

Response of the cotton varieties in the 2018 Mississippi State University Official Variety Trial to inoculation with the bacterial blight bacterium.

Variety	Response	Variety	Response
AMX 1801 B3XF	MR	NG 3699 B2XF	R
AMX 1815 B3XF	R	NG 3729 B2XF	S
AMX 1816 B3XF	S	NG 3780 B2XF	MS
AMX 1817 B3XF	S	NG 4689 B2XF	R
AMX 1818 B3XF	R	NG 4777 B2XF	R
AMX 1819 B3XF	MR	NG 5007 B2XF	S
BX 1973GLTP	S	NG 5711 B3XF	R
BX 1974GLTP	S	PHY 300 W3FE	R
BX 1975GLTP	S	PHY 312 WRF	MS
BX 1976GLTP	R	PHY 330 W3FE	R
CG 3527 B3XF	MS	PHY 340 W3FE	R
CG 9608 B3XF	S	PHY 430 W3FE	R
CPS 18501-C	R	PHY 440 W3FE	MR
CPS 18502-C	R	PHY 444 WRF	MS
CPS 18503-D	R	PHY 480 W3FE	R
CPS 18507-D	S	PX 3A82 W3FE	R
CPS 18R817	S	PX 3A99 W3FE	R
CPS 18R827	S	PX 3B07 W3FE	R
DG 1702 GLT	R	PX 3B09 W3FE	R
DG 3214 B2XF	MS	PX 3C06 W3FE	R
DG 3385 B2XF	S	PX 4A64 W3FE	R
DG 3433 B2XF	S	PX 4A69 W3FE	R
DG 3526 B2XF	S	PX 5B73 W3FE	R
DP 1518 B2XF	R	PX 5C09 W3FE	R
DP 1555 B2RF	S	PX 5D28B W3FE	R
DP 1646 B2XF	MR	SSG UA 114	R
DP 1725 B2XF	S	SSG UA 222	R
DP 17R818 B3XF	R	ST 4949GLT	S
DP 17R820 B3XF	S	ST 5020GLT	R
DP 1820 B3XF	R	ST 5122GLT	MS
DP 1823 NR B2XF	S	ST 5471GLTP	R
DP 1835 B3XF	MS	ST 5517GLTP	R
DP 1845 B3XF	R	ST 5818GLTP	MS
DP 1851 B3XF	R		

Response is presented as a letter assessment based on the percentage of plant material exhibiting disease post-inoculation. Responses were assessed as **S** = susceptible, **MS** = moderately susceptible, **MR** = moderately resistance, and **R** = resistant based on the observational response of each variety in a replicated variety trial planted in Stoneville, MS. Plants were inoculated with the bacterium that causes bacterial blight and evaluated for the incidence, severity and defoliation that resulted from bacterial blight. Responses listed above are based on disease incidence as evaluated on a 0-100% scale.