RESEARCH ARTICLE

EFFECTS OF INDEPENDENT VARIABLES ON VARIOUS DEPENDENT FACTORS ON CORIANDER FLOWERS

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Abstract: A field experiment was undertaken to study the effect of weather parameters on the activity of various pollinators/visitors during 2018-19. Indian honey bee showed significant and negative correlation with minimum temperature (r= -0.750) and rock bee (r= -0.713) Italian bee (r= -0.715) whereas, the population of little bee showed significant positive correlation with maximum temperature (r= 0.764). The population of syrphid fly had exhibit significant and negative correlation with maximum temperature (r= -0.710). Evening relative humidity had positive and significant impact on the population of house fly (r= 0.739) and population of monarch butterfly exhibit significant and negative correlation with morning relative humidity (r= -0.757). Red cotton bug showed significant and negative correlation with maximum temperature (r= -0.738). The population of lady bird beetle exhibit significant and positive correlation with minimum temperature (r= 0.772).

Keywords: Coriander crop, Correlation, Independent and dependent variables, Pollinators/visitors, Weather parameter

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