



RESEARCH PAPER

Performance of different coriander genotypes for their growth and seed yield characters under northern transitional condition of Karnataka

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Abstract : Coriander (*Coriandrum sativum* L.) is an aromatic spice crop belonging to the family Apiaceae. One of the main reasons for low yield in coriander is due to non availability of region specific genotypes. There are no systematic studies on the performance of different genotypes of coriander for different agro climatic condition. Considering the importance of the crop, the present investigation was taken upto evaluate different coriander genotypes to find out the high yielding genotype and suitable varieties for transitional region of Karnataka. The experiment was conducted at HREC, Devihosur comprising of 21 genotypes with three replications and RCBD design was followed. The varieties exhibited significant differences for all the characters including seed yield in the experiment. DCC-68 recorded the highest seed yield per plant (5.93 g), per plot (290.73 g) and per hectare (15.82 q) and the lowest yield was recorded in DCC-72 (9.60 q).

Key Words : Growth, Seed yield, Genotypes, Coriander

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