

Maturity Group V Early Septoria brown spot ratings

| Cultivar | Septoria brown spot severity rating (0-9) | | | | | | | AVG |
|-------------------------------|---|------------------|---------|----------|---------|-------------------|-------------------|-----|
| | Brooksville | Clarksdale (irr) | Falkner | Longwood | Raymond | Stoneville (clay) | Stoneville (loam) | |
| Armor 50-R21(AX4500) | 5.3 c-f | 3.3 cd | 6.7 a | 4.7 | 5.0 e | 5.0 | 5.3 | 5.1 |
| Armor 51-R50 | 7.0 a | 4.0 bcd | 6.0 abc | 5.0 | 6.0 b-e | 6.3 | 5.3 | 5.6 |
| Armor AR5205 | 5.0 d-g | 3.7 cd | 5.0 c-f | 4.7 | 5.0 e | 5.7 | 4.7 | 4.8 |
| Armor AR5605 | 5.3 c-f | 4.3 abc | 4.7 def | 4.0 | 5.0 e | 5.0 | 5.0 | 4.9 |
| Armor AR5615 | 4.7 e-h | 3.3 cd | 5.7 a-d | 3.7 | 6.7 abc | 5.3 | 4.7 | 4.6 |
| Asgrow AG5233 | 6.7 ab | 3.3 cd | 5.0 c-f | 4.0 | 6.7 abc | 5.3 | 5.0 | 4.9 |
| Asgrow AG5332 | 6.0 a-d | 3.0 d | 6.0 abc | 4.0 | 6.3 a-d | 4.3 | 5.3 | 5.0 |
| Asgrow AG5335 | 6.3 abc | 4.0 bcd | 6.3 ab | 4.3 | 6.0 b-e | 5.0 | 4.3 | 5.3 |
| Asgrow AG5533 | 6.3 abc | 3.3 cd | 6.3 ab | 4.7 | 6.0 b-e | 5.3 | 5.3 | 5.4 |
| Asgrow AG5535 | 6.0 a-d | 3.0 d | 5.7 a-d | 4.3 | 5.3 de | 5.0 | 5.7 | 5.1 |
| Croplan R2C5081 | 6.3 abc | 4.0 bcd | 6.3 ab | 4.7 | 7.3 a | 6.3 | 5.0 | 5.5 |
| Delta Grow DG 5170 RR2/STS | 5.3 c-f | 3.7 cd | 6.0 abc | 4.7 | 5.3 de | 5.3 | 5.0 | 5.0 |
| Delta Grow DG 5230RR2 | 6.3 abc | 3.7 cd | 5.7 a-d | 5.0 | 6.3 a-d | 5.7 | 5.7 | 5.5 |
| Delta Grow DG 5575 RR2 | 5.0 d-g | 3.3 cd | 5.0 c-f | 5.0 | 6.7 abc | 5.3 | 5.3 | 4.9 |
| Delta Grow DG 5625 RR2 | 4.7 e-h | 3.7 cd | 5.3 b-e | 4.7 | 6.3 a-d | 5.0 | 5.3 | 4.9 |
| Dyna-Gro 92RY55 | 4.7 e-h | 3.0 d | 6.0 abc | 4.7 | 5.7 cde | 4.7 | 5.3 | 5.0 |
| Dyna-Gro S52RY75 | 6.0 a-d | 3.0 d | 6.0 abc | 5.0 | 6.3 a-d | 5.7 | 5.3 | 5.4 |
| Dyna-Gro S56RY84 | 4.7 e-h | 3.0 d | 5.0 c-f | 4.0 | 5.7 cde | 5.7 | 5.3 | 4.9 |
| Great Heart Seed GT-516CR2 | 6.0 a-d | 3.0 d | 6.3 ab | 4.3 | 5.3 de | 4.7 | 5.3 | 5.0 |
| MorSoy Extra 55X75 | 5.3 c-f | 3.0 d | 6.0 abc | 4.3 | 5.3 de | 4.7 | 5.0 | 5.0 |
| Mycogen 5N501R2(MYCX54490NR2) | 5.0 d-g | 3.0 d | 6.0 abc | 4.7 | 5.0 e | 5.3 | 5.0 | 5.0 |
| Mycogen 5N522R2(MYCX54522NR2) | 5.3 c-f | 4.3 abc | 5.0 c-f | 5.0 | 6.0 b-e | 6.0 | 5.3 | 5.1 |
| Mycogen 5N550R2 | 5.7 b-e | 3.7 cd | 5.7 a-d | 4.7 | 5.7 cde | 4.7 | 4.3 | 5.0 |
| NK S50-J7 | 6.3 abc | 4.0 bcd | 5.7 a-d | 5.0 | 5.3 de | 5.3 | 5.0 | 5.1 |
| NK S52-Y2 | 6.0 a-d | 3.0 d | 6.7 a | 4.3 | 5.3 de | 4.7 | 5.3 | 5.1 |
| NK S55-Q3 | 5.3 c-f | 3.7 cd | 4.7 def | 4.3 | 6.0 b-e | 4.7 | 5.3 | 4.8 |
| Progeny Ag P 5213RY | 6.7 ab | 4.0 bc | 5.7 a-d | 4.7 | 5.0 e | 5.3 | 4.7 | 5.3 |
| Progeny Ag P 5226RYS | 5.7 b-e | 3.0 d | 6.3 ab | 4.3 | 5.7 cde | 5.0 | 4.3 | 4.9 |
| Progeny Ag P 5333RY | 5.0 d-g | 3.3 cd | 6.3 ab | 4.3 | 6.3 a-d | 6.0 | 5.7 | 5.0 |
| Progeny Ag P 5555RY | 5.0 d-g | 3.3 cd | 4.7 def | 4.0 | 6.0 b-e | 4.7 | 5.3 | 4.6 |
| Progeny Ag P 5610RY | 4.3 fgh | 3.7 cd | 4.3 ef | 4.3 | 5.3 de | 4.7 | 5.3 | 4.6 |
| Schillinger 5220.RC | 4.7 e-h | 3.3 cd | 6.3 ab | 4.3 | 5.3 de | 5.0 | 4.7 | 5.0 |

Maturity Group V Early Septoria brown spot ratings

| Cultivar | Septoria brown spot severity rating (0-9) | | | | | | | AVG |
|--|---|------------------|---------|----------|---------|-------------------|-------------------|------------|
| | Brooksville | Clarksdale (irr) | Falkner | Longwood | Raymond | Stoneville (clay) | Stoneville (loam) | |
| Terral REV® 51A56™ | 6.3 abc | 5.3 a | 5.0 c-f | 4.7 | 6.3 a-d | 6.0 | 4.7 | 5.4 |
| Terral REV® 52A94™ | 6.0 a-d | 5.0 ab | 6.3 ab | 5.0 | 7.0 ab | 5.7 | 4.7 | 5.4 |
| Terral REV® 54R84™ | 4.0 gh | 4.0 bc | 5.7 a-d | 4.7 | 6.0 b-e | 5.7 | 4.7 | 4.9 |
| Terral REV® 55R53™ | 3.7 h | 3.7 cd | 6.3 ab | 5.0 | 6.3 a-d | 5.0 | 4.3 | 5.0 |
| Terral REV® 56R63™ | 4.7 e-h | 4.3 abc | 5.3 b-e | 4.7 | 5.0 e | 4.3 | 5.0 | 4.9 |
| Univ. of Arkansas R10-197RY | 5.3 c-f | 3.7 cd | 5.0 c-f | 4.3 | 6.7 abc | 5.7 | 4.7 | 5.0 |
| Univ. of Arkansas R11-89RY | 3.7 h | 3.0 d | 5.3 b-e | 5.3 | 6.0 b-e | 4.7 | 5.0 | 4.7 |
| Univ. of Arkansas UA 5414RR (R04-1268RR) | 5.7 b-e | 4.3 abc | 5.7 a-d | 4.3 | 6.0 b-e | 5.3 | 5.3 | 5.0 |
| Univ. of Missouri S11-20195 | 4.3 fgh | 3.3 cd | 5.7 a-d | 4.0 | 6.3 a-d | 5.0 | 4.3 | 4.9 |
| USG 75J45R | 5.0 d-g | 3.0 d | 6.0 abc | 4.7 | 6.0 b-e | 5.7 | 4.7 | 5.0 |
| | LSD 1.2 | 1 | 1.3 | 1 | 1.2 | 1.3 | 1 | |
| | CV 14.2 | 17.2 | 14.5 | 13.8 | 13 | 14.6 | 12.4 | |
| | <i>p</i> -value <0.0001 | 0.0002 | 0.0059 | 0.4198 | 0.0048 | 0.1375 | 0.2587 | |