Abstract

Six insecticides, belonging to the carbamate organo-phosphorus and pyretroid groups were variously tested for effective control of melon aphid, Aphis gossypii Glover, collected from the Central Jordan Valley. The seedling dip method was used LC50 values in active ingredients were estimated; aphid population response-susceptibility, homogeneity, heterogeneity to three insecticides were recorded, slop values for the three insecticides were accounted for. The susceptibility factor values, related to the manufacturer's recommended application rates, for all insecticides tested, were below 1 - control of the aphid could be done effectively by any of the insecticides tested at lower rates