

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

Variety	0-100% scale		0-100% scale	
	Incidence ^a	Severity ^b	Canopy defoliation ^c	Lint yield (lb/A)
AMX 1801 B3XF	60.0	8.0	36.3	1,581.9
AMX 1815 B3XF	33.3	4.3	31.3	1,455.0
AMX 1816 B3XF	60.0	9.5	28.8	1,549.0
AMX 1817 B3XF	26.7	6.3	27.5	1,717.5
AMX 1818 B3XF	58.8	10.3	46.3	1,654.6
AMX 1819 B3XF	58.8	8.3	35.0	1,655.6
BX 1973GLTP	63.3	9.0	36.7	1,541.1
BX 1974GLTP	50.0	8.8	26.7	1,536.0
BX 1975GLTP	65.0	11.3	42.5	1,772.3
BX 1976GLTP	71.3	11.3	45.0	1,800.7
CG 3527 B3XF	65.0	8.0	45.0	1,836.8
CG 9608 B3XF	62.5	11.3	45.0	1,896.2
CPS 18501-C	65.0	10.8	42.5	1,691.5
CPS 18502-C	65.0	10.0	41.3	1,795.1
CPS 18503-D	62.5	11.3	46.3	1,744.9
CPS 18507-D	61.3	10.8	42.5	1,827.5
CPS 18R817	65.0	13.0	45.0	1,635.3
CPS 18R827	61.3	10.3	41.3	1,934.8
DG 1702 GLT	62.5	11.3	41.3	1,703.5
DG 3214 B2XF	58.8	10.8	38.8	1,785.7
DG 3385 B2XF	62.5	13.5	46.3	1,909.9
DG 3433 B2XF	65.0	10.8	42.5	1,691.5
DG 3526 B2XF	65.0	10.0	41.3	1,795.1
DP 1518 B2XF	58.3	8.0	40.0	1,734.8
DP 1555 B2RF	46.3	7.8	33.8	1,900.3
DP 1646 B2XF	50.0	7.5	30.0	1,987.0
DP 1725 B2XF	52.5	8.3	36.3	1,948.6
DP 17R818 B3XF	65.0	10.0	40.0	1,724.4
DP 17R820 B3XF	36.7	5.8	25.0	1,833.2
DP 1820 B3XF	63.8	5.7	43.3	1,811.7
DP 1823 NR B2XF	72.5	10.8	47.5	1,780.9
DP 1835 B3XF	76.3	8.8	47.5	1,695.1
DP 1845 B3XF	58.8	7.0	31.3	1,781.3
DP 1851 B3XF	61.3	11.3	43.8	1,949.0
NG 3699 B2XF	45.0	9.0	25.0	1,486.8
NG 3729 B2XF	56.3	8.0	30.0	1,587.4
NG 3780 B2XF	72.5	13.8	48.3	1,874.0
NG 4689 B2XF	68.8	10.7	45.0	1,816.4
NG 4777 B2XF	56.3	8.3	37.5	1,701.6
NG 5007 B2XF	56.3	10.8	37.5	1,654.7
NG 5711 B3XF	70.0	8.8	43.8	1,672.9
PHY 300 W3FE	67.5	11.0	41.3	1,789.0
PHY 312 WRF	58.8	10.8	38.8	1,785.7
PHY 330 W3FE	62.5	13.5	46.3	1,909.9
PHY 340 W3FE	65.0	10.8	42.5	1,691.5
PHY 430 W3FE	65.0	10.0	41.3	1,795.1
PHY 440 W3FE	62.5	11.3	46.3	1,744.9
PHY 444 WRF	61.3	13.0	41.3	1,572.0
PHY 480 W3FE	63.8	10.3	42.5	1,924.9
PX 3A82 W3FE	61.3	9.0	33.8	1,773.7
PX 3A99 W3FE	56.3	11.3	40.0	1,807.7
PX 3B07 W3FE	46.7	10.3	36.3	1,736.0
PX 3B09 W3FE	55.0	10.0	36.3	1,776.4
PX 3C06 W3FE	55.0	12.0	35.0	1,823.9
PX 4A64 W3FE	65.0	11.0	41.3	1,821.3
PX 4A69 W3FE	58.8	10.0	38.8	1,798.3
PX 5B73 W3FE	65.0	10.8	42.5	1,691.5
PX 5C09 W3FE	53.8	10.0	37.5	1,853.9
PX 5D28B W3FE	71.3	11.3	48.8	1,801.5
SSG UA 114	63.8	8.8	40.0	1,778.4

Variety	0-100% scale		0-100% Canopy	
	Incidence ^a	Severity ^b	Defoliation ^c	Lint yield (lb/A)
SSG UA 222	67.5	7.5	40.0	1,720.9
ST 4949GLT	66.3	11.3	40.0	1,632.4
ST 5020GLT	58.8	10.0	32.5	1,829.3
ST 5122GLT	56.3	10.3	33.8	1,765.1
ST 5471GLTP	55.0	9.3	41.3	1,829.6
ST 5517GLTP	55.0	11.5	40.0	1,668.0
ST 5818GLTP	53.8	10.0	37.5	1,853.9
Min	26.7	4.3	25.0	1,455.0
Max	76.3	13.8	48.8	1,987.0
Average	59.8	9.9	39.3	1,755.6
<i>p</i> -value	<0.0001	<0.0001	<0.0001	<0.0001
CV	18.6	27.4	20.6	9.8
LSD	16.0	3.8	11.7	241.9

^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.