In this study, side effect of insecticide called dimilin was investigated in the laboratory conditions to *Chilocorus bipustulatus* L. (Coleoptera:Coccinellidae), *Calosoma sycophanta* L. (Coleoptera: Carabidae), and *Apis mellifera* L. (Hymenoptera: Apidae).

As a positive control, a commercial chemical including diflubenzuron and if as a negative control, distilled water were used in the experiments. The applications were done the spraying method.

Experiment was checked on the 3rd, 5th, 7th, and 10th days after applications of chemical. According to results, dimilin and diflubenzuron were found to be ineffective to *C. bipustulatus*. Effects of insecticide based on 5th and 7th day’s counts grouped with control results showed statistically not significant on *C. sycophanta*. Similar situation were observed on *A. mellifera* applications. Results of insecticides and negative control were statistically found in the same group. In conclusions, dimilin found to be ineffective against beneficial insects.