

DISSERTATION REVIEW

By Assoc. Prof. Dr. Julia Dobрева , VUZF

Dissertation for obtaining educational and scientific degree „**doctor**” (PhD)

In area of higher education 3. Social, economic and law sciences

Professional field 3.8. Economics

doctoral program “*Finance, insurance and social security*”

Author: Olesya Stanislavovna Bezpartochna

Topic: IMPROVING THE ORGANISATIONAL AND FINANCIAL MECHANISM FOR ECONOMIC DIAGNOSTICS IN AGRICULTURAL ENTERPRISES IN UKRAINE

SUPERVISOR: Prof. D. Sc. Igor Britchenko

1. General description of the submitted materials

By Order № 80 of 24.03.2021 of the Rector of the Higher School of Insurance and Finance Assoc. Prof. Dr. Grigoriy Vazov I was appointed a member of the scientific jury for providing a procedure for defence of a dissertation on the topic of **Improving the organisational and financial mechanism for economic diagnostics in the agricultural enterprises of Ukraine**. for obtaining the educational and scientific degree "Doctor" in the field of higher education 3. Social, economic and law sciences, Professional field 3.8. Economics, doctoral program "Finance, Insurance and Social Security". The author of the dissertation is Olesya Bezpartochna - PhD student at the Department of Finance with supervisor Prof. D.Sc. Igor Britchenko from the Higher School of Insurance and Finance.

The materials submitted by Olesya Bezpartochna include documents according to the submitted inventory: CV, copy of the diploma for the acquired educational qualification degree "Master", abstract in Bulgarian and Russian, dissertation, reference for fulfilment of the minimum national requirements, summaries of the publications and references.

The doctoral student has attached 9 scientific publications on the topic, of which 2 articles, 4 reports (one co-authored) and 5 chapters from collective monographs, all of which co-authored.

2. Brief biographical data about the doctoral student

Olesya Bezpartochna was born on January 30, 1980 in Poltava, Ukraine. She graduated with a bachelor's degree in geodesy and cartography from Kremchug National University, after which she specialized in finance and credit at the Poltava Institute of Economics and Law. Since 2019 she has been an assistant professor at the Department of Economics and Marketing at National Aerospace University, Ukraine.

3. Topicality of the topic and expediency of the set goals and objectives

The dissertation presented for review with title *Improving the organisational and financial mechanism for economic diagnostics of agricultural enterprises in Ukraine* by Olesya Bespartochna sets itself the ambitious task of proposing a mechanism for solving an important problem, *namely the need for constant monitoring of the state of the internal environment in order to make effective management decisions and develop reliable forecasts for future development*. For the effective operation of the companies in this sector the access to resources is important, as well as the internal and external environment, the degree of development of the agricultural sector and the current normative legislation. Therefore, the in-depth study of the organisational and financial mechanisms for economic diagnostics has an important role in the development of the sector and this makes the dissertation important for scientific and practical research in this field.

4. Knowledge of the problem

The author has clearly formulated the subject, goals and objectives of the study. The main goal is to prepare an in-depth theoretical and methodological analysis of the process of improving the organisational and financial mechanisms for economic diagnostics of agricultural enterprises and to develop practical guidelines for improving the efficiency of these business units.

5. Research methodology

In the course of the research the following general scientific and special research methods were applied:

systems theory, operations research, economic, mathematical and statistical methods (comparison, analysis, synthesis, grouping, etc.) - in carrying out economic diagnostics of the efficiency of economic activity of agricultural enterprises in Ukraine;

economic and mathematical modeling - in forecasting the future state of agricultural enterprises in Ukraine;

graphical methods using information technology and the capabilities of software products for Microsoft Excel spreadsheets - in determining the dynamics of economic indicators and the dependence of values;

field research and survey method - in studying the elements of the information system and the types of management and information risks in the process of making management decisions in agricultural enterprises in Ukraine;

scoring system - when evaluating sources of information that are proposed to be used in the process of economic diagnostics by agricultural enterprises of Ukraine;

calculation and constructive method - in determining the ratio of the volumes of use of each type of information in the process of economic diagnostics of agricultural enterprises in Ukraine.

The chosen research methodology to a large extent allows to achieve the set goal and to obtain an adequate answer to the tasks solved in the dissertation.

6. Characteristics and evaluation of the dissertation

The dissertation consists of 247 pages, incl. introduction, three chapters, conclusion, used literature, lists of used abbreviations, graphs and tables. The exhibition presents 36 tables, 19 figures, 29 formulas and 1 appendix. The bibliography contains 248 sources (including books, articles, periodicals and non-periodic statistical and other publications, reports and online sources).

The dissertation is appropriately structured in three main chapters / sections:

Section 1 Theoretical bases and methodical principles for research of the activity of the agricultural companies

Section 2 Status and evaluation of the efficiency of diagnostics of agricultural enterprises

Section 3 Improvement of the organisational and financial mechanisms for economic diagnostics of agricultural enterprises

Especially valuable here is the developed algorithm for studying the provision of information for the purposes of organisational and financial mechanisms for economic diagnostics. It consists of three main stages:

the first stage is to select information resources with external and internal sources, both accounting and non-accounting, which constitute the primary analytical data (accounting and statistical reporting of the enterprise);

in the second stage, the data become analytical information needed to make effective management decisions;

in the third stage the information is analyzed and used for making forecasts and developing alternatives and making management decisions.

A large number of schemes, diagrams and tables have been developed, in which the methods and sources for the purposes of the algorithm described above have been synthesized, including the risks in performing the diagnostics of the processes: political, economic, managerial-informational, financial, investment. Significant financial data on the indicators for evaluation of the management and information system of 10 enterprises in Ukraine were processed. The data are current as of 2018 and 2019. The author's contribution is clearly traceable and distinctive. The thesis is defended that **the management system of agricultural enterprises needs constant improvement of the methodological approach to economic diagnostics by taking into account the factors of the external and internal environment, the state of the economy, the specifics of agricultural production, the impact of competition and change in the normative-legislative base.**

It is noteworthy that the author has independently developed a scheme of organisational and financial mechanism for economic diagnostics of the efficiency of economic activity of agricultural enterprises, which consists of 5 stages, the most important of which is the adaptation of enterprises to the changing environment. Several models have been developed independently by the author, among which are:

1. Scheme of the process of forecasting the state of economic activity and development of agricultural enterprises;
2. Structural scheme of the economic diagnostics of the resource potential, taking into account the innovative support of the economic process of the agricultural enterprises;
3. Algorithm for formation of the information security of the economic diagnostics of the agricultural enterprises

4. Comprehensive information provision for the stages of making management decisions by the management of agricultural enterprises

5. Requirements for information provision of economic diagnostics of agricultural enterprises in Ukraine.

A particularly valuable contribution is **the justified need for innovative provision of the process of economic diagnostics**, as the respective components of the resource potential are proposed. A study of agricultural enterprises in Ukraine was conducted for their investment support and increase in production and sales of products by updating the technical and technological base and the introduction of modern advanced technologies. The results of the survey show that there is low innovation activity in agricultural enterprises in Ukraine, as well as a reduction in the effectiveness of innovation management measures. Also, the author justifies the need to develop and implement a mechanism for the formation of marketing support for economic diagnostics of agricultural enterprises, which will allow businesses to form a high-quality information base for making sound management decisions.

7. Contributions and significance of the development for science and practice

A section with conclusions and contributions of the dissertation has been formed, in which 23 conclusions are listed, among which the most important are:

1. The theoretical foundations of economic diagnostics and the category apparatus are considered

1. In the process of systematisation of the research information base it has been established that the modern diagnostics is manifested in informational, analytical, dynamic and functional aspects.

2. Diagnosis of the economic efficiency of the economic activities of the enterprise, aimed at improving the existing methodological tools for evaluation and development of new methods, taking into account the requirements of the management system and the factors for monitoring internal and external environment.

3. Using the tools of economic diagnostics, an assessment of the efficiency of the economic activities of agricultural enterprises of Ukraine has been carried out.

4. The conducted research on the methodological aspects of economic diagnostics shows the need to use logical models for business optimization of agricultural enterprises.

5. A scheme / set of mechanisms for improving the economic diagnostics of agricultural enterprises is proposed.

8. Evaluation of the publications on the dissertation

The presented publications are a total of 11 issues, of which 2 articles, 4 reports, 5 chapters from books / collective monographs.

Publications can be classified as follows:

- articles in indexed editions / magazine of VUZF - 2 issues; 4 reports at international conferences and 5 chapters from collective monographs, 2 of which are editions of VUZF - St. Gregory the Theologian, and the other 3 at the Higher School of Economics and Social Sciences, Ukraine;
- 10 of the presented publications are in English, 1 publication is in Russian;
- 5 of the publications are independent, 2 publications are co-authored with 1 author, 2 publications are co-authored with 2 authors and 2 publications are co-authored with 3 or more co-authors.

9. Assessment of compliance with the minimum national requirements

According to the verification of the reference submitted for fulfillment by the doctoral student of the minimum national requirements for acquiring the educational and scientific degree “Doctor” in the professional field 3.8. Economics found that a total of 126 points were collected. Thus, the minimum national requirements should be considered as fulfilled.

10. Personal participation of the doctoral student

The dissertation is an independent and completed study. The theoretical and practical developments, conclusions and recommendations presented in the dissertation are independently prepared by the doctoral student, and from the scientific works published in co-authorship, the dissertation uses only those parts that are the result of personal research.

11. Abstract

The presented Abstract has a comprehensive content and quality. It is prepared according to the requirements and reflects the main results achieved in the dissertation.

12. Critical remarks and recommendations

I have no comments on the content. Separation protocols for joint publications have not been submitted.

13. Personal impressions

I do not know the doctoral student and I have no personal impressions, but from the presented materials I believe that she is precise, demanding, ambitious and purposeful, with attention to detail and a distinct affinity for research.

14. Recommendations for future use of dissertation contributions and results

I recommend using the dissertation as a basis for publishing a book that reaches a wider range of readers.

CONCLUSION

The dissertation *contains scientific, scientific-applied and applied results, which represent an original contribution to science and meets all the requirements* of the Law for development of the academic staff in the Republic of Bulgaria (ZRASRB) and the Regulations for application of ZRASRB. The presented materials and dissertation results fully comply with the specific requirements of the Regulations for admission and training of doctoral students at the Higher School of Insurance and Finance.

The dissertation shows that the doctoral student has in-depth theoretical knowledge and professional skills in Professional field 3.8. Economics, by demonstrating qualities and skills for independent research.

Due to the above, I confidently give my positive assessment of the research presented by the above-reviewed dissertation, abstract, results and contributions, and *I invite the esteemed scientific jury to award the educational and scientific degree 'Doctor'* to Olesya Bezpartochna in the field of higher education 3. Social, economic and legal sciences; Professional field 3. 8. Economics; doctoral program "Finance, Insurance and Social Security".

01.05. 2021

Reviewer: Assoc. OProf. Dr. Julia Dobrevá