

**Maturity Group V early Septoria brown spot ratings**

| Brand Variety                           | Septoria brown spot severity rating (0-9 scale) |                 |            |                  |          |                  |             |                 |                 | AVG        |
|---|---|-----------------|------------|------------------|----------|------------------|-------------|-----------------|-----------------|------------|
|   | Brooksville                                     | Brooksville (N) | Clarksdale | Hickory Flat (N) | Longwood | Olive Branch (N) | Raymond (N) | Stoneville-clay | Stoneville-loam |            |
| AgriGold G5000RX                        | 4.3   | 6.0             | 6.0        | 7.0              | 7.3      | 6.0              | 7.0         | 6.7             | 6.3             | <b>6.3</b> |
| Armor 53-D04                            | 4.3   | 5.3             | 6.7        | 6.7              | 7.7      | 6.0              | 6.0         | 6.0             | 6.7             | <b>6.1</b> |
| Armor ARX5107                           | 5.0   | 4.7             | .          | 7.3              | 7.7      | 6.7              | 6.0         | 6.3             | 7.3             | <b>6.4</b> |
| Armor ARX5607                           | 5.3   | 5.3             | 5.3        | 6.7              | 7.7      | 6.0              | 6.7         | 6.7             | 6.7             | <b>6.3</b> |
| Asgrow AG51X8                           | 4.7   | 6.3             | .          | 8.0              | 7.0      | 6.7              | 6.0         | 6.7             | 7.0             | <b>6.5</b> |
| Asgrow AG55X7                           | 5.0   | 6.0             | 5.3        | 7.7              | 7.3      | 6.3              | 5.7         | 6.7             | 6.7             | <b>6.3</b> |
| Asgrow AG55X8                           | 4.7   | 6.0             | 6.0        | 6.0              | 7.7      | 5.0              | 6.0         | 7.0             | 6.7             | <b>6.1</b> |
| Credenz CZ 5375 RY                      | 4.7   | 5.0             | 5.7        | 6.3              | 7.0      | 5.3              | 6.0         | 6.7             | 6.7             | <b>5.9</b> |
| Delta Grow DG5170 RR2/STS               | 5.0   | 4.7             | 5.3        | 7.3              | 7.3      | 7.0              | 6.3         | 6.3             | 6.3             | <b>6.2</b> |
| Delta Grow DG5555 RR                    | 5.0   | 6.0             | 5.7        | 7.0              | 7.3      | 6.0              | 7.0         | 7.0             | 6.7             | <b>6.4</b> |
| Delta Grow DG5580 RR2                   | 5.7   | 6.0             | 6.0        | 7.0              | 7.7      | 6.3              | 6.3         | 6.3             | 6.7             | <b>6.4</b> |
| Dyna-Gro S56RY84                        | 5.0   | 6.3             | 5.7        | 6.3              | 7.7      | 6.3              | 6.7         | 6.3             | 7.0             | <b>6.4</b> |
| Dyna-Gro S56XT98                        | 5.3   | 5.7             | 6.0        | 6.7              | 7.7      | 6.0              | 6.7         | 7.0             | 6.7             | <b>6.4</b> |
| Dyna-Gro SX17651XS                      | 4.7   | 4.7             | 5.7        | 7.7              | 7.3      | 6.3              | 6.3         | 5.7             | 6.3             | <b>6.1</b> |
| Go Soy 54G16                            | 4.7   | 6.7             | 5.7        | 6.7              | 7.7      | 6.0              | 6.3         | 6.3             | 6.7             | <b>6.3</b> |
| Great Heart Seed GT-5324X               | 4.7   | 5.3             | 6.0        | 7.3              | 7.0      | 6.7              | 6.7         | 6.7             | 6.0             | <b>6.3</b> |
| MorSoy MS 5607 RXT                      | 5.3   | 6.0             | .          | .                | .        | .                | .           | .               | .               | <b>5.7</b> |
| NK S52-Y7X                              | 4.3   | 6.7             | 6.0        | 6.7              | 7.7      | 6.3              | 6.3         | 7.0             | 6.3             | <b>6.4</b> |
| Pioneer P50T56X                         | 4.3   | 4.3             | .          | .                | .        | .                | .           | .               | .               | <b>4.3</b> |
| Pioneer P50T92X                         | 4.7   | 6.0             | 6.0        | 7.7              | 7.3      | 6.0              | 6.7         | 7.0             | 6.7             | <b>6.4</b> |
| Pioneer P54A54X                         | 5.7   | 6.3             | 5.7        | 8.0              | 7.0      | 6.7              | 6.7         | 6.7             | 7.0             | <b>6.6</b> |
| Pioneer P55A49X                         | 5.3   | 6.3             | 5.3        | 7.7              | 8.0      | 6.7              | 6.7         | 6.3             | 6.3             | <b>6.5</b> |
| Progeny P5016RXS                        | 4.3   | 5.7             | 5.3        | 7.3              | 7.7      | 6.0              | 7.0         | 6.3             | 6.7             | <b>6.3</b> |
| Progeny P5157RXS                        | 4.7   | 5.3             | 5.7        | 6.3              | 7.7      | 6.0              | 6.0         | 6.7             | 6.3             | <b>6.1</b> |
| Progeny P5376RX                         | 5.3   | 5.3             | 6.0        | 7.3              | 7.3      | 6.7              | 6.7         | 6.7             | 6.0             | <b>6.4</b> |
| Progeny P5417RX                         | 4.7   | 5.7             | 6.0        | 7.0              | 7.7      | 5.7              | 6.0         | 7.0             | 6.7             | <b>6.3</b> |
| Progeny P5688RX                         | 4.7   | 6.3             | 5.3        | 7.0              | 8.3      | 5.7              | 6.7         | 6.7             | 7.3             | <b>6.4</b> |
| Terral 55A67                            | 5.0   | 6.0             | 5.3        | 6.0              | 7.3      | 6.0              | 6.7         | 6.7             | 7.0             | <b>6.2</b> |
| Terral REV 50A47                        | 5.0   | 6.0             | 6.0        | 8.0              | 7.7      | 6.7              | 6.0         | 6.3             | 6.7             | <b>6.5</b> |
| Terral REV 51A56                        | 5.7   | 6.0             | 6.0        | 7.7              | 6.5      | 6.5              | 6.7         | 6.7             | 6.0             | <b>6.4</b> |
| Terral REV 56A58                        | 5.3   | 5.0             | 6.0        | 6.0              | 7.0      | 5.7              | 6.7         | 6.0             | 6.3             | <b>6.0</b> |
| Terral REV 56R63                        | 5.3   | 5.7             | 6.0        | 6.0              | 7.3      | 6.3              | 7.0         | 6.3             | 6.3             | <b>6.3</b> |
| Univ. of Arkansas UA 5414RR(R04-1268RR) | 5.3   | 6.3             | 6.0        | 8.0              | 8.3      | 6.7              | 7.0         | 6.3             | 6.0             | <b>6.7</b> |
| Univ. of Missouri S14-9017R             | 4.7   | 5.0             | 5.7        | 6.3              | 8.0      | 5.7              | 6.3         | 6.0             | 5.7             | <b>5.9</b> |
| USG 7547XT                              | 4.3   | 5.0             | 5.3        | 7.0              | 7.7      | 5.7              | 6.7         | 7.0             | 6.0             | <b>6.1</b> |
| USG 7568XT                              | 5.0   | 6.0             | 5.0        | 7.0              | 7.3      | 5.7              | 7.0         | 7.0             | 6.7             | <b>6.3</b> |
| LSD                                     | 1.2   | 1.0             | 1.0        | 0.9              | 1.1      | 1.1              | 1.1         | 0.9             | 0.9             |            |
| CV                                      | 14.5  | 10.7            | 10.4       | 8.5              | 92       | 10.6             | 10.2        | 8.2             | 8.6             |            |
| p -value                                | 0.504   | <0.0001         | 0.4518     | <0.0001          | 0.6918   | 0.0969           | 0.4816      | 0.2286          | 0.1386          |            |