



Studii privind dinamica microlepidopterelor din livezile de măr, cu ajutorul capcanelor feromonale, din zona București

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Using of pheromones in plant protection has proved in a short period of time, through numerous researches that were been done on different pest species, their role in integrated control system. The most important function from this point of view, it is the possibility through this tool in establishing the proper moments for applying of treatments. Through a permanent survey of pest population from orchards, pheromones could determine an evident reduction of number of chemical treatments or in some cases their absence. Pheromone presence in a certain agro ecosystem could also offer indication on presence of a particular pest, of their frequency of spreading, offering in these way elements for forecast of appearance in area in which pest was identified or in adjacent areas.

Methodology of establishing dynamics of pest's populations with pheromone traps has permitted introducing of mathematical models for calculation of generation number and determining economic importance of each pest generation during one year. Sexual synthetic pheromones are used in surveying and estimation of level of microlepidopterous pest from orchards and warning chemical treatment. In this paper we present results of researches done during the year 2006 in two apple orchards: Didactic Experimental Field of Orchard department from University of Agricultural Sciences and Veterinary Medicine - Bucharest and orchard from Research and Development Experimental Station - Baneasa.