Abstract
Extending culture of rape was accompanied by increased attacks by pests that are in full ascension. Reducing their production pests can reach 30-50%, and sometimes, in some years, it can be compromised by the total crop. Winter rape pests *Ceuthorrynchus quadridens* in the agricultural area of Bărgăunul de nord-est is proving to be the most damaging some years resulting in the destruction of the production of this crop of great economic importance. The period 2010 - 2011 surveys were conducted on population control this pest using plant protection products with different active substances to reduce attack by *Ceuthorrynchus quadridens* below economically damaging (PED) of winter rape.

**Key word**: winter rape, frequency, efficacy, insecticides, *Ceuthorrynchus quadridens*