

An analysis of the epizootic situation regarding the ectoparasites productive poultry in Ukraine

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In modern conditions, one of the most progressive livestock industries in Ukraine is the poultry industry, specializing in the cultivation of meat and egg cross chickens, turkeys, waterfowl, quail and ostriches. Among parasitic diseases registering etiology important role belongs to the diseases that cause parasitic insects and mites. Persistence among their livestock reduces the productivity and safety of poultry outbreaks of infectious and parasitic diseases, vectors and reservoirs of pathogens which are ectoparasites. Accordingly, the goal of our work during the 2010-2015 biennium parasitological research was to conduct poultry farms for the establishment of persistence among farmed livestock temporary and permanent ectoparasites (mallofag, mites and darkling beetles). Study of epizootic state of poultry farms was carried out by visual inspection of birds, industrial buildings, litter and process equipment in the poultry houses, followed by a microscope to identify the species identified ectoparasites. As a result, it was found that the problem of small household farms is the presence in the population of permanent ectoparasites, especially in farms where, together, comprise a multi-age birds and more outdoor practice content. In particular in chickens revealed mallofag species *Menopon gallinae*, *Menacanthus stramineus*, *Menacanthus cornutus*, *Goniocotes hologaster*, turkeys – *Menopon gallinae*, *Menacanthus stramineus*, ducks and geese – *Anaticola crassicornis*, ostriches – *Struthiolipeurus struthionis*. When the floor maintenance of broilers and laying hens in certain farms established persistence of darkling beetles *Alphitobius diaperinus*. Sporadically detected colony of red chicken mite *Dermanyssus gallinae*. At the same time, in poultry farms with industrial technology content, the biggest problem is the red chicken mite parasitism *Dermanyssus gallinae*. Populations of the mite was detected in farms with breeding ovigerous crosses bird, quail, waterfowl, regardless of the season. When conducting complex investigations, we have established a strong tendency to an increase in the tick population *Dermanyssus gallinae* in the industrial poultry sector in Ukraine. Despite the constant improvement of the control measures specified akaroz problem dermanisiosis in poultry in Ukraine remains unresolved and requires an immediate solution.

Keywords: red chicken mite, mallofagi, darkling beetles, poultry productivity.