

ESTIMATION OF SUGARCANE TONNAGE BEFORE HARVEST
USING MODIFIED FORM OF "PHILSUCOM" EQUATION

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The objective of the study is to estimate the yield of a cane crop one month before harvesting by fitting an equation which relates yield to other parameters. The Simple Random Sampling procedures (without replacement) was carried out to predict the yield of a cane crop before harvest. According to this method 4mX4m square type plot could be utilized to estimate yield more efficiently, economically and precisely. In R.B.E. Soils at least 8 plots for an area which is not less than 1.5 hectares and 10 plots for area which falls between 1.5 to 3.5 hectares have to be surveyed in order to estimate yield. Sample size has to be increased for large areas.