

REVIEW OF THE OFFICIAL REVIEWER

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for **Zhang Fenghe's** dissertation «**Mechanisms of regulation of world agricultural markets in the context of globalization**»,

applied for the degree of Doctor of Philosophy

from the field of knowledge 07 Management and administration

in the specialty 073 Management

Relevance of the dissertation topic. Today, the world's agricultural trade is highly valued by countries around the world due to its involvement in basic issues such as national food security and social stability. As an important component of world commodity trade, agricultural product trade varies in different regions due to differences in economic policies and natural resource endowments among countries. However, agricultural product trade has a certain degree of stability. Therefore, in this context, it is necessary to study the trade data of major agricultural product markets in the world, reveal the current situation of agricultural product trade, explore the factors that affect agricultural product trade, and propose strategic decisions to promote agricultural trade in different regions and the development of trade in different agricultural product categories. This is the relevance of the selected topic.

Connection of work with scientific programs, plans, themes. The research paper was conducted within the framework of the China Social Science Foundation project 19BJY44; Henan Provincial Science and Technology Research Program Project Number: HNKJ-2024-00410185.

Validity and novelty of research results. The scientific novelty of research is inherent in various parts of a paper. The scientific novelty results obtained are based on theoretical foundations and authoritative data as research objects, proposing scientific, practical, and systematic development suggestions, and providing suggestions for the development of world agricultural trade.

For the first time the author:

1. Based on the perspective of globalization, the research perspective is relatively broad. Selecting agricultural product trade data from 2011 to 2020, the trade scale and development of the global agricultural product market are dynamically displayed through charts. This is different from previous studies that only studied agricultural product trade from one or more markets, one or more types of agricultural products;

2. Using system analysis and empirical testing, apply two research paths: from the agricultural product market to the research path of agricultural products. What agricultural products are produced and what kind of agricultural product industry structure has been established. The research path from specific agricultural products to agricultural product markets analyzes the main import and export trade markets, trade scale, and trade flow of one or more types of agricultural products. A comprehensive analysis of agricultural product trade has been conducted, which makes up for the limitations of studying agricultural products only from the agricultural product market or a certain category of agricultural products in the past;

3. Through research and analysis of the global agricultural market and key agricultural product production, the author believes that promoting agricultural technological progress, optimizing agricultural industrial structure, and adopting active and effective government policies are all effective measures to expand agricultural trade.

Practical significance of the obtained results. This study combines the characteristics and current situation of agricultural product trade, analyzes the international trade import and export volume of various agricultural products, as well as the agricultural product trade situation of major continents and major agricultural product trading countries around the world. It explores the factors that affect the development of agricultural product trade, such as natural resource endowment and industrial structure composition. The formulation of international trade policies for agricultural products must be based on a foundation that is conducive to the comprehensive and balanced development of the agricultural industry and the national

economy. This has important practical significance for the healthy development of international trade in agricultural products.

The theoretical significance of the work is that given in the dissertation scientific and applied developments can be used by acquirers of different levels of higher education in the process of conducting scientific research. The practical and theoretical significance of the scientific results corresponds to the requirements of the Ministry of Education and Science of Ukraine for dissertation studies.

Complete presentation of the main results of the dissertation. The main results of the paper have been published in 7 professional scientific publications in Ukraine, of which 4 have been published in the Web of Science Core Collection and/or Scopus database. Two articles were published in international scientific journals and five scientific conference reports.

Characterizing the structure and content of the reviewed dissertation, one should note that the work contains an introduction, three main sections, conclusions, references, and appendices. A brief description of the work's main content and the research results are presented in the abstract. The main text of the work is laid out on 268 pages, which also contains tables and legends for studying trade data, which complement the presentation of the author's text and illustrate the obtained scientific results. The research used a significant number of scientific sources – 87, which testifies to the validity and reliability of the obtained results.

The introduction to the dissertation contains an overview of the relevance and main elements of scientific research: goals, tasks, object and subject, and research methods. The introduction also describes the author's scientific results and their practical significance.

The first part applies trade research theories such as factor endowment theory to analyze the trade status of different types of agricultural products and markets, identify the factors that affect trade development, and find ways to promote trade development. In this way, agricultural product markets in different countries (regions) around the world can achieve the development of agricultural product trade.

The second part confirms through statistical analysis of the World Food and Agriculture Organization database and the United Nations Commodity Trade Standards database that there are significant differences in the types of agricultural products imported or exported from different markets in different regions. The natural resource endowment, economic development, and government policies in different regions have a significant impact on the demand for agricultural product imports and exports.

The third part specifically studies the agricultural trade situation between Ukraine and China, using RCA index and TCI index to analyze the competitiveness and complementarity of agricultural trade between the two countries, proving that there is strong complementarity in agricultural trade between the two countries. China is the largest market for Ukrainian agricultural exports. There will be greater cooperation and development space in agricultural product trade between the two countries.

The conclusions summarise the obtained results, illustrating their relationship with the tasks and the goal of the research. The language and style of the work meet the requirements of the scientific kind.

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Remarks and wishes on the dissertation work.

This article mainly studies the world agricultural product trade market and agricultural product trade categories from the perspective of globalization.

1. What are the factors that contribute to the current trade situation considering different agricultural product markets and categories?

2. Due to limitations in research data, it is hoped that in future research, further improvements will be made to a wider range of agricultural product market regions over a longer period of time.

3. In this paper, it is unclear whether the author has studied the agricultural trade policies of Ukraine and China with other agricultural market countries.

The above wishes on the dissertation work are not fundamental and do not reduce the overall positive assessment of the work.

Conclusion. Dissertation work graduate student Zhang Fenghe on the topic «Mechanisms of regulation of world agricultural markets in the context of globalization», submitted for the defense to the specialized academic council for obtaining the degree of Doctor of Philosophy in the field of knowledge 07 Management and administration in the specialty 073 Management according to its relevance, scientific and theoretical level, the main results of validity, the main provisions and results published in professional publications, the novelty of the formulation and the practical significance meet the requirements of the order of the Ministry of Education and Science of Ukraine No. 40 of January 12, 2017 "On approval of requirements for the preparation of a dissertation" and the Resolution of the Cabinet of Ministers of Ukraine of January 12, 2022. No. 44 "On the approval of the Procedure for awarding the degree of Doctor of Philosophy and the cancellation of the decision of the one-time specialized academic council of the institution of higher education, scientific institution on awarding the degree of Doctor of Philosophy" with changes introduced under Resolution of the Cabinet of Ministers No. 341 dated 03.21.2022. The content of the dissertation corresponds to the passport of the specialty. Therefore, the dissertation can be recommended for consideration at a meeting of a one-time specialized academic council, and its author – Zhang Fenghe for awarding the degree of Doctor of Philosophy in the specialty 073 "Management".

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