

FEEDBACK

from the official opponent
for dissertation work of Zhang Fenghe
«Mechanisms of regulation of world agricultural markets in the context of globalization», submitted for the degree of the Doctor of Philosophy (PhD) by specialty 073 – Management.

The world agricultural trade is influenced by the economic policies and natural resource endowments of various countries, which has led to long-term instability in the import and export prices of world agricultural products. From the statistical analysis of agricultural trade data of the Food and Agriculture Organization of the United Nations, it can be seen that in recent years, the international trade volume of agricultural products in the world has shown a rapid growth trend, with Europe, Asia, the Americas, and developed countries as the main regions of trade, and the proportion of agricultural product trade in developing countries showing an upward trend.

The competition in world agricultural trade is imperfect competition. Developed countries often have significant competitiveness in agricultural product trade due to their technological and financial advantages. However, underdeveloped countries (regions) are at a disadvantage in competition, especially for those countries whose economy relies on agriculture and agricultural product exports.

By studying the current situation of world agricultural trade, analyzing the international trade import and export volume of various agricultural products, as well as the agricultural trade situation of major continents and major agricultural trading countries in the world. Exploring the relevant factors affecting agricultural trade has important theoretical and practical significance for promoting the development of agricultural trade.

Characterizing the structure and content of the reviewed dissertation. It should be noted that this paper includes an introduction, three main parts, conclusion, references, etc. The abstract briefly introduces the main content and research results of this work. The main text of this work consists of 268 pages, which includes a large number of tables and graphics related to research. These tables and graphics supplement the presentation of the author's text and explain the scientific results obtained. This study used a large number of scientific sources -87, which proves the validity and reliability of the obtained results.

The introduction of the paper outlines the relevance and main elements of scientific research: objectives, tasks, objects and themes, as well as research methods. The introduction also introduces the author's scientific achievements and their practical significance.

As a component of world commodity trade, agricultural product trade has always been valued by countries around the world due to its involvement in basic issues such as food security and social stability. By reading relevant literature, this article draws on previous research methods and achievements, selecting a research path from the specific classification of agricultural products to markets, from regional markets to

specific agricultural products, as well as the relationships between different agricultural product markets, to conduct an in-depth and systematic analysis of the global agricultural product trade market.

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 summarize 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.

The dissertation research 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.

The scientific novelty of the achievements lies in proposing scientific, practical, and organized suggestions for the deepening and development of existing theoretical provisions, and providing suggestions for the development of world agricultural market trade.

On the basis of existing theoretical provisions, combined with scientific practice and the development of systematic suggestions, the following provisions with scientific novelty are derived.

First:

This article is based on the relevant theories of agricultural trade and, from the perspective of globalization, studies and analyzes the trade scale, structure, competitiveness, and complementarity of the global agricultural market through statistical calculations of agricultural trade data from major continents and agricultural countries around the world. And systematically constructed a research framework on the impact of global agricultural trade on agricultural development and economic growth.

Improved:

By collecting relevant agricultural product trade data and displaying the trade scale and development of the world agricultural product market through tables and graphs, two research paths are used: the research path from agricultural product markets to agricultural products; The research path from specific agricultural products to agricultural product markets, from market to category, from specific category to market, comprehensively analyzes the scale and flow of agricultural product trade. This compensates for the limitations of studying agricultural products solely from the agricultural market or a certain category of agricultural products in the past.

to be further developed:

The selected research subjects and research time cycles have certain limitations. This article mainly studies world agricultural trade from the aspects of trade scale and trade structure. Tariff barriers, technical barriers, government policies, etc., which have important influencing factors on agricultural trade, have not been studied in detail. These are all key areas that need further research.

The scientific and practical significance of the paper. This study 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, by studying the current situation of world agricultural product trade. The focus was on analyzing the agricultural trade situation between Ukraine and China, exploring the relevant factors affecting agricultural trade, which has important theoretical and practical significance for promoting agricultural trade in different regions and the development of trade in different agricultural product categories.

Complete presentation of the main results of the dissertation. The main results of the thesis 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 published in international scientific journals and five scientific conference reports.

The main provisions and results of the dissertation research were made public by the author at conferences, seminars, meetings, among which the most important The main results of the research were examined at international conferences were: International scientific conference economy and human-centrism: the modern foundation for human development (Leipzig, Germany, 2020) ;International scientific-Practical conference: Actual problems of economics, finance, accounting and law in UKraine and the world(Poltava, Ukraine, 2021);The First International Scientific and Practical Internet Conference Proceedings : "modern tendencies of students' foreign language training in the multicultural academic environment".(Sumy National Agrarian University, Ukraine, 2021); International Scientific Conference «Development of the country's economic system in the context of international cooperation», (Odesa, Ukraine, 2019);Proceedings of the International Scientific and Practical conference «Honcharivski Chytannya» dedicated to the 93 th anniversary of Doctor of Agricultural Sciences professor Mykolay Dem'yanovych Honcharov(Sumy,

Ukraine, 2022).

The author's personal participation in obtaining the scientific and practical results presented in the dissertation. Approbation of the scientific and practical results presented in the dissertation was carried out by the applicant personally. In the published works, printed in co-authorship, individual theoretical developments, setting up and conducting of all experimental studies, processing of the obtained results, scientific analysis of research results, formulation of conclusions and proposals belong to the doctoral student.

Evaluation of the language and style of the dissertation. The dissertation is written in competent English, has meaningful integrity, consistency and completeness. The style of presentation of the material corresponds to that accepted in the scientific literature.

The degree of maturity of the acquirer. During his graduate studies and dissertation work, he demonstrated a high level of scientific training, Professional knowledge in economics, the ability to formulate and solve scientific problems, and outline the ways of their practical implementation. Zhang Fenghe has the ability to analyze and synthesize scientific knowledge and formulate substantiated conclusions, possesses modern methods of experimental research, packages of special programs for calculating the results of experiments.

Evaluating the dissertation work positively, one should point out specific debatable issues:

1. When considering agricultural trade, establishing a relationship with the world agricultural trade market is advantageous.
2. The definitions of "international trade" and "agricultural trade" are appropriate.
3. It is appropriate to select agricultural trade data between Ukraine and China for analysis.

However, the above remarks do not impact the overall high evaluation of Zhang Fenghe's research. According to the results of a detailed examination of Zhang Fenghe's dissertation and scientific publications, one should note the applicant's scientific maturity and ability to conduct independent research at a high scientific level. The reviewed dissertation is a completed, independently performed scientific work characterized by integrity and significant theoretical and applied value.

Conclusion on compliance of the dissertation work with the requirements of the procedure for obtaining a scientific degree

The topic selection of Dr. Zhang Fenghe's dissertation has high practical significance. The dissertation studies the import and export trade of world agricultural product markets and the competitiveness and complementarity of specific regional agricultural product markets from a global perspective. This work incorporates new scientific results and corresponds to the specialty 073 - Management.

In terms of innovation, design and academic value and application value, the thesis "Mechanisms of regulation of world agricultural markets in the context of

globalization" meets the requirements of the requirements of the "Procedure for awarding the degree of Doctor of Philosophy and annulment 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", approved by Resolution No. 44 of the Cabinet of Ministers of Ukraine dated January 12, 2022. The author, Zhang Fenghe, earned a Doctor of Philosophy degree in the specialty 073 "Management".

Official opponent

**Doctor of Economic Sciences, Professor,
Professor of Admiral Makarov
National Shipbuilding University**

Inna IRTYSHCHEVA

The signature certifies:

Scientific Secretary



Svitlana Utkina