

2018 Rossville, Kansas Irrigated Soybean Performance Test, Shawnee County

| BRAND | NAME | YIELD (bu/a) | PAVG (%) | MAT (date) | LDG (score 1-9) | HT (in) | **AUDC (SDS rating) |
|----------------|----------------|-----------------|--------------|---------------|--------------------|------------|------------------------|
| LG SEEDS | C4227RX | 66.1 | 117.4 | 23-Sep-18 | 2.3 | 42 | 14 |
| STINE | 43RE02 | 64.6 | 114.8 | -- | -- | -- | -- |
| LG SEEDS | C3985RX | 63.7 | 113.2 | 23-Sep-18 | 1.3 | 41 | 5 |
| MIDLAND | 3938NX | 62 | 110.2 | 23-Sep-18 | 2.3 | 40 | 4 |
| LG SEEDS | C4615RX | 61.7 | 109.6 | 14-Oct-18 | 2 | 54 | 9 |
| MIDLAND | 4488NXS | 58.1 | 103.2 | 6-Oct-18 | 2.5 | 43 | 22 |
| MISSOURI | S13-10590C | 58 | 103.1 | 29-Sep-18 | 2.3 | 36 | 88 |
| MIDLAND | 4328NX | 57.9 | 102.9 | 26-Sep-18 | 2 | 45 | 102 |
| HEFTY | H42x9 | 57.9 | 102.9 | 21-Sep-18 | 2.2 | 43 | 72 |
| CREDENZ | CZ 4222 LL | 57.8 | 102.7 | 25-Sep-18 | 2.5 | 41 | 35 |
| HEFTY | H39x8 | 57.8 | 102.7 | 25-Sep-18 | 1.8 | 43 | 11 |
| LG SEEDS | LGS3777RX | 57.8 | 102.7 | 25-Sep-18 | 3 | 46 | 189 |
| CREDENZ | CZ 3841 LL | 57.6 | 102.3 | 21-Sep-18 | 2.8 | 43 | 169 |
| MIDLAND | 3779NXS | 57.3 | 101.8 | 25-Sep-18 | 2.5 | 42 | 162 |
| MISSOURI | S14-9051R | 56 | 99.5 | 7-Oct-18 | 2 | 37 | 8 |
| LG SEEDS | LGS4573RX | 55.9 | 99.3 | 10-Oct-18 | 3 | 48 | 39 |
| CREDENZ | CZ 4308 LL | 55.1 | 97.9 | 26-Sep-18 | 1.8 | 44 | 4 |
| WILLCROSS | WX3388N | 54.8 | 97.4 | 23-Sep-18 | 1.5 | 38 | 38 |
| HEFTY | H37x7 | 54.4 | 96.7 | 25-Sep-18 | 3.8 | 46 | 242 |
| WILLCROSS | WX3467NS | 54.1 | 96.1 | 7-Oct-18 | 1.8 | 54 | 80 |
| CREDENZ | CZ 3601 LL | 53.8 | 95.6 | 22-Sep-18 | 2.5 | 36 | 125 |
| MIDLAND | 3537NX | 53.7 | 95.4 | 24-Sep-18 | 1.8 | 35 | 86 |
| CHECK | MG3.9 | 53.4 | 94.9 | 22-Sep-18 | 2.5 | 39 | 121 |
| HEFTY | H35x8 | 52.8 | 93.8 | 28-Sep-18 | 1.5 | 32 | 77 |
| HEFTY | H31x9 | 52.6 | 93.5 | 23-Sep-18 | 2.3 | 37 | 129 |
| CREDENZ | CZ 4548 LL | 51.6 | 91.7 | 24-Sep-18 | 2.8 | 46 | 241 |
| MISSOURI | S13-3851C | 50.7 | 90.1 | 3-Oct-18 | 2 | 37 | 5 |
| CREDENZ | CZ 3548 LL | 50.2 | 89.2 | 19-Sep-18 | 3.3 | 36 | 45 |
| CREDENZ | CZ 4105 LL | 48.7 | 86.5 | 29-Sep-18 | 1.5 | 38 | 65 |
| MISSOURI | S14-15138R | 47.6 | 84.6 | 9-Oct-18 | 1.8 | 44 | 14 |
| | AVERAGE | 56.28 | 100.0 | 27-Sep-18 | 2.3 | 41 | 79 |
| | CV (%) | 8.7 | | -- | -- | 9 | -- |
| | LSD (0.1) | 5.7 | | -- | 0.8 | 6 | 102 |

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

Planted: 5/10/2018

** AUDPC = area under the disease progress curve. This is an assessment of the severity of Soybean Sudden Death Syndrome (SDS) in the plot.

The higher the AUDPC, the more severe the SDS symptoms.