS HATCHETT        | 43.4 | 53.7 | 77.8 | 56.4 | 53.6 |
| KS MAKO            | 56.8 | --   | --   | 67.1 | --   |
| KS PROVIDENCE      | 58.2 | 63.0 | 82.5 | 67.6 | 62.4 |
| <b>LIMAGRAIN</b>   |      |      |      |      |      |
| LCS ATOMIC AX      | 46.2 | 50.2 | 81.3 | 60.9 | 57.3 |
| LCS HELIX AX       | 60.3 | 64.8 | 80.4 | 62.2 | 58.5 |
| LCS JULEP          | 46.3 | 56.9 | 74.8 | 65.9 | 60.3 |
| LCS STEEL AX       | 53.3 | 63.5 | 82.3 | 65.6 | 60.3 |
| <b>OGI</b>         |      |      |      |      |      |
| DOUBLESTOP CL PLUS | 45.5 | 52.5 | 72.1 | 60.3 | 57.8 |
| SHOWDOWN           | 45.0 | 54.4 | 81.0 | 62.3 | 58.3 |
| <b>PLAINSGOLD</b>  |      |      |      |      |      |
| CANVAS             | 61.2 | 60.5 | 80.3 | 65.6 | 61.5 |
| CRESCENT AX        | 47.6 | 52.3 | 77.9 | 56.2 | 53.2 |
| KIVARI AX          | 54.5 | 61.6 | 76.7 | 67.3 | 63.2 |
| <b>POLANSKY</b>    |      |      |      |      |      |
| HIGH COUNTRY       | 52.4 | 55.8 | 77.9 | 58.7 | 56.3 |
| PARADISE           | 48.8 | 56.4 | 75.8 | 52.6 | 51.4 |
| ROCK STAR          | 54.7 | 60.2 | 81.9 | 67.0 | 61.4 |
| <b>WESTBRED</b>    |      |      |      |      |      |
| WB4401             | 49.6 | 55.4 | 85.3 | 62.8 | 56.7 |
| WB4422             | 60.7 | 68.3 | 86.7 | 68.4 | 64.0 |
| WB4523             | 46.4 | 54.3 | 77.7 | 65.1 | 59.8 |
| WB4699             | 46.6 | 53.3 | 83.3 | 65.7 | 60.7 |
| AVERAGE            | 51.3 | 57.4 | 79.9 | 62.9 | 58.6 |