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**REACTION OF SELECTED SUGARCANE VARIETIES TO
HETERODERA SACCHARI LUC & MERNY AND RELATED
HISTOLOGICAL CHANGES INDUCED IN ROOTS**

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Abstract

The reaction of 20 selected sugarcane varieties to *Heterodera sacchari* infection and the related histological changes induced in roots were investigated. Sugarcane varieties Mex 52/29, Co 440, D 47/15, B 57175, Co 691 and Q 70 were moderately resistant; B 6604 was susceptible and DB 5155, Co 997, BR 6223, DB 20/58, B 61208, B 5992, B 4681, Dacca, CP 29/116, CP 36/111, Co 396, Co 443, Co 453 were highly susceptible. *H. sacchari* induced multinucleate giant cells caused sever damage to epidermis and cortical cells.