

Response of the cotton varieties in the 2021 Mississippi State University Official Variety Trial to inoculation with the bacterial blight bacterium at Stoneville, MS.

Variety	Response	Variety	Response
Armor 9371 B3XF	MR	NG 4936 B3XF	R
Armor 9608 B3XF	S	NG 5150 B3XF	S
Armor 9831 B3XF	R	NG 5711 B3XF	R
DG 3317 B3XF	S	AMX20B037 B3XF	R
DG 3456 B3XF	S	PHY 332 W3FE	R
DG 3469 B3XF	R	PHY 360 W3FE	R
DG 3520 B2XF	R	PHY 390 W3FE	R
DG 3535 B3XF	S	PHY 400 W3FE	R
DG 3555 B3XF	R	PHY 411 W3FE (PX4B08)	R
DG 3644 B3XF	S	PHY 443 W3FE	R
DP 1646 B2XF	R	PX 1130A329-04 W3FE	R
DP 2012 B3XF	R	PX 1140A383-04 W3FE	R
DP 2020 B3XF	R	PX 1140A385-04 W3FE	R
DP 2038 B3XF	R	SSG UA 114	R
DP 20R733 B3XF	S	SSG UA 222	R
DP 20R734 B3XF	R	ST 4990 B3XF	S
DP 20R744 B3XF	R	ST 4993 B3XF	R
DP 20R745 B3XF	R	ST 5091 B3XF	S
DP 2115 B3XF	S	BX 2295 B3XF	R
DP 2127 B3XF	S	BX 2296 B3XF	MS
NG 3195 B3XF	S	BX 2297 B3XF	MS
NG 4190 B3XF	S	BX 2298 B3XF	R

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.