



RESEARCH NOTE

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Correlation and multiple regression studies in cauliflower (*Brassica oleracea* var. *botrytis* L.)

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ABSTRACT : The experiment on cauliflower cv. PUSHI was carried out to find out the correlation and multiple regression co-efficients among different characters. Yield was found to be highly significantly and positively correlated with all the ancillary characters viz., curd depth (0.9183), curd diameter (0.9053), weight of curd (0.8991), plant height (0.8897), weight of plant (0.8738) and plant girth (0.6861) the multiple regression co-efficients were found to be non significant due to multi collinearly between the characters. The step wise regression analysis showed that curd depths have highest contribution towards field followed by curd weight, curd diameter and plant height while the lowest contribution was due to plant girth and weight of plant.

KEY WORDS : Correlation, Regression, Cauliflower

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