This study was carried out to determine parasitization rates of Sunn Pest eggs and sucking rates in Usak wheat field in 2015-2016 years. In addition, it was determined whether or not there is relationship between this rates. According to the results, in 2015 -2016, it was obtained that the highest parasitization rates and sucking rates are 95.4%-1.60%, 90.7%-1.05% respectively. The difference between rates obtained from studied villages was determined by testing multiple comparison. The regression analyze that was carried out to determine whether or not there is a relationship between parasitization rate and sucking rate was found that there is a relationship between two variables.