

Response of the cotton varieties in the 2020 Mississippi State University Official Variety Trial to inoculation with the bacterial blight bacterium at Stoneville, MS.

Variety	Response	Variety	Response
AMX 19A014 B3XF	S	DP 2020 B3XF	R
AMX 19A015 B3XF	MS	DP 2038 B3XF	R
AMX 19A016 B3XF	S	DP 2055 B3XF	S
AMX 19A018 B3XF	R	DP 2115 B3XF (19R113 B3XF)	S
AMX 19B001 B3XF	S	DP 2127 B3XF (19R227 B3XF)	S
AMX 19B003 B3XF	S	NG 3522 B2XF	S
Armor 2910 B3XF (CP 9210 B3XF)	R	NG 3729 B2XF	S
Armor 9371 B3XF (CP 20XAP B3XF)	MR	NG 3930 B3XF	MR
Armor 9608 B3XF (CP 9608 B3XF)	S	NG 4098 B3XF	R
Armor 9871 B3XF (CP 20XG9 B3XF)	R	NG 4936 B3XF	MS
BX 2151GLTP	S	NG 5711 B3XF	R
BX 2191B3XF	S	PHY 332 W3FE (PX3D32W3FE)	R
BX 2192B3XF	S	PHY 350 W3FE	R
BX 2193B3XF	R	PHY 360 W3FE	R
BX 2194B3XF	S	PHY 390 W3FE	R
DG 3317 B3XF	S	PHY 400 W3FE	R
DG 3427 B3XF	S	PHY 443 W3FE (PX3D43W3FE)	R
DG 3456 B3XF	S	PHY 500 W3FE	R
DG 3520 B2XF	R	PHY 545 W3FE (PX5C45W3FE)	R
DG 3526 B2XF	S	PHY 580 W3FE	R
DG 3615 B3XF	R	PX4B08W3FE	R
DG 3635 B2XF	S	PX5E28W3FE	R
DG 3799 B3XF	R	PX5E34W3FE	R
DP 19R132 B3XF	R	SSG CT114	R
DP 1646 B2XF	MR	SSG UA222	R
DP 1725 B2XF	S	ST 4480B3XF	R
DP 1845 B3XF	R	ST 5600B2XF	S
DP 2012 B3XF	R	ST 5610B3XF	S

Information listed in parentheses relates to the experimental name of the specific cotton variety.

Response is presented as a letter assessment based on the percentage of plant material exhibiting disease post-inoculation. Variety responses listed above are based on disease incidence following inoculation with the bacterial blight causal organism and based on evaluations of observable disease incidence on a 0-100% scale. 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 and severity that resulted from bacterial blight.