

Multiple regression and relationship between variables for sugarcane production

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Abstract: We fit a model using cane yield (TCH) as a response to four predictor variables. Multiple regression coefficients estimate of PMC and NC were 0.81 and 0.85, respectively ($p < 0.05$). The results indicate that PMC and NC are the most important variables in the determination of TCH.

Keywords: number of stalks; indirect selection; plant breeding.

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