SEASONAL POPULATION FLUCTUATION OF *Brevicoryne brassicae* (L.) (HEM., APHIDIDAE) AND ITS PARASITOIDE *Diaeretiella rapae* (M’Intosh) (HYM., BRACONIDAE) ON CANOLA IN WEST AZERBAIJAN

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Cabbage aphid of rape seed plants in Karim Abad and Shahin Abad were collected weekly and seasonal fluctuation of *Brevicoryne brassicae* and its natural enemy, *Diaeretiella rapae* were studied during 2003-2004. Sampling of aphid population dynamic and its parasitoid carried out weekly. In first year in Karim Abad and Shahin Abad regions the peak of aphid population was recorded in mid and last of May respectively.

In second year peak of aphid population in Karim Abad and Shahin Abad was recorded in 13 and 11 May respectively. Peak of parasitoid Density in Karim Abad and Shahin Abad was observed 20 and 17 May 2003 with number 55 and 49 respectively. In second year sampling was showed 186 and 183 in Karim Abad and Shahin Abad in 24 May and 8 Jun respectively.

Correlation between cabbage aphid and its parasitoid population in two years was significant at 1% probability and parasitoid population in both region and years was showed positive effect to reduce cabbage aphid.

**Keywords:** *Brevicoryne brassicae, Diaeretiella rapae, Population fluctuation, Canola*