EVALUATION METHOD OF THE DUPLICATIONS COEFFICIENT IN THE RUBBER BREEDING[1]

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This study was conducted with the objective to test various repeatibility coefficient estimation procedures, as were as to determine the adequate number of production minitests in the selection of superior genotipic plants in rubber tree nursery. There were used three minitests in plants of open polinization of RRIM 600 clonals and the repeatibility coefficients were estimated considering the variance analysis techiques and principal components following the methodology presented by Mansour et al.(1981). The equation which relates the three production minitests explained about 87% of the existing variation among them. The repeatability coefficients calculed through the principal components of the correlation matrix were slightly superior to the others obtained through the other processes.