

Table 1. Maturity group IV early soybean entries from the Clarksdale, MS official variety trial and their response to stem canker as observed during 2017 compared to harvested yield data.

| Variety | Stem canker rating ^x | Yield (bu/A) |
|-----------------------------|---------------------------------|--------------|
| AgriGold G4380RX | 0.0 f | 69.4 |
| AgriGold G4440RX | 4.3 d | 39.6 |
| AgriGold G4685RX | 0.0 f | 67.5 |
| AGS GS45R216 | 0.0 f | 72.9 |
| AGS GS46X17 | 0.0 f | 64.1 |
| Armor 44-D40 | 1.7 e | 56.6 |
| Armor 46-D08 | 0.0 f | 77.0 |
| Armor ARX4607 | 5.7 c | 43.6 |
| Asgrow AG43X7 | 0.0 f | 78.5 |
| Asgrow AG45X8 | 0.0 f | 75.9 |
| Asgrow AG46X6 | 0.0 f | 75.7 |
| Asgrow AG46X7 | 0.0 f | 73.3 |
| Asgrow AG46X8 | 0.0 f | 73.3 |
| Credenz CZ 4181 RY | 0.0 f | 64.5 |
| Credenz CZ 4590 RY | 0.0 f | 66.8 |
| Croplan RX4516S | 0.0 f | 73.1 |
| Delta Grow DG4670 RR2 | 0.0 f | 74.5 |
| Delta Grow DG4680 RR2 | 0.0 f | 74.5 |
| Dyna-Gro 31RY45 | 0.0 f | 74.7 |
| Dyna-Gro S43RY95 | 0.0 f | 70.7 |
| Dyna-Gro S44XS57 | 4.7 d | 57.6 |
| Dyna-Gro S45XS37 | 0.0 f | 77.5 |
| Dyna-Gro S45XS66 | 0.0 f | 82.4 |
| Dyna-Gro SX17846XS | 7.0 b | 36.5 |
| Great Heart Seed GT-4540XS | 0.0 f | 88.4 |
| MorSoy MS 4616 RXT | . | 73.5 |
| NK S43-V3X | 0.0 f | 68.6 |
| NK S45-K5X | 0.0 f | 70.8 |
| Pioneer P40T26X | 0.0 f | 65.9 |
| Pioneer P45T74X | 0.0 f | 76.4 |
| Progeny P4255RX | 8.3 a | 79.9 |
| Progeny P4444RXS | 0.0 f | 76.2 |
| Progeny P4516RXS | 0.0 f | 28.6 |
| Progeny P4620RXS | 0.0 f | 69.3 |
| Univ. of Missouri S14-9051R | 0.0 f | 61.3 |
| | LSD | 0.7 |
| | CV | 43.0 |
| | <i>p</i> -value | <0.0001 |

^x Stem canker was observed as the amount of plants from within each plot exhibiting both lesions on the main stem and severity of interveinal chlorosis at the time of observation based on a scale of 0-9 where 0=no plants in the plot to 9=severe stem lesions and interveinal chlorosis.