

**DEVELOPMENT OF UPLAND COTTON PLANTS HIGHLY RESISTANT TO THE RENIFORM
NEMATODE FROM THE G. HIRSUTUM X G. THURBERI X G. LONGICALYX HYBRID**

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Abstract

This paper presents the pathway followed to produce cotton plants highly resistant to *Rotylenchulus reniformis* from the creation of the *G. hirsutum* x *G. thurberi* x *G. longicalyx* hybrid to the production of F1BC3 plants. The determinism and the origin of the possible sources of resistance introgressed in upland cotton from the trispecific hybrid are discussed.