

6. A preliminary note on intervarietal correlation in the rice plant in Bengal.

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Mean measurements of a number of characters for 147 varieties of rice plant grown on Dacca farm sent by Mr. Sharngapani of the Bengal Agricultural Department have been studied in this paper. The mean yield is moderately correlated with the number of tillers per plant, the leaf-length and to a smaller extent with the exertion length and possibly also with the number of spikes per tiller. The mean yield appears to be, however, independent of the weight and size or shape of grains, the plant-height, the inflorescence length or duration and also of the colour of glumes and kernels or the consistency of the grains.