

2018 target spot evaluations (incidence, severity and defoliation) as well as yield from the Mississippi State University Official Variety Trial conducted in Lucedale, MS.

| Variety | 0-100% scale | | 0-100% scale | Lint yield (lb/A) |
|-----------------|------------------------|-----------------------|---------------------------------|-------------------|
| | Incidence ^a | Severity ^b | Canopy defoliation ^c | |
| AMX 1801 B3XF | 71.5 | 6.5 | 41.3 | 397.8 |
| AMX 1815 B3XF | 71.3 | 5.8 | 31.7 | 461.3 |
| AMX 1816 B3XF | 71.3 | 5.0 | 43.8 | 528.0 |
| AMX 1817 B3XF | 60.0 | 5.8 | 10.0 | 566.5 |
| AMX 1818 B3XF | 57.5 | 5.3 | 41.3 | 741.8 |
| AMX 1819 B3XF | 66.3 | 5.0 | 60.0 | 510.3 |
| BX 1973GLTP | 82.5 | 5.8 | 43.3 | 475.8 |
| BX 1974GLTP | 52.5 | 5.8 | 25.0 | 590.8 |
| BX 1975GLTP | 60.0 | 6.5 | 47.5 | 595.8 |
| BX 1976GLTP | 66.3 | 6.5 | 50.0 | 628.0 |
| CG 3527 B3XF | 67.5 | 4.0 | 47.5 | 611.0 |
| CG 9608 B3XF | 76.3 | 5.5 | 58.8 | 492.8 |
| CPS 18501-C | 67.5 | 7.3 | 52.5 | 761.0 |
| CPS 18502-C | 75.0 | 5.0 | 51.3 | 637.3 |
| CPS 18503-D | 78.8 | 6.5 | 51.3 | 776.3 |
| CPS 18507-D | 71.3 | 5.0 | 48.8 | 872.0 |
| CPS 18R817 | 77.5 | 5.0 | 61.3 | 606.8 |
| CPS 18R827 | 71.3 | 4.3 | 46.3 | 692.8 |
| DG 1702 GLT | 70.0 | 5.0 | 51.3 | 633.3 |
| DG 3214 B2XF | 66.3 | 5.8 | 55.0 | 763.0 |
| DG 3385 B2XF | 70.0 | 7.0 | 41.3 | 711.0 |
| DG 3433 B2XF | 67.5 | 7.3 | 52.5 | 803.3 |
| DG 3526 B2XF | 75.0 | 5.0 | 51.3 | 391.8 |
| DP 1518 B2XF | 73.8 | 5.0 | 55.0 | 726.0 |
| DP 1555 B2RF | 71.3 | 7.0 | 47.5 | 543.0 |
| DP 1646 B2XF | 78.8 | 5.0 | 53.8 | 644.0 |
| DP 1725 B2XF | 68.8 | 6.5 | 53.8 | 585.8 |
| DP 17R818 B3XF | 83.8 | 5.8 | 60.0 | 530.3 |
| DP 17R820 B3XF | 70.0 | 5.0 | 52.5 | 525.5 |
| DP 1820 B3XF | 65.0 | 4.0 | 41.3 | 1,017.0 |
| DP 1823 NR B2XF | 73.8 | 5.0 | 52.5 | 795.0 |
| DP 1835 B3XF | 88.8 | 5.8 | 60.0 | 618.3 |
| DP 1845 B3XF | 67.5 | 6.5 | 37.5 | 569.5 |
| DP 1851 B3XF | 66.3 | 5.0 | 46.3 | 592.8 |
| NG 3699 B2XF | 68.8 | 5.0 | 41.3 | 627.0 |
| NG 3729 B2XF | 52.5 | 6.5 | 25.0 | 601.8 |
| NG 3780 B2XF | 67.5 | 6.5 | 58.8 | 601.0 |
| NG 4689 B2XF | 63.8 | 6.5 | 45.0 | 487.0 |
| NG 4777 B2XF | 70.0 | 5.8 | 57.5 | 490.3 |
| NG 5007 B2XF | 53.3 | 5.0 | 51.3 | 552.8 |
| NG 5711 B3XF | 57.5 | 5.8 | 41.3 | 872.3 |
| PHY 300 W3FE | 60.0 | 5.8 | 58.3 | 557.0 |
| PHY 312 WRF | 66.3 | 5.8 | 55.0 | 523.8 |
| PHY 330 W3FE | 70.0 | 7.0 | 41.3 | 613.3 |
| PHY 340 W3FE | 67.5 | 7.3 | 52.5 | 640.3 |
| PHY 430 W3FE | 75.0 | 5.0 | 51.3 | 724.0 |
| PHY 440 W3FE | 78.8 | 6.5 | 51.3 | 557.0 |
| PHY 444 WRF | 71.3 | 5.0 | 52.5 | 689.8 |
| PHY 480 W3FE | 70.0 | 4.3 | 46.3 | 552.5 |
| PX 3A82 W3FE | 71.3 | 5.5 | 48.8 | 793.5 |
| PX 3A99 W3FE | 51.7 | 5.8 | 46.7 | 627.3 |
| PX 3B07 W3FE | 86.3 | 5.8 | 48.3 | 717.5 |
| PX 3B09 W3FE | 81.3 | 7.0 | 62.5 | 761.5 |
| PX 3C06 W3FE | 82.5 | 6.5 | 55.0 | 658.5 |
| PX 4A64 W3FE | 45.0 | 5.8 | 55.0 | 563.8 |
| PX 4A69 W3FE | 66.3 | 5.8 | 47.5 | 628.0 |
| PX 5B73 W3FE | 67.5 | 7.3 | 52.5 | 593.8 |
| PX 5C09 W3FE | 82.5 | 7.0 | 65.0 | 760.0 |
| PX 5D28B W3FE | 71.7 | 7.3 | 47.5 | 920.3 |
| SSG UA 114 | 68.3 | 5.8 | 41.7 | 325.8 |

| Variety | 0-100% scale | | 0-100% Canopy | Lint yield (lb/A) |
|-----------------|------------------------|-----------------------|--------------------------|-------------------|
| | Incidence ^a | Severity ^b | Defoliation ^c | |
| SSG UA 222 | 66.3 | 7.0 | 41.3 | 323.0 |
| ST 4949GLT | 75.0 | 5.8 | 30.0 | 617.5 |
| ST 5020GLT | 72.5 | 5.8 | 50.0 | 500.5 |
| ST 5122GLT | 63.3 | 5.5 | 52.5 | 679.5 |
| ST 5471GLTP | 57.5 | 5.0 | 51.7 | 666.3 |
| ST 5517GLTP | 83.8 | 5.8 | 56.3 | 698.8 |
| ST 5818GLTP | 82.5 | 7.0 | 65.0 | 760.0 |
| Min | 45.0 | 4.0 | 10.0 | 323.0 |
| Max | 88.8 | 7.3 | 65.0 | 1,017.0 |
| Average | 69.7 | 5.8 | 49.1 | 628.1 |
| <i>p</i> -value | 0.0003 | 0.0300 | <0.0001 | <0.0001 |
| CV | 18.3 | 25.0 | 27.7 | 22.4 |
| LSD | 18.5 | 2.1 | 18.9 | 197.0 |

^a Incidence was evaluated as the percentage of leaves exhibiting symptoms of target spot.

^b Severity was evaluated as the percent leaf surface area exhibiting symptoms of target spot.

^c Defoliation was evaluated as the lower crop canopy exhibiting defoliation as a result of target spot infection.