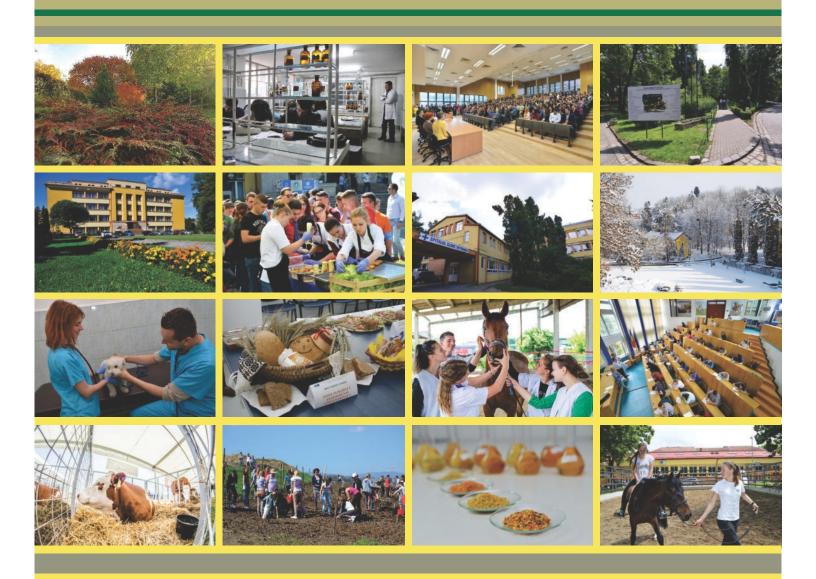
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THE 20th INTERNATIONAL CONFERENCE "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT"

23rd – 24th of September 2021 Cluj-Napoca, Romania

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SWINE DISEASES ON COMMERCIAL FARMS IN SERBIA

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Introduction: In large animal agglomerations, diseases can be observed according to the size of spreading, the type of causative agent, and its zoonosis or enzootic character. In intensive swine breeding, both infectious and multicausal etiology diseases can be encountered. Certain organs or organ systems can be affected.

Aims: The study aimed to establish the type and the frequency of swine diseases on commercial farms.

Materials and Methods: At two commercial farms, all swine were clinically examined (suckling piglets, weaners, fatteners, sows, and boars), and samples were taken from animals with health disorders. Feed samples were taken as well. The collected material was analyzed, and the results obtained were statistically processed.

Results: The following diseases were present on the commercial farms: colibacillosis, dysentery, edema disease, esophagogastric ulcer, PRDC, proliferative enteropathy of multicausal etiology, and some parasitosis.

Conclusion: The health condition of the swine herd depends on the housing conditions, the quality of the diet, and the application of prophylactic measures on the farm.

Keywords: commercial farm, herd disease, prophylactic measures, swine

References:

1. Bojkovski J., Savić B., Rogožarski D., Stojanović D., Vasiljević T., Apić I., Pavlović I. (2013). An outline of clinical cases of diseases in pigs at commercial farms. Proceedings of 23rd International Symposium "New Technologies in Contemporary Animal Production", Novi Sad, Serbia, 19-21 Jun, 163-166.

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