

Response of the cotton varieties in the 2022 Mississippi State University Official Variety Trial to inoculation with the bacterial blight bacterium at Stoneville, MS.

<b>Variety</b>	<b>Response</b>	<b>Variety</b>	<b>Response</b>
Armor 9371 B3XF	MS	DP 2141NR B3XF	S
Armor 9831 B3XF	R	DP 2143NR B3XF	S
BX 2392 B3XF	S	DP 2239 B3XF	S
BX 2394 B3XF	S	NG 3195 B3XF	S
BX 2396 B3XF	S	NG 3299 B3XF	R
BX 2398 B3XF	S	NG 4190 B3XF	S
DG 3456 B3XF	S	PHY 332 W3FE	R
DG 3511 B3XF	R	PHY 360 W3FE	R
DG 3519 B3XF	R	PHY 390 W3FE	R
DG 3535 B3XF	S	PHY 400 W3FE	R
DG 3555 B3XF	R	PHY 411 W3FE	R
DG 3615 B3XF	R	PHY 443 W3FE	R
DG 3799 B3XF	R	PX 1130B333-04 W3FE	R
DP 1646 B2XF	MR	PX 1130B336-04 W3FE	R
DP 2012 B3XF	R	PX 1140A383-04 W3FE	R
DP 2020 B3XF	R	PX 1140B373-04 W3FE	R
DP 2038 B3XF	R	ST 4595B3XF	S
DP 20R733 B3XF	R	ST 4990B3XF	MS
DP 2115 B3XF	S	ST 5091B3XF	S
DP 2127 B3XF	S		

Response is presented as a letter assessment based on the percentage of disease post-inoculation as observed throughout the entire plot of each variety. 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 (n=4 replicate plots of each variety). Plants were inoculated with the bacterium that causes bacterial blight and evaluated for the incidence and severity that resulted from bacterial blight.