

ABSTRACT

Key words: Scientific research, zootechnical research, agriculture consulting, zootechnical farms, research units.

For Romania, agriculture is an absolute priority. This assertion is based on both natural and human resources of the Romanian agriculture, as well as on the social and economic functions, vital for this branch: providing food for the population, the raw materials for the industry and an active and profitable export of agri-food products, protecting the environment and the landscape, maintaining ecological balance, sustainable development of the rural space.

Agricultural science has seen an evolution in steps, where productivity has been greatly increased, but still insufficient compared to the needs of a growing population.

The objective of this thesis is the study of the contribution of scientific research in different phases of the development of agriculture in our country.

The doctoral thesis, entitled "STUDY ON THE DISSEMINATION OF RESEARCH RESULTS TO THE SCIENTIFIC LEVEL OF THE LIVESTOCK FARMS. CASE STUDY "is structured in seven chapters, each with a distinct concern but organically linked, what confers a unitary character study.

In Chapter 1, entitled "Scientific research-source of progress in agriculture", was conducted an analysis of agricultural scientific research activities that are closely related to the specifics of the scope and conditions for agri-environment; organization of agricultural research and its funding in other Member States of the European Union (France, Germany, Poland, Greece, etc.); institutional development of research in the field of livestock farming, both at national and European level; the evolution of research objectives in the field of livestock from 1927 until the present day and achievements relating to animal husbandry technologies.

In Chapter 2, "Peculiarities of Romanian agriculture" were touched aspects concerning : evolution of areas under cultivation; the number of agricultural holdings and the agricultural area; the structure of crops and production (total and average) on every culture; livestock and their productions; evolution of breeding holdings and the development of agricultural production in terms of value and per capita.

In Chapter 3, entitled "Consulting in agriculture" is presented the content, significance and role of consulting activity in agriculture, detailing the concept and organization of the

consulting activity in our country (history of consulting, setting up agricultural chambers, etc.); methods used in agricultural consulting as well as the beneficiaries of scientific research activity.

In Chapter 4, entitled "The purpose of the research and the research methods" are presented the study objectives, the work aimed at highlighting the defining issues for Romanian scientific research, as well as the particularities of agricultural scientific research activity, research results obtained in the field and the actions taken for the transfer of these results in the practice of livestock farmers.

In Chapter 5, "Dissemination of research results to the livestock farmers" I have prepared an extensive presentation of the results of scientific research in the field of livestock farming during 2010-2014. Thus, are presented the results obtained in cattle, sheep and goats, and the routes used by the research units for transfer of know-how in the zootechnical farms, which consisted of: biological creations, new technologies, demonstration batches, meetings with breeders, breeding animals delivered, practical demonstrations performed, publications, media interventions and consulting provided to livestock farmers.

In Chapter 6, "Efficiency of consulting activity. Case study-Calarasi County "is presented a case study in the Calarasi County, which has highlighted the effectiveness of the consultancy. Thus, following the collection of data obtained through the questionnaire developed for agricultural consultants and using SPSS program (statistical software for processing and interpretation of data from a time interval), the results were presented.

In Chapter 7, "General conclusions and recommendations" have been summarized the conclusions drawn from this paper, related to the problems of the Romanian scientific research and agricultural consulting, making a series of proposals to resolve them.