

Response of the cotton varieties in the 2024 Mississippi State University Official Variety Trial to inoculation with the bacterial blight bacterium at Stoneville, MS.

Variety	Response	Variety	Response
Armor 24X951 B3TXF	R	NG 3195 B3XF	S
Armor 24X954 B3TXF	S	NG 3457 B3XF	R
Armor 24X955 B3TXF	R	NG 4405 B3TXF	R
Armor 9371 B3XF	S	NG 5430 B3XF	S
23R9128B3TXF	R	PHY332 W3FE	R
23R9143B3TXF	S	PHY360 W3FE	R
23R9822B3TXF	R	PHY400 W3FE	R
23R9918B3TXF	S	PHY411 W3FE	R
DP 2115 B3XF	S	PHY415 W3FE	R
DP 2127 B3XF	S	PHY443 W3FE	R
DP 2141NR B3TXF	S	PHY475 W3FE	R
DP 2211 B3TXF	S	PX1130F309-04 W3FE	R
DP 2328 B3TXF	MR	PX1140F329-04 W3FE	R
DP 2333 B3XF	R	PX1140F330-04 W3FE	R
DP 2414 B3TXF	S	PX1140F331-04 W3FE	R
DG 3503 B3XF	S	PX1150F357-04 W3FE	R
DG 3511 B3XF	R	PX1150F360-04 W3FE	R
DG 3519 B3XF	MS	PX1150F361-04 W3FE	R
DG 3528 B3XF	R	BX2515AXTP	R
DG 4434 B3TXF	R	BX2531AXTP	R
DG 4530 B3TXF	S	BX2533AXTP	R
AMX12526 B3XF	S	BX2555AXTP	R
AMX12572 B3TXF	S	BX2556AXTP	R
AMX12502 B3TXF	S	BX2557AXTP	R
AMX12507 B3TXT	R	ST6000AXTP	R

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.