

# **EFFICIENCY OF PLANT MEDICINE IN FORM OF AEROSOL FOR TREATMENT AND PREVENTION OF RESPIRATORY DISEASES IN CALVES.**

***Gomzikov O.M.***

***Piglets, natural resistance, immune status, proteflazid, coniferous chlorophil-carotine paste.***

During experimental study it has been determined for the first time that 0,5 % solutions of proteflazid and coniferous chlorophil-carotine paste in aerosol form show positive effect of above mentioned medicines on immune status has been proved for piglets during their aerosol administration, namely probable (deviation  $p < 0,05$ ) haemoglobin, leukocytes amount, total protein increase and growing tendency of phagocytosis index and increase of serum bactericidal activity in case of aerosol administration of 0,5 % solutions of proteflazid, and coniferous chlorophil-carotine paste. The aim - to prove experimentally the effectiveness of treatment and prophylactic aerosol proteflazidum and coniferous chlorophyll-karotynovoyi feed pigs with respiratory diseases.

Materials and methods. The object of the study was therapeutic and prophylactic efficacy of herbal preparations in aerosol respiratory disease of pigs. In the experimental work was Viko-rystano aerosols 0.3-0.5% -s solutions proteflazidum and coniferous chlorophyll-karotynovoyi paste. When conducting research epizootologich-abusing them, microbiological, biochemical, immunological, statistical methods.

Results. Acute respiratory disease of young farm animals is a subject of serious study in Ukraine and in many other countries, due to the increasing role in the etiology